AQUOS CRYSTAL User Guide

AQUOS CRYSTAL User Guide Contents

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About the User Guide

Thank-you for purchasing this product.

Before You Begin

Read "Safety Precautions" thoroughly beforehand for proper usage.
Accessible services may be limited by contract conditions.

Guide Usage Notes

In the User Guide, most operation descriptions are based on handset at time of purchase.
Unless noted otherwise, descriptions are for app sheet in Feel UX Home.
"Confirmation" refers to a window that appears after operation, such as authentication prompt window, selection window or caution window.
Some operation descriptions may be omitted.

Screenshots & Key Labels

Screenshots in the User Guide may differ in appearance with actual Display. Key labels in the User Guide are simplified for description purposes and differ with actual Display.

Other Notations

In the User Guide, the product is referred to as "handset." microSD/microSDHC/microSDXC Card is referred to as "SD Card."

Accessing Instructions on Handset

Launching Guide

1

In app sheet, (Basic) (Guide)

Guide top screen opens.

・Guide usage information and confirmation for automatic updates appear at initial startup. Follow onscreen prompts.

Enable/Disable Automatic Checking for Updates

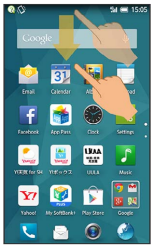
In Guide top screen, Auto Update on / off Back

Launching Guide from Notifications Window

Launch the Guide from Status bar when indicator is shown. This is convenient such as when wanting to check how a function works.

1

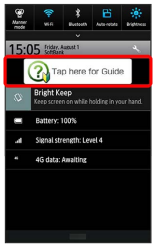
Drag Status Bar down for Notifications Window



Notifications Window opens.

2

Tap here for Guide



Guide top screen opens.

Checking Operation Descriptions for Functions from Notifications Window

Guide can be launched from Notifications Window while some apps/functions are active to access an operation description.

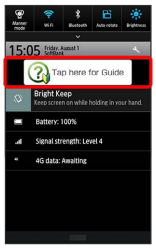
・Guide top screen sometimes appears instead of operation description.

Hiding Status Bar Indicator

Hide indicator appearing in Status Bar.

1

Drag Status Bar down for Notifications Window ➔ Tap here for Guide



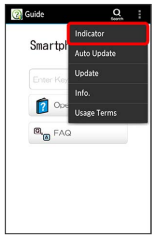
Guide top screen opens.

・If confirmation appears, follow onscreen prompts.

・Alternatively, in app sheet, (Settings) ➔ Guide .

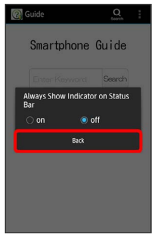
2

☰ ➔ Indicator



3

off ➔ Back



Indicator is hidden.

Using Guide

Item	Description
1 Enter information to search for	Search for items in Guide.
2 Open Guide	Check how to operate handset by category, and use voice searching for operations to check.
3 FAQ	Check frequently asked questions, and quickly access the FAQ mobile site.

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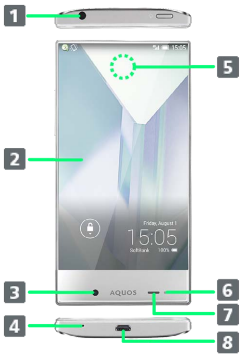
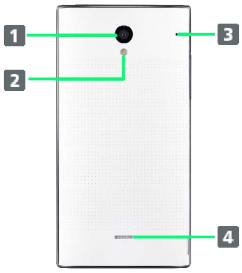
Parts & Functions

Handset Parts



Name	Description
1 Headphone Port	Connect Headphones with Mic (optional accessories) here.
2 Display	Touch Display to select menu items, open functions, scroll pages, etc.
3 Internal Camera	Shoot photos or videos.
4 Mic	Talk to other party through this.
5 Receiver Area	Hear other party's voice through this.[1]
6 Notification Lamp	Illuminates while charging or for notifications (missed calls, new messages, etc.).
7 Proximity/ Light Sensor	Light Sensor detects ambient light level. When Sweep ON[2] is enabled, also prevents Touchscreen misoperation during call.
8 External Device Port	Connect AC Charger or Micro USB Cable here.

1 For details, see "Direct Wave Receiver"
2 For Sweep ON, see "Wallpaper & Display Settings"

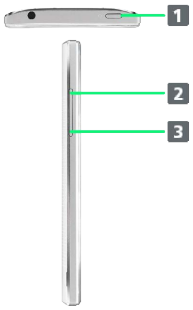


Name	Description
1 External Camera	Shoot photos or videos.
2 Mobile Light	Use as a camera flash, flashlight, etc.
3 Mic (Recorder Mic)	Captures ambient sounds while recording videos.
4 Speaker	Listen to music, video sounds, etc.

Direct Wave Receiver

Handset is equipped with a "Direct Wave Receiver" which transmits sound by vibrating Display. Although there is no hole in Receiver Area, you can call by holding handset anywhere up to ear.
For better hearing:
- Holding handset to your ear
  Hold Receiver so that it covers your ear as much as possible and blocks out surrounding noise for clearer sound. Adjust the position of handset up, down, left, or right to suit your hearing and the surrounding environment.
- Do not place stickers, films, etc. on Display. Other party's voice may become hard to hear.
- How well sound can be heard differs with each individual.
- How well sound can be heard depends on the surrounding environment.
- Make sure not to cover Mic with your finger, etc. during a call.
- When an earphone is connected to handset, sound is from the earphone instead of Direct Wave Receiver.

Handset Keys



Name	Description
1 ⏻ (Power Key)	Activate/cancel Screen lock. Long Press for power on/off or phone options.
2 Volume Up Key	Increase Volume. Long Press for Mobile Light on/off (in Welcome sheet (lock screen)).[1]
3 Volume Down Key	Decrease Volume. Long Press to activate/ cancel Manner mode (in Welcome sheet (lock screen) or Feel UX Home).

1 Alternatively, to turn off Mobile Light, open Notifications Window and Tap Mobile light on .

Battery Cover Installation

Battery Cover

General

Use handset with Battery Cover installed.

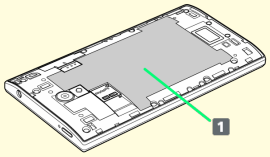
Replacement

If Battery Cover is damaged, replace it with a new one.

Protective Sheet Cautions

Heat Caution

Protective Sheet (1) may be hot to the touch while power is on or immediately after powering off, leading to burn injuries.

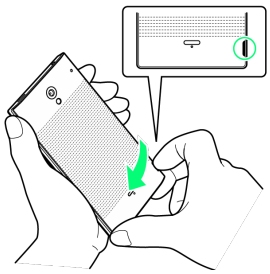


Under Protective Sheet

There are Battery and precision parts under Protective Sheet. Do not peel, damage or subject it to impact; may cause malfunction, overheating, ignition, electric shock, impairment, burn injuries, etc.

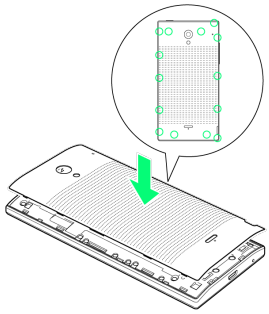
Removing Battery Cover

Always power off beforehand.
If handset is hot, wait until it cools down after powering off.



・Use notch (○) to lift Battery Cover. Push up Battery Cover along edges to remove it.

Installing Battery Cover



・Press down firmly where shown (○) starting from top of handset without leaving gaps. Do not apply excessive force to Battery Cover; damage may result.

USIM Card Installation

USIM Card is an IC card containing customer and authentication information, including handset number.

Handling USIM Card

- Customer is responsible for any damage caused by inserting USIM Card in an other-brand IC card reader, etc. SoftBank Mobile Corp. is not responsible in such case.
- Always keep the IC chip (metal) clean.
- Wipe clean with a dry, soft cloth.
- Avoid applying labels. May damage USIM Card.
- See instructions included with USIM Card for handling.
- USIM Card is the property of SoftBank Mobile Corp.
- USIM is replaceable (at cost) in case of loss/damage.
- Return USIM Card to SoftBank Mobile Corp. when cancelling subscription.
- Returned USIM Cards are recycled for environmental purposes.
- Note that USIM Card specifications and performance may change without notice.
- It is recommended that you keep a separate copy of information that is stored on USIM Card. SoftBank Mobile Corp. is not responsible for damages from stored information that is lost.
- Always follow emergency procedures to suspend service if your USIM Card or handset (USIM Card inserted) is lost/stolen. For details, contact Customer Service.
- Always power off handset before inserting/removing USIM Card.

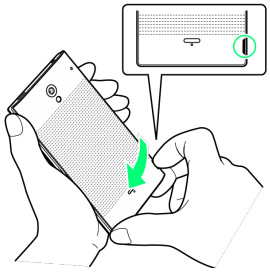
1 IC chip (metal)

Inserting USIM Card

Always power off beforehand.
If handset is hot, wait until it cools down after powering off. Do not touch Protective Sheet while handset is hot; may cause burn injuries.

1

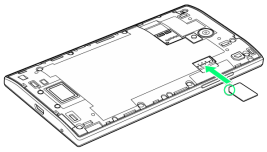
Remove Battery Cover



- Use notch (○) to lift Battery Cover. Push up Battery Cover along edges to remove it.

2

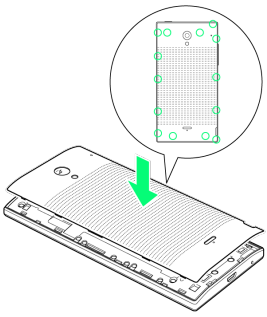
Insert USIM Card into USIM Card Slot



- Check orientation of USIM Card (see notch), then gently place it with IC chip facing down.

3

Attach Battery Cover



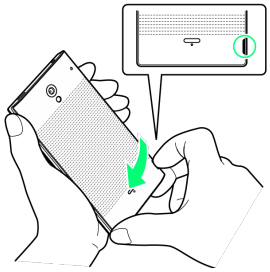
- Press down firmly where shown (○) starting from top of handset without leaving gaps. Do not apply excessive force to Battery Cover; damage may result.

Removing USIM Card

Always power off beforehand.
If handset is hot, wait until it cools down after powering off. Do not touch Protective Sheet while handset is hot; may cause burn injuries.

1

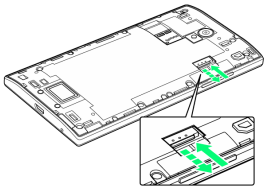
Remove Battery Cover



・Use notch (○) to lift Battery Cover. Push up Battery Cover along edges to remove it.

2

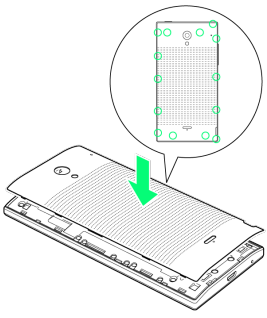
Remove USIM Card



・Gently push in USIM Card and release. After it pops out, carefully remove without bending.

3

Attach Battery Cover



・Press down firmly where shown (○) starting from top of handset without leaving gaps. Do not apply excessive force to Battery Cover; damage may result.

SD Card

Handset supports SD Card up to 128 GB. Some SD Cards may not operate properly.

Complimentary Sample SD Card

Sample SD Card is preinstalled.
・Warranty does not cover sample SD Card.

SD Card Usage Notes

SD Card Files

SD Card files may be lost/altered due to accidents, malfunctions, repairs, handset upgrade/replacement, mishandling, etc. Back up important files regularly. SoftBank Mobile Corp. is not liable for any damages resulting from loss/alteration of files.
・Never power off while files are being accessed.

microSDXC Card

Handset supports microSDXC Cards (SDXC-compatible SD Cards). microSDXC Cards are supported by SDXC-compatible devices only.

Exchanging Files with Non-SDXC-Compatible Devices

To exchange files between handset and non-SDXC-compatible devices, use SD Cards (microSD/microSDHC Cards) supported by handset and those devices. Inserting a microSDXC Card used on handset in a non-SDXC-compatible device may corrupt card files. In such cases, do not format the microSDXC Card on that device even if prompted to do so.
Formatting deletes all microSDXC Card files and changes the file system. The original memory capacity may be unavailable after formatting. To use a corrupted microSDXC Card, format it on an SDXC-compatible device.

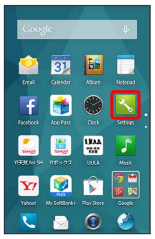
SD Card Caution

Keep SD Card away from infants; may cause choking if swallowed.

Unmounting SD Card

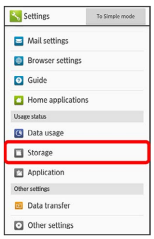
1

In app sheet, (Settings)



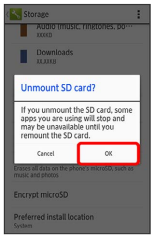
2

Storage



3

Unmount microSD → OK



Unmount microSD changes to Mount microSD. (SD Card is unmounted.)

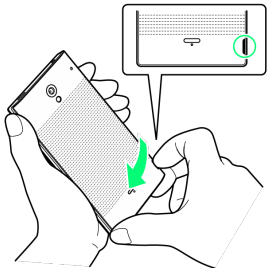
・To have SD Card recognized again, Tap Mount microSD.

Removing SD Card

Always power off beforehand.
If handset is hot, wait until it cools down after powering off.
Do not touch Protective Sheet while handset is hot; may cause burn injuries.

1

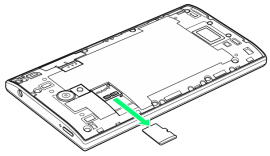
Remove Battery Cover



・Use notch (○) to lift Battery Cover. Push up Battery Cover along edges to remove it.

2

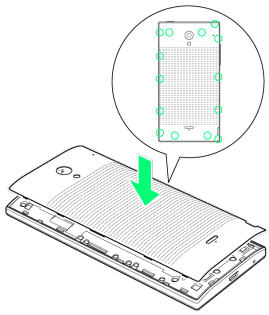
Remove SD Card



・Gently pull it straight out.

3

Attach Battery Cover



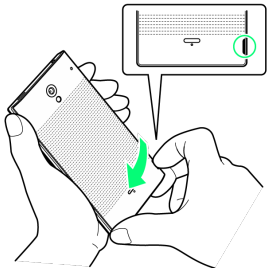
・Press down firmly where shown (○) starting from top of handset without leaving gaps. Do not apply excessive force to Battery Cover; damage may result.

Inserting SD Card

Always power off beforehand.
If handset is hot, wait until it cools down after powering off.
Do not touch Protective Sheet while handset is hot; may cause burn injuries.

1

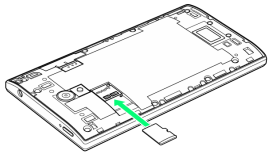
Remove Battery Cover



・Use notch (○) to lift Battery Cover. Push up Battery Cover along edges to remove it.

2

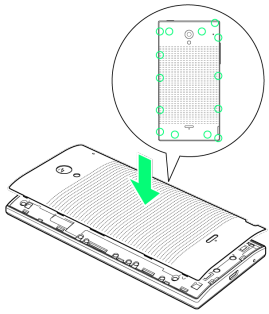
Install SD Card



・Insert SD Card all the way gently without bending and with terminals facing down.

3

Attach Battery Cover



・Press down firmly where shown (○) starting from top of handset without leaving gaps. Do not apply excessive force to Battery Cover; damage may result.

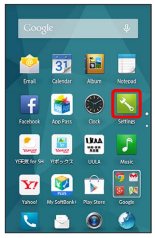
Formatting SD Card

When using a new SD Card for the first time, format it on handset before trying to save images, music, etc.

・Formatting deletes all SD Card files.
・Charge handset while formatting or charge it adequately beforehand.

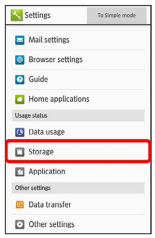
1

In app sheet, (Settings)



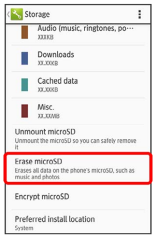
2

Storage



3

Erase microSD

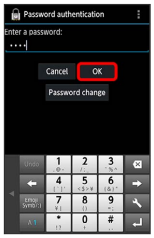


4

Erase SD card

5

Enter Operation Password ➔ OK



・If Operation Password is unset, follow onscreen prompts.

6

Erase everything

All SD Card files will be deleted.

Charging Handset

Battery is built into handset.

Lithium-ion Battery

This product requires a lithium-ion battery. Lithium-ion batteries are recyclable. To recycle a used lithium-ion battery, take it to any shop displaying the recycling symbol.

・To avoid fire or electric shock, do not short-circuit or disassemble Battery.

Li-ion00

Troubleshooting

Q. Notification Lamp flashes while charging

A. Charging is not in progress. Use specified Charger for charging.
If charging still does not start, contact a SoftBank Shop or SoftBank Customer Support, General Information.

Q. Cannot charge handset abroad

A. SoftBank Mobile Corp. is not liable for problems resulting from charging handset abroad.

Charging Cautions

Handling Cables

Do not pull, bend, or twist cable; may damage the cable.

Battery Care

To help maintain performance and life of Internal Battery, do not store in the following conditions.
・Full (immediately after charging is complete)
・Exhausted (too low to power on handset)
Battery level should be at approximately 40% for optimal storage.

Bulges of Internal Battery

Depending on usage, bulges may appear near end of battery life; this does not affect safety.

Internal Battery Replacement

Internal Battery is a consumable item; may need to be replaced if operating time shortens noticeably. Internal Battery is not user replaceable; its replacement incurs fees and requires handset submission to a SoftBank Shop or other appropriate servicer. For details, contact a SoftBank Shop or SoftBank Customer Support, General Information.

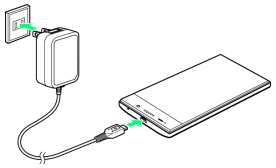
When Using Mobile Light

Handset does not charge while Mobile Light is shining.
Turning on Mobile Light while charging causes charging to stop.
Turning on Mobile Light when using Camera while charging also causes charging to stop.
If battery level is low, handset may close Camera.

AC Charger

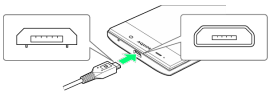
AC Charger is an optional accessory. Be sure to use SHCEJ1 or ZTDAC1 (Micro USB, 1.0 A) specified by SoftBank Mobile Corp. The following explains how to charge handset using SHCEJ1.

・See User Guide for corresponding AC Charger.



1

Insert Micro USB plug of AC Charger into External Device Port



・Insert Micro USB plug in correct orientation; otherwise, External Device Port may be damaged. Check contours and orientation of Micro USB plug before inserting it.

2

Extend blades and plug AC Charger into AC outlet

Charging starts and Notification Lamp illuminates red. Notification Lamp goes out when charge is full.

・Notification Lamp illuminates green when charge is almost full.

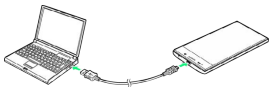
3

After charging, remove Micro USB plug from External Device Port, then unplug AC Charger and retract blades

USB Charging

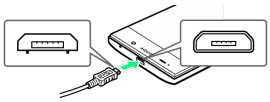
Connect handset to a PC with Micro USB Cable (SHDDL1; optional accessory).

・Turn on PC first.
・Handset may not charge or charge slowly depending on connection/PC status.



1

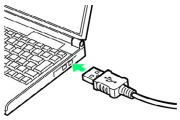
Insert Micro USB plug of Micro USB Cable into External Device Port



・Insert Micro USB plug in correct orientation; otherwise, External Device Port may be damaged. Check contours and orientation of Micro USB plug before inserting it.

2

Insert USB plug of Micro USB Cable into PC USB port



Charging starts and Notification Lamp illuminates red. Notification Lamp goes out when charge is full.

・Notification Lamp illuminates green when charge is almost full.

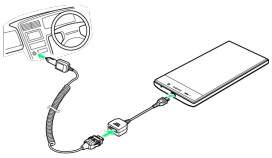
3

After charging, remove Micro USB Cable from handset and PC

Charging by In-Car Charger

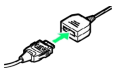
Charging using Micro USB Charging Adapter [SHCDL1] (optional accessory) and In-Car Charger [SHJR01] (optional accessory).

・Charging is possible when car engine is on.



1

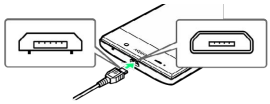
Connect In-Car Charger to Micro USB Charging Adapter



・Check orientation of connectors, then connect firmly without bending until they click.

2

Insert Micro USB Charging Adapter (Micro USB plug) into External Device Port



・Insert Micro USB plug in correct orientation; otherwise, External Device Port may be damaged. Check contours and orientation of Micro USB plug before inserting it.

3

Connect In-Car Charger to cigarette lighter socket

Charging starts and Notification Lamp illuminates red. Notification Lamp goes out when charge is full.

・Notification Lamp illuminates green when charge is almost full.

4

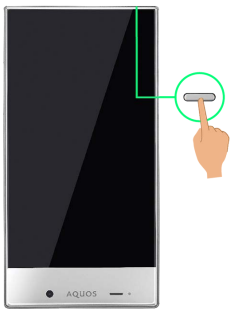
After charging, remove plug from socket, and detach adapters

Power On/Off

Power On

1

Long Press [⏻] until SHARP logo appears



After Power On Graphics, Welcome sheet (lock screen) appears.

2

Drag [🔔] down

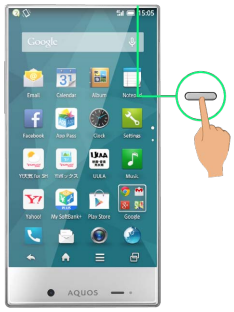
Initial setting window appears.

・See "Initial Settings" for details on initial settings.

Power Off

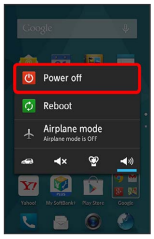
1

(Long Press)



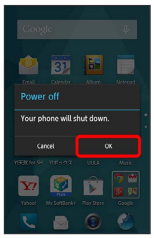
2

Power off



3

OK



Handset shuts down.

Touchscreen Operations

Touch Display to select menu items, open functions, scroll pages, etc.

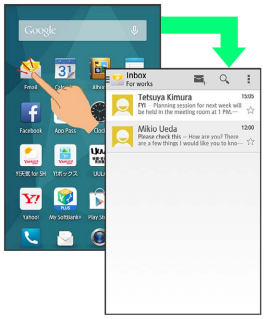
Troubleshooting

Q. Handset initiates operation without operating Touchscreen (Display) / Handset does not respond after operating Touchscreen

A. Press ⏻ to turn off screen, Press ⏻ again to turn on screen, and then operate handset.

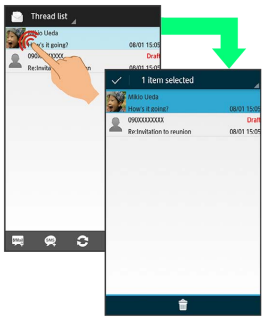
Tap

Tap item or key to open or execute corresponding function/ operation.



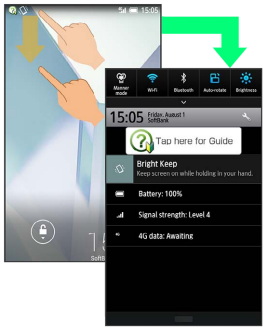
Touch & Hold

Touch item for 1+ seconds to move icon, open menu, etc.



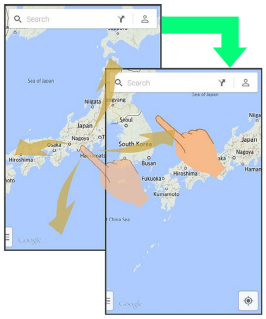
Drag

Drag item to move it.



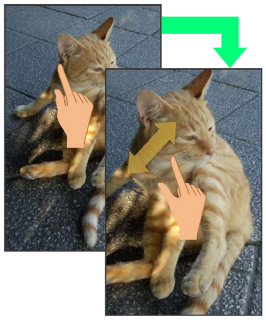
Flick

Flick to toggle sheets, pages, etc.



Pinch/Spread

Pinch or Spread to zoom in or out on images, maps, etc.



Initial Settings

An initial settings screen appears the first time handset is powered on. Here, make settings for a Google™ account, Wi-Fi, etc. Follow onscreen prompts to set items.

Making Initial Settings

Depending on your operating environment, steps may be different.
Follow onscreen prompts on your handset.

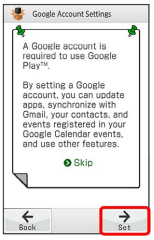
1

Confirm settings to be made in initial settings → Next

・The following appears after Tapping Next .

2

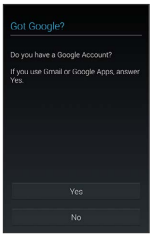
Confirm description for Google account settings → Set



・After Tapping Skip , a description for making settings for location information may appear. Tap Set and follow onscreen prompts.

3

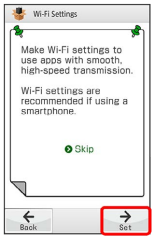
Set a Google account



・See " Google Accounts" for details on a Google account.
・The following appears after Tapping Next .

4

Confirm description for Wi-Fi settings → Set



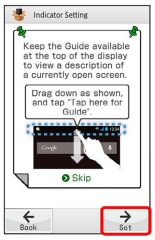
・If confirmation appears, follow onscreen prompts.

5

Set Wi-Fi items

6

Confirm description for Guide → Set



・The following appears after Tapping Next .

・If confirmation appears, follow onscreen prompts.

7

Set whether Guide indicator is always shown → Done

8

No / Yes

Initial settings are made.

・If confirmation appears, follow onscreen prompts.

Basic Operations

Basic Operations.....22
Applications.....24
Handset Phone Number.....28
Mobile Manners.....29
Text Entry.....29
Google Accounts.....36
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Security Codes.....40
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Basic Operations

Home (Feel UX Home)

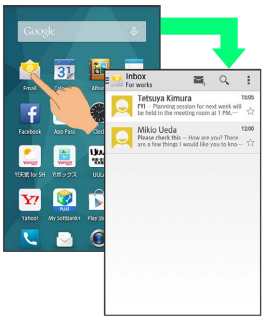
Most operations start from Feel UX Home. Activate applications in app sheet, and access widgets or save shortcuts to frequently used applications in desktop sheet. See "Feel UX Home Basics" for details.

・Flick left/right to toggle sheets.
・To return to Feel UX Home, Tap at Display bottom.

Handset Navigation

Tap item, icon, key, etc. to open menu/window or execute corresponding function/operation.

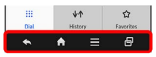
・To return to the previous screen, Tap .



Navigation Bar

Tap icons on Navigation Bar (Display bottom) for the following functions/operations.

Icon	Description
(Back key)	Return to the previous screen.
(Close key)	Close keyboard.
(Home key)	Return to Feel UX Home.
(Menu key)	Open Options menu.
(Recent apps key)	Activate/exit Quick Launcher. (To open/close recent applications window instead, change Recent apps key setting.) Touch & Hold to open/close Notifications Window.



Activating Applications that Support Assist Function

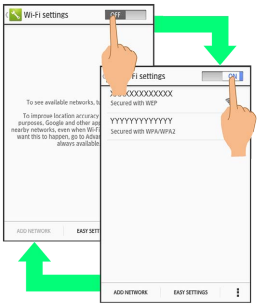
Drag Navigation Bar up (icon appears) Drag to icon and release finger

・Depending on icon, releasing finger may cause selection screen to appear.

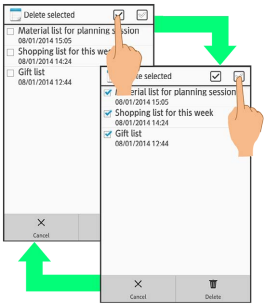
Action Bar

Current menu/window title appears on Action Bar (Display top). On the right side of Action Bar, icons for functions frequently used in that menu/window appear.

・When ON or OFF is on Action Bar, Tap to turn corresponding setting off or on.

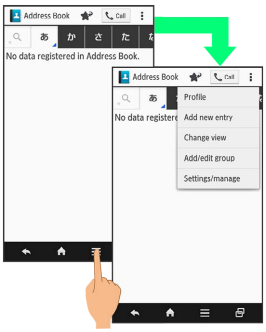


・When ☑ and ☑ are on Action Bar, Tap to select or cancel all items together at once.

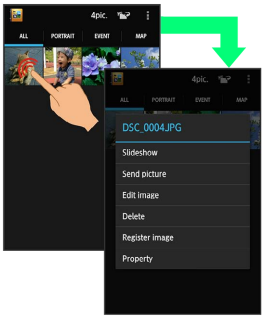


Menu Operations

Tap ☰ at Display bottom to open Options menu.



・In some windows, Touch & Hold for menu or settings.

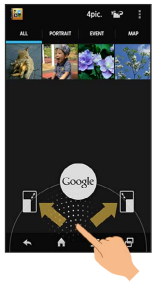


One-Hand Operation

Shrink screen for easier one-hand operation.

1

Touch Navigation Bar then Slide up ➔ Slide to ▯ or ▯ and release finger

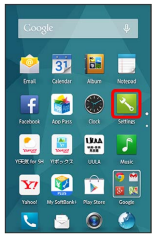


Screen shrinks.

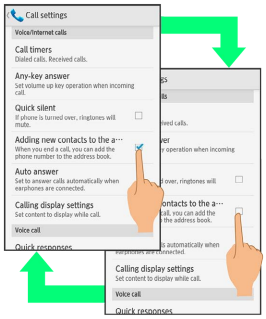
・To restore full-screen view, touch Navigation Bar then Slide up to ▯ or ▯ and release finger.

Handset Settings

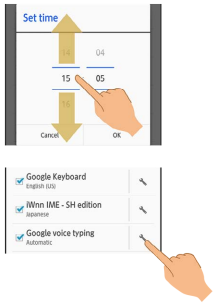
In app sheet, Tap (Settings) to customize settings.



・Checkbox (☑ or ☐) appears beside some options. Tap to enable (☑) or disable (☐) option.



・Drag/Flick slider, spinner, etc. to adjust some settings. If available, Tap ❯ or 🔧 for additional settings.



Handset & Display Orientation

Rotate handset 90 degrees; Display orientation changes accordingly.

・Display orientation may not change in some windows.

Capturing Screenshots

Press [⏻] and Volume Down Key at the same time to capture a screenshot of the current screen.

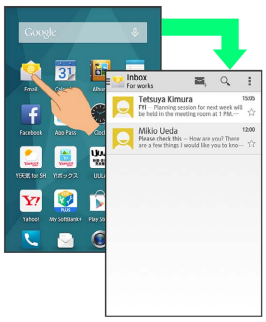
・Open captured screenshots from Photo in Contents Manager or other locations.
・Alternatively, use Clip Now and slide your finger along the top edge of Display to capture a screenshot. See "Using Clip Now" for details.

Applications

Activating Applications

1

In app sheet, Tap application



Application activates.

・If confirmation appears, follow onscreen prompts.

Exiting Applications

In any application, Tap ↩ repeatedly until Feel UX Home returns. (Some applications may remain active.)

Applications List

Applications installed on handset at time of purchase are the following.

Application	Description
(Address Book)	Save phone numbers and email addresses. In addition to email addresses, save birthdays, nicknames, etc. Set individual ringtone for each contact.
(Album)	Photos and videos captured with Camera are automatically sorted into PORTRAIT, EVENT, and MAP tabs. Reorganize sorted photos and videos yourself, and use online services such as Picasa™ and mixi.
(Anshin Backup)	Save contacts, bookmarks, calendar, and S! Mail data on your smartphone to a cloud server or SD Card, and download server data to your smartphone. Also use to transfer data from an old smartphone to your new smartphone.
(App Pass)	Download without limit popular and standard applications in categories including entertainment, games, tools, lifestyle, and business. Special offers include monthly tickets for additional item purchases.
(Book Reader)	Ebook service offering comics, books, photographic collections, and magazines. Select ebook on website, and then download/purchase via a special viewer application.
(Browser)	Access the Internet and browse webpages. Bookmark frequently browsed pages. Open and switch between several windows.
(Calculator)	Perform basic operations (addition, subtraction, multiplication, division), percent, and root calculations. Memory functions allow many different calculations.
(Calendar)	Check calendar and manage events. Switch between day, week, and month views. Sync online with Google Calendar™.
(Chrome)	Access the Internet and search/browse webpages. Supports syncing of bookmarks and other data with PC edition of Chrome. Also supports secret tab and other privacy functions.
(Clip Now)	Slide your finger along top edge of handset to capture screenshots. URLs also saved for webpages. Easy viewing and sharing of captured screenshots.
(Clock)	Use alarm, world clock, stopwatch, and timer. View times around the world with the world clock. Add a region to view times in multiple regions at the same time.
(Contents Manager)	View photos, videos, music, and other files saved to SD Card. Check microSD and handset settings.
(Dictionary)	Look up words in built-in dictionary. Save looked-up words in word cards. Search a variety of updated information from Net Dictionaries.
(Disaster Message Board)	Post, view, and delete whereabouts information in the event of a major disaster, such as a "6弱" (roku-jyaku, "6 Lower") or larger earthquake. Set notification to be automatically sent to a pre-specified email address after posting whereabouts information.
(Downloads)	View history of browser downloads. Re-sort files sorted by time according to size, and select and delete downloaded files in a batch.
(Drive)	Google Drive™ is a Google online storage service. Save and share files with Google Drive.
(Email)	Register an email account for sending and receiving home or office email while out on the go. Handset allows you to register several email accounts.
(Facebook)	Official application for the world's largest social networking service, Facebook. View profiles and post photos/messages. Check friends' photos and updates.
(Gmail™)	Use Google's email service Gmail anytime and anywhere. Enter keywords to search for messages, and add labels to organize messages.
(Google)	Search for information on the Internet and for applications on handset using Google Search™. View webpages from around the world as well as maps, videos, location/train information for establishments, and much other related information.
(Google Settings™)	Make settings for all Google services in one place: Google+ access and access for applications linked to Google+, Google Maps™, Google Search, etc.
(Google +™)	Social networking service provided by Google. Register friends, family, friends with the same interest, etc. as circles and share information with circle members.
(Guide)	Quickly check operation instructions for SoftBank smartphones. Also view User Guide for your smartphone. Quickly access a FAQ site.

(Hangouts)	Use free photos, emoji, video hangout, etc. to enjoy one-on-one and group talk.
(Initial Setting)	Make settings required for using handset together at the same time, such as Google account settings and Wi-Fi settings.
(Internet SagiWall)	Detects "one-click" and other risk sites while browsing the Internet to protect your smartphone. Notification appears for detected risk sites.
(Kingsoft Office)	View and edit Microsoft® Word/Excel®/ PowerPoint® and PDF files created on a computer or other device. Activates quickly and easily for viewing a file.
(Let's Try!)	Try using handset features with the aid of onscreen instructions. If feature is useful, you can set the feature immediately without opening a settings window.
(Mail)	Use SMS/S! Mail on a SoftBank smartphone. Exchange decore mail, emoji, etc. with an @softbank.ne.jp or @x.vodafone.ne.jp email address.
(Maps)	View a map of current location or check route. View traffic information and aerial views. Includes street view, 3D view, and compass mode.
(Menu List)	Official smartphone-edition menu list. Presents popularity rankings and quick information corners for web services and applications.
(Music)	Play music saved on SD Card. View by album or artist. Create playlists of your preferred music.
(My SoftBank+)	Provides useful information related to SoftBank. Information on your smartphone's call charges, useful features, and recommended accessories and contents.
(Notepad)	Save frequently used words/phrases, notes, etc. View notes later, insert in email messages, attach to email, or convert to text files.
(Personal Collect Board)	View the information you want in one screen. Check new messages/calls while viewing YouTube or a calendar, and customize with news, social networking, or other widgets."
(Phone)	Make and receive calls, as well as use for calls abroad. Call History can be used to make calls as well as to check made and received calls.
(Photos)	View and edit captured photos/videos and back them up to Google+.

(Play Books)	Read favorite books and authors anywhere. Google Play allows you to choose from millions of books including new titles, New York Times best sellers, up and coming authors, and free titles.
(Play Games)	Enjoy Google Play™ games in one place. Find new games, save gameplay and score, and engage in multi-player games with friends around the world.
(Play Movies & TV)	Rent videos from Google Play or download and install for video enjoyment.
(Play Store)	Download from a wide range of applications (free/paid) on Google Play. Configure downloaded applications to download updates manually or automatically.
(Remote Support)	For users subscribing to "ケータイなんでもサポート" (keitai nandemo support). This application allows remote support staff to view handset screen and provide assistance with operation and settings.
(Search finder)	Trace over words/phrases captured with camera to search for related words/ videos/photos. Search results appear near traced-over words/phrases in Search Finder window.
(Settings)	Change and check basic settings such as sound and vibration, wallpaper and display, and handset energy efficiency as well as change and check settings for calling, email, browser, Guide, and other applications.
(SH Camera)	Capture photos and videos with this auto-focusing camera. Specify settings including image size and white balance. Continuous shooting feature. Show setting icons array for quick setting changes.
(Smart Custom)	Service for Android™ terminals allows user to customize apps, widgets, wallpaper, and ringtones in a single downloadable package.
(Tethering)	Allows a 4G smartphone to serve as a mobile Wi-Fi router. Requires subscription to optional tethering.
(Translation finder)	Hold handset Camera over English and translate to Japanese in real time. Also capture a Translation Finder screenshot and select appearing text to search by Internet, dictionary, etc.

(Urgent News)	Receive emergency earthquake alerts and tsunami warnings from the Japan Meteorological Agency. When an alert is received for your area, handset sounds an alert, vibrates, and a message appears. Disaster and evacuation information can also be received from the national and local governments.
(UULA)	General entertainment application providing all-you-can-view service for over 60 thousand varied titles spanning popular movies, dramas, and cartoons to music videos, live concerts, and karaoke. Full stock of original contents available only with UULA.
(VirusScan)	Protection for smartphones from virus threats. Detects viruses infecting from installed applications, email attachments, and SD Card.
(Voice Recorder)	Record and play back audio from conferences and interviews on SD Card. Fast-forward and rewind. View list of recorded files from playback screen.
(Voice Search)	Search for information on the Internet by speaking into handset without any typing. View webpages as well as maps, videos, location/train information for establishments, and much other related information.
(Wi-Fi)	Activating application reports where closest Wi-Fi spot is located. Convenient when desiring a fast Internet connection, such as enjoying videos/ games or downloading large-volume data, particularly while outside.
(Wi-Fi Spot Settings)	Allows handset to connect (log on) to SoftBank Wi-Fi spots automatically in SoftBank Wi-Fi spot service areas. Requires subscription to SoftBank Wi-Fi spot service.
(Y!天気 for SH) (Y! tenki for SH)	Check weather forecasts for a preset region or local area. Check weather and predicted rainfall from Status Indicator while using another application.
(Y!乗換案内) (Y! norikae annai)	Official application from "Y!路線情報" (Y! rosen joho, "Yahoo! railway information") allows route searches as well as viewing of train/bus maps and delay information. View railway scheduling, routes, and delay information for all of Japan (information unavailable in some instances), as well as routes including bus and airway information.
(Y!ボックス) (Y! box)	Storage service allowing easy saving, browsing, and publishing of photos, videos, text files, and audio files. Computer-compatible, so files saved from a smartphone can also be viewed from a home computer.
(Yahoo!)	Smartphone-edition for launching Yahoo! JAPAN. Features many different search menus, including "リアルタイム" (real time) for catching "tweets." Check news, weather, disaster, and other have-to-know-now information.
(Yahoo! JAPAN Widget for SoftBank)	Search the Internet using Yahoo! Search. Also open Yahoo! JAPAN top page.
(Yahoo! 地図) (Yahoo! chizu)	In addition to searching maps, search for nearby facilities and establishments as well as routes to destinations. Search by address or genre, or by location and purpose in keywords (example, "Roppongi izakaya"). Route searches to establishments appear on maps for walking or by vehicle as criteria. Recommended rain cloud indicator feature is useful for checking current and following rain cloud locations before heading out. * Indicator appears only where rain is falling.
(YouTube™)	View a variety of video content uploaded to YouTube. View in high-quality mode on handset. Upload videos captured on handset.
(位置ナビLink) (ichi navi Link)	Allows handset location to be searchable by another user. Requires the searching user to be subscribed to ichi-navi option service.
(音声アシスト) (onsei assist)	Assistant responds in audio to voice inquiries. Speaking inquiries such as "Tomorrow's weather," "Roppongi to Asakusa," or "What day is it today" prompt responses with found information. Also operate handset with commands such as "Call Sato-san," "Activate camera," or "Wake me at 8 o'clock."
(かざして翻訳) (kazashite honyaku)	Capture words/phrases in Chinese or Korean and translate into Japanese. Select text in captured image screen and search the Internet, dictionary, etc. Also translate in real time by holding handset Camera over text.
(カバコレ) (cover colle)	Design an original cover from a large selection of artwork parts including frames, illustrations, and lettering. Also create a Shirato family Otosan character cover.
(スマセレ) (smart select)	Download "app packs" containing a selection of applications or "selects" of applications and home screens in one download. Apply the "selects" contents to customize entire handset home screen.

(電子書籍 GALAPAGOS) (denshi shoseki GALAPAGOS)	Use ebook service GALAPAGOS STORE. Purchase and view ebooks. Purchased ebooks are managed in one-stop online library. Regular delivery, dictionary link, and other features available.
(とくするパック) (toku suru pack)	Value, worry-free service for smartphone enjoyment. In addition to Yahoo! プレミアム(Yahoo! premium)'s convenient, value service, enjoy theft/loss support, member-only super-sales, and other benefits.
(ヘルスケア) (health care)	Link to a SoftBank health monitoring device to view steps walked, calories consumed, sleep, and weight, and manage related health data on a daily basis.
(メーカーアプリ) (maker app)	Connect easily to Sharp's special site for Android terminals, "SHSHOW." Latest information on recommended applications, widgets, etc.
(ヤフオク!) (Yahoo auc!)	Official application of Japan's largest net auction site, "Yahoo auc!." Search and bid on products, submit products, and manage "my auctions."

Where to Obtain Applications

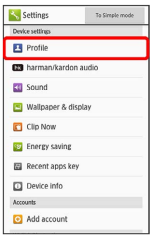
Download applications from (Play Store).

Handset Phone Number

My Phone Number

1

In app sheet, (Settings) Profile



Profile opens.

・Handset number appears in Own phone number field.

Mobile Manners

Airplane Mode Caution

Activating Airplane mode disables Wi-Fi and Bluetooth®, interrupting corresponding transmissions.
Wi-Fi/Bluetooth® connections can be used even in Airplane mode by enabling Wi-Fi/Bluetooth® after activating Airplane mode ; make sure that such connection/transmission is allowed in your current location before use.

Manner Mode

Mute ringtones and other handset sounds to avoid disturbing others around you.

・Camera shutter sound, video recording tones, music, video/game sounds, etc. still play even in Manner mode.

1

In Welcome sheet (lock screen) or Feel UX Home, Long Press Volume Down Key

Manner mode activates.

・To cancel, in Welcome sheet (lock screen) or Feel UX Home, Long Press Volume Down Key.

Selecting Manner Mode Option

(Long Press) Tap icon (e.g.,)

Airplane Mode

Leaving power on, suspend signal-transmitting functions.

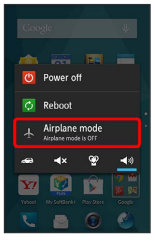
1

(Long Press)

Phone options appear.

2

Airplane mode



Airplane mode activates.

・To cancel, Long Press , then Tap Airplane mode .

Text Entry

Keyboards

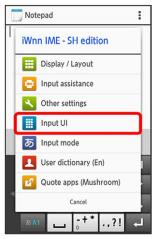
Use onscreen keyboards for text entry. In 12-key Keyboard, multiple characters are assigned to each key. In QWERTY Keyboard, a single letter is assigned to each key.

・Tap a text entry field for keyboard. To hide it, Tap .
・Text entry descriptions are for iWnn IME - SH edition (default input method).

Switching Keyboards

1

In a text entry window, Input UI

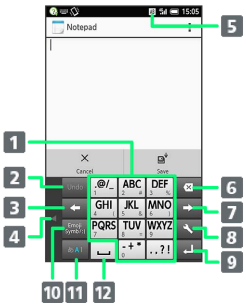


2

QWERTY keyboard or 12 keyboard

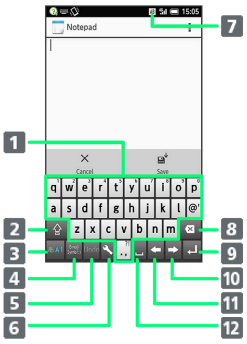
Keyboard is switched.

12-Key Keyboard Layout



1. Enter characters.
2. Undo conversion; reverse-toggle character options before confirming entry.
3. Backspace cursor.
4. Move keyboard in the arrow direction.
5. Current entry mode
6. Delete characters.
7. Advance cursor; add space at text end.
8. Open text entry options; enter space; convert hiragana.
9. Insert line break; confirm current characters.
10. Enter pictograms, symbols, or emoticons; switch conversion options.
11. Toggle entry modes.
12. Enter space; toggle case; add ゛ or ゜ for hiragana.

QWERTY Keyboard Layout



1. Enter characters.
2. Toggle case.
3. Toggle entry modes.
4. Enter pictograms, symbols, or emoticons; switch conversion options.
5. Undo conversion.
6. Open text entry options.
7. Current entry mode
8. Delete characters.
9. Insert line break; confirm current characters.
10. Advance cursor; add space at text end.
11. Backspace cursor.
12. Enter space; convert hiragana.

Switching Entry Modes

Tap あA1 to toggle Half Numeric, Hiragana/Kanji, and Half Alphabet modes. To use Full Alphabet or other entry modes:

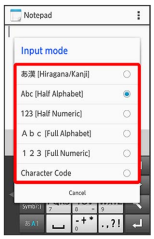
・Alternatively, Flick あA1 to toggle these entry modes.

1

In a text entry window, 🔧 ➔ Input mode

2

Tap mode



Keyboard interface changes accordingly. Current entry mode indicator, such as AB (Half Alphabet) or あ (Hiragana/Kanji), appears.

Entering Hiragana (12-Key Keyboard)

To enter でんわ:

1

In a text entry window, あA1 (twice) (あ on Status Bar)

2

た (four times: て) ➔ 大⇔小 (once: て→で) ➔ わ (three times: ん) ➔ ➡ ➔ わ (once: わ) ➔ OK

でんわ is entered.

・Tap ➡ after the first character to enter other character on same Key. Enter normally after entered characters are no longer highlighted.

Entering Hiragana (QWERTY Keyboard)

To enter でんわ:

1

In a text entry window, あA1 (twice) (あ on Status Bar)

2

d e (で) n n (ん) w a (わ) OK

でんわ is entered.

Entering Kanji

To convert でんわ to 電話 in 12-Key Keyboard:

1

In a text entry window, あA1 (twice) (あ on Status Bar)

2

Enter でんわ

・With each character entry, candidates beginning with the entered characters appear.

3

電話

電話 is entered.

・After entering hiragana, Tap Convert for only corresponding kanji and words.

・If desired candidate is not shown, Tap ▼ for other candidates. Flick up/down for hidden candidates (▲ to close). Tap Extra conv for online candidates dictionary.

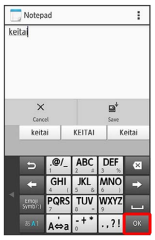
Entering Alphabet

In 12-key Keyboard, to enter keitai:

・Entry in Half Alphabet is described.

1

In a text entry window, JKL (twice: k) DEF (twice: e) GHI (three times: i) TUV (once: t) ABC (once: a) GHI (three times: i) OK



Keitai is entered.

・To toggle case, type a letter and Tap A⇔a. Tap as required to toggle case.
・To convert hiragana to alphabet, Tap corresponding Key for letter (to enter "H," た twice) to enter hiragana, then Tap 予/a/1. Candidates for alphabet and katakana appear.
・Set handset to automatically capitalize the first letter as needed.

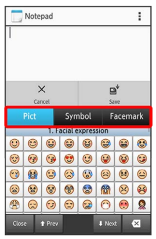
Entering Emoji/Symbols/Emoticons

1

In a text entry window, Emoji Symb/☺

2

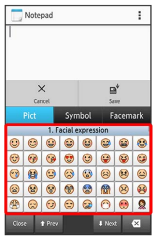
Pict / Symbol / Facemark



Emoji, etc. open.

3

Tap emoji, symbol, or emoticon



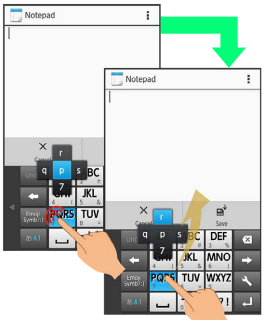
Emoji, symbol, or emoticon is entered.

・Continue entering emoji, symbols, or emoticons as required.
・Touch & Hold emoticons to edit.
・Tap Close to return to text entry.

Flick Input

In 12-key Keyboard, Flick key for target character (instead of Tapping key repeatedly).

・Touch & Hold key for guide; Flick toward target character to enter.



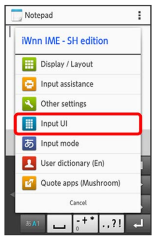
Target Character	Operation
p	Tap PQRS once.
q	Touch PQRS and Flick left.
r	Touch PQRS and Flick up.
s	Touch PQRS and Flick right.
7	Touch PQRS and Flick down.

・To enable/disable key preview and Flick input guide, in a text entry window, Tap ➔ Display / Layout ➔ Key input guide . See "Making Text Entry Settings" for details.

Entering Text by Voice

1

In a text entry window, ➔ Input UI



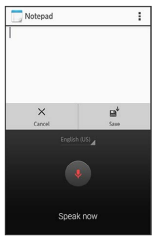
2

Voice Input

Voice input window opens.

3

Speak into Mic



Spoken content is entered as text.

Correcting Text

To change "See you later tomorrow" to "See you again tomorrow":

1

In a text entry window, Tap ◀ / ▶, and move cursor to right of text to correct ➔ ⌫ (five times)

Text to the left of the cursor is deleted.

2

Enter correct text

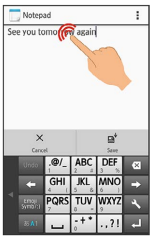
Text is corrected.

Pasting Cut/Copied Text

To change "See you tomorrow again" to "See you again tomorrow":

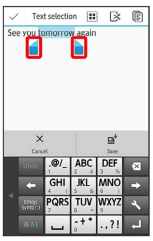
1

Touch & Hold text entered in a text entry window



2

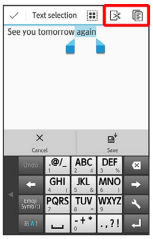
Drag ◢ / ◣ left/right to select text to cut/copy



・To select all text, Tap ⊞.

3

In Action Bar, ✂ / 📋



4

Tap where to paste ➔ ◢ ➔ PASTE / CLIPBOARD

Cut/copied text is pasted.

・Drag ◢ to adjust position for pasting text.
・After selecting CLIPBOARD, Tap text to paste.

Making Text Entry Settings

Make settings for text entry. Settable items are the following.

Item	Description
Display / Layout	Set keyboard size and design, and enable/disable a typing guide.
Input assistance	Set Flick sensitivity, auto cursor movement, etc.
Other settings	・Conversion Enable/disable conversion methods, use of an external engine, etc. ・Dictionary Set saving to/editing of User dictionary, use of download dictionaries, etc. ・Slide operation Set action of keyboard when screen is Flicked. ・Reset Return all text entry settings, emoticons, etc. to their state at time of purchase.
Input UI	Switch keyboards (entry user interface). See "Switching Keyboards" for details.
Input mode	Switch entered character types (entry modes). See "Switching Entry Modes" for details.
User dictionary (En)	Save to/edit User dictionary (English).
Quote apps (Mushroom)	Quote and enter text from different applications.

1

In a text entry window,

2

Tap items

Settings are made.

Google Accounts

Create a Google Account to use Google services. A Google Account is required to fully use some services and applications/functions.

Google Account Cautions

Google Account Email Address & Password

Do not forget your Google Account email address and password.

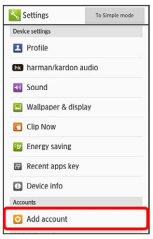
Google Account Operations & User Interface

Operations and user interface are subject to change due to automatic application updates or other reasons.

Creating a Google Account

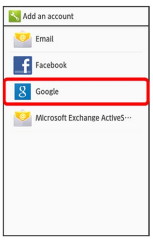
1

In app sheet, (Settings) Add account



2

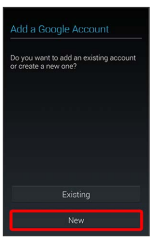
Google



Add a Google Account appears.

3

New



4

Enter first name ➔ Next ➔ Enter last name ➔ ▶

5

Enter email address ➔ ▶

・If confirmation appears, follow onscreen prompts.

6

Enter password ➔ Next ➔ Re-enter password ➔ ▶

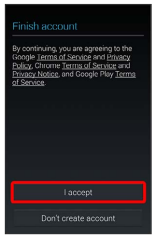
7

Not now ➔ Select whether to enable data backup ➔ Select whether to receive news and offers from Google Play™ ➔ ▶

・To specify recovery options, Tap Set up recovery options . Follow onscreen prompts.

8

I accept



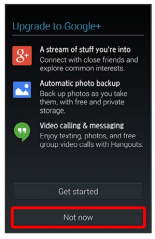
9

Enter shown characters (distorted) ➔ ▶

・If shown characters are unreadable, enter a character then Tap ▶ ; other distorted characters appear.

10

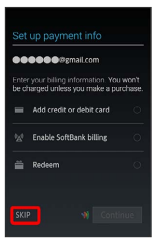
Not now



・To use Google+™, Tap Get started . Follow onscreen prompts.

11

SKIP



A Google Account is added.

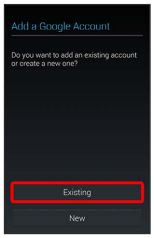
・To set payment information, Tap Add credit or debit card / Enable SoftBank billing / Redeem ➔ Continue . Follow onscreen prompts.
・If confirmation appears, follow onscreen prompts.

Signing in to a Google Account

If an application requires a Google Account, Add a Google Account appears. Sign in to use the application.

1

In Add a Google Account, Existing



2

Enter email address → Next → Enter password → ▶

3

Follow onscreen prompts

You are signed in to your Google Account.

Google Play

Download free and paid applications via Google Play. Downloaded applications can be updated manually or automatically. Sign in to a Google Account beforehand.

Google Play Cautions

Application Installation Disclaimer

Download and install applications on this handset via Google Play (developed by Google Inc.) at your own risk. SoftBank Mobile Corp. is not responsible for user installed application content (quality, reliability, legality, appropriateness, accuracy, etc.) or malfunctions installed applications may cause (due to viruses, etc.).

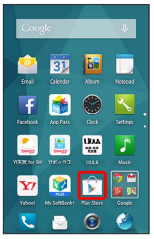
Google Play Operations & User Interface

Operations and user interface are subject to change due to automatic application updates or other reasons.

Installing Free Applications

1

In app sheet, (Play Store)



Google Play opens.

・If confirmation appears, follow onscreen prompts.

2

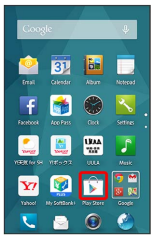
Tap free application → INSTALL → ACCEPT

Application downloads and installs.

Purchasing Applications

1

In app sheet, (Play Store)



Google Play opens.

・If confirmation appears, follow onscreen prompts.

2

Tap paid application → Tap price → Follow onscreen prompts

Application downloads and installs.

Purchased Applications

Payment

Pay once. Re-downloads of uninstalled applications are free of charge.

Use on Other Android Devices

Install same application on other Android devices under same Google Account at no added cost.

Refund Requests

Request refunds within designated period. Returned applications are deleted from handset; no payment is required. (One refund request per application.)

In Google Play, on Action Bar → My apps → Tap application → REFUND

・See "Get Help with Google Play" for details.

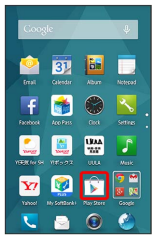
Application Purchase Disclaimer

Purchase applications at your own risk. SoftBank Mobile Corp. is not responsible for transactions between users and third party publishers.

Updating Installed Applications

1

In app sheet, (Play Store)



Google Play opens.

・If confirmation appears, follow onscreen prompts.

2

on Action Bar → My apps → Tap application → UPDATE → Follow onscreen prompts

Application downloads and installs.

・If confirmation appears, follow onscreen prompts.

Enabling Automatic Updates

In Google Play, on Action Bar → My apps → Tap application → ☰ → Auto-update (☑)

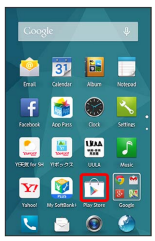
・Automatic update is not available for some applications.

Uninstalling Applications

Applications installed via Google Play can be uninstalled.

1

In app sheet, (Play Store)



Google Play opens.

・If confirmation appears, follow onscreen prompts.

2

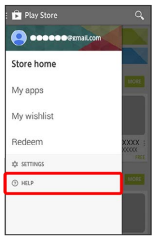
on Action Bar → My apps → Tap application → UNINSTALL → OK

Application uninstalls.

Get Help with Google Play

1

In Google Play, on Action Bar HELP



The Web browser will take you to the Google Play Help Web page.

2

Follow onscreen prompts

A description for each item appears.

Security Codes

Code Types

Center Access Code (Call Barring Password; 4-digit code in contract) is required to use Optional Services from landlines or subscribe to fee-based information.

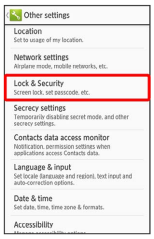
- Do not forget Operation Password and Center Access Code (Call Barring Password). If you forget these codes, contact us for recovery. For details, contact SoftBank Customer Support, General Information.
- Do not reveal Operation Password or Center Access Code (Call Barring Password). SoftBank Mobile Corp. is not liable for misuse or damages.
- Call Barring settings will be locked if incorrect Center Access Code (Call Barring Password) is entered three times consecutively when making a setting. To unlock, the code must be changed. For details, contact SoftBank Customer Support, General Information.
- If Call Barring Password has been previously changed on a mobile phone, enter the latest code to set Call Barring.

Setting Operation Password

Do not forget Operation Password; write it down if necessary.

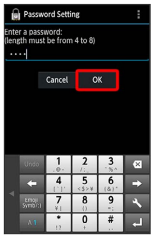
1

In app sheet, (Settings) ➔ Other settings ➔ Lock & Security



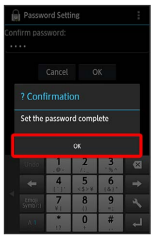
2

Operation password setting ➔ OK ➔ Enter Operation Password ➔ OK



3

Re-enter Operation Password ➔ OK ➔ OK



Operation Password is set.

・To change Operation Password, refer to the steps above. (In **2**, enter current Operation Password to proceed.)

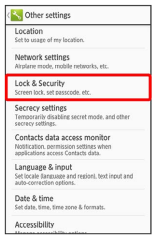
USIM PIN

PIN is a code for USIM Card. 9999 by default; enable USIM card lock to restrict handset use.

Enabling USIM Card Lock

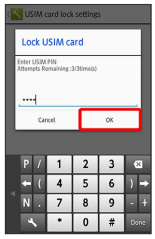
1

In app sheet, (Settings) ➔ Other settings ➔ Lock & Security



2

USIM card lock settings ➔ Lock USIM card ➔ Enter PIN ➔ OK (☑)



USIM card lock is enabled.

PIN Cautions

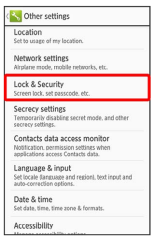
Entering incorrect PIN three consecutive times activates PIN Lock. To cancel, Personal Unblocking Key (PUK) is required; contact SoftBank Customer Support, General Information. Entering incorrect PUK ten consecutive times activates PUK Lock, disabling handset. For recovery, USIM Card must be reissued at a SoftBank Shop (fees apply).

Changing USIM PIN

Lock USIM Card first. See "Enabling USIM Card Lock" for details.

1

In app sheet, (Settings) ➔ Other settings ➔ Lock & Security



2

USIM card lock settings ➔ Change USIM PIN ➔ Enter current PIN ➔ OK ➔ Enter new PIN ➔ OK ➔ Re-enter new PIN ➔ OK

PIN is changed.

Screen Lock

After a period of inactivity, Display goes completely dark to save battery power (Screen lock active). Screen lock prevents accidental Touchscreen operation.

If Screen Lock Activates while Playing Music

Music continues to play. For operation, Press ⏻ to open Welcome sheet (lock screen) and use operation panel (operations may vary depending on application).

Activating Screen Lock Manually

1

When Display is active, ⏻

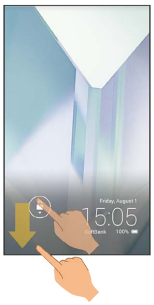
Display goes completely dark and Screen lock activates.

Canceling Screen Lock

Press [⏻] to open Welcome sheet (lock screen).

1

In Welcome sheet (lock screen), Drag [🔒] down



Screen lock is canceled.

・Screen lock option can be changed. See "Lock & Security Settings" for details.

If You Forget Pattern for Canceling Screen Lock

When drawing a pattern to cancel Screen Lock with a Google Account set up, Pattern reminder appears after failing to cancel Screen Lock five consecutive times.
Tap Pattern reminder and sign in to the Google Account to cancel Screen Lock.

Screen Lock Caution

Do not forget pattern, Lock No. passcode or password set for canceling Screen lock (write it down if necessary). If you forget it, visit the nearest SoftBank Shop for recovery procedure. Note that your files and settings will be lost during the recovery process.

Hiding Contacts

Specify contacts as secret entries requiring Operation Password for viewing.

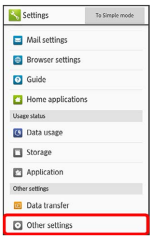
Specifying Contacts as Secret Entries

Contacts specified as secret are not shown in contacts window, destination selection window, etc.

・Phone number is shown for arriving call.

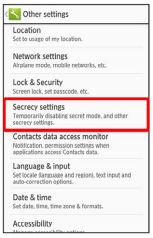
1

In app sheet, [Settings] (Settings) ➔ Other settings



2

Secrecy settings



3

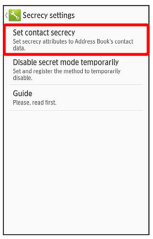
Enter Operation Password ➔ OK

Secrecy settings open.

・If confirmation appears, follow onscreen prompts.

4

Set contact secrecy



Set contact secrecy window opens.

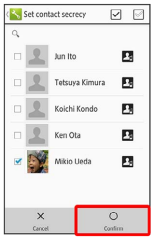
5

Tap contact to set as secret (☑)

・Several contacts are selectable.

6

Confirm



Secrecy setting for contact is made.

・Secret mode is set once screen locks.

Viewing Guide for Secrecy Setting

In Secrecy settings, Guide → Disable secret mode for now / Contact secrecy function

・Tap items to view details.

Canceling Secret Mode Temporarily

Cancel Secret mode temporarily to view/use contacts.

・Secrecy settings for contacts can be made while Secret mode is temporarily canceled.

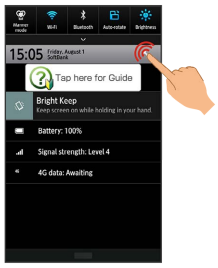
1

Drag Status Bar down

Notifications Window opens.

2

Touch & Hold



Entry window for Operation Password opens.

3

Enter Operation Password → OK

Secret mode is temporarily canceled.

Setting Operation Password for Temporarily Canceling Secrecy Settings

In Secrecy settings, Disable secret mode temporarily → Operation password setting → OK → Enter current Operation Password → OK → OK → Enter new Operation Password → OK → Enter new Operation Password again → OK → OK

・The setting made here is reflected in Operation password setting in Lock & Security.

Software Updates

Before Software Update

Handset data may be lost to damage, malfunction, etc. Back up important information before updating software. SoftBank Mobile Corp. is not liable for loss or associated damages.

Software Update Cautions

During Update

Handset cannot be used until Software Update completes; it may take some time to complete.

Signal Conditions

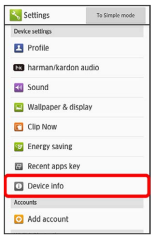
Check signal strength and battery charge beforehand. Poor signal strength or low battery charge may disrupt updates leading to update failure. Update failure may disable handset.

Software Updates

At specified time, handset automatically checks for/downloads firmware updates as required. To update firmware manually:

1

In app sheet, (Settings) Device info



2

Software update

Software update menu opens.

3

Software update Execute Follow onscreen prompts

Software Update starts.

Software Update Operations

Enabling/Disabling Automatic Updates

In Software update menu, Auto update settings Do not update automatically or Update automatically

Changing Automatic Update Start Time

In Software update menu, Update time settings Select time Set

・Available when Update automatically is set in Auto update settings .

Visiting Manufacturer's Website

Connect easily to Sharp's special site for Android terminals, "SHSHOW."

Accessing Manufacturer's Website

1

In app sheet, (Entertainment) (メーカーアプリ) (maker app)

Manufacturer's website is accessed.

・If confirmation appears, follow onscreen prompts.

Handset Interface

Welcome Sheet (Lock Screen) Basics.....48
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Using Mini-Applications & Mini-Widgets.....55
Customizing Feel UX Home.....56
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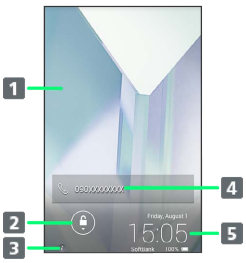
Copying Onscreen Text (Copy Anywhere).....61
Using KAKU Notepad.....62

Welcome Sheet (Lock Screen) Basics

Welcome sheet (lock screen) appears at power on or when [⏻] is Pressed while Display is completely dark (Screen lock active).
From Welcome sheet (lock screen), cancel Screen lock, activate an application such as Phone or Mail, etc. Add widgets in Welcome sheet (lock screen).

Welcome Sheet (Lock Screen) Layout



1 Wallpaper (and widget)[1]
2 Drag down to cancel Screen lock; Tap for applications, settings, etc.
3 Tap to show owner information.[2]
4 Notifications of missed calls, new messages, etc. appear here.
5 Date and time, weather, widget name, etc.[1]

1 Flick left/right to toggle view.
2 Set owner information beforehand. See "Lock & Security Settings" for details.

Activating Applications

Activate applications from Welcome sheet (lock screen) as follows.

・Change assigned applications as needed.

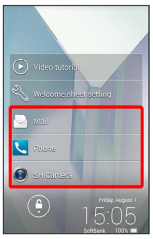
1

In Welcome sheet (lock screen), Tap

Menu opens.

2

Tap application



Application activates.

・Tap Video tutorial for a video tutorial (Japanese) on functions.
・Tap Welcome sheet setting to open menu for customizing Welcome sheet (lock screen). Alternatively, Tap (Settings) in app sheet Wallpaper & display Welcome Sheet(lock screen). See "Wallpaper & Display Settings" for details.

Notifications (Missed Calls, New Messages, Etc.)

Information such as phone number and email address appear in Welcome sheet (lock screen). Name appears for missed calls and new messages if saved in Address Book.
Drag phone number, email address, name, etc. down to open.

Adding Widgets

1

In Welcome sheet (lock screen), Flick indicator (date/time, etc.) at bottom of Display left/right for Add Widget

2

＋ ➔ Tap widget

Widget is added.

・Touch & Hold widget ➔ Drag to new location to rearrange widgets.

・Touch & Hold widget ➔ Drag to Remove to remove widget.

Feel UX Home Basics

Feel UX Home consists of app sheet, desktop sheet, and dock. Most operations start here.
Access applications and widgets, change handset settings, etc.

Toggling Sheets

Activate applications in app sheet, access widgets or save shortcuts to frequently-used applications in desktop sheet, and quick-activate selected applications in dock from any sheet.

・Flick left/right to toggle sheets.

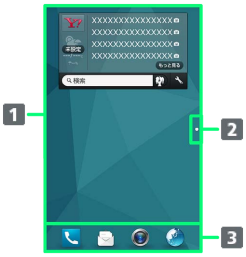
App Sheet Layout

1 Activate applications. (Flick up for hidden pages.)

2 Tap to toggle pages (larger dot indicates current page position).

3 Dock: Activate applications quickly from any Feel UX Home sheet.

Desktop Sheet Layout



1 Use widgets. (Flick up for hidden pages[1].)

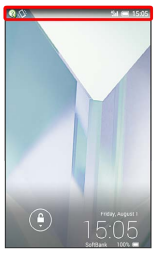
2 Tap to toggle pages (larger dot indicates current page position).[1]

3 Dock: Activate applications quickly from any Feel UX Home sheet.

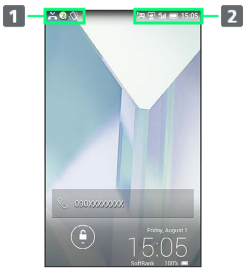
1 Available when application shortcuts and widgets are added. See "Adding Shortcuts" and "Adding Widgets" for details.

Status Bar

Indicators (new message notification, handset status, etc.) appear at the top of Display.



Status Bar Layout



1 Notifications, warnings, etc. appear here. (Notification Indicators)

2 Handset status and other information appear here. (Status Indicators)

Notification Indicators

Notification Indicators appear on the left.

Indicator	Description
	Guide Available (Drag Status Bar down and open from Notifications Window)
	Bright Keep On
	Urgent News
	Call Arriving/in Progress
	Call on Hold
	Missed Call
	New Answer Phone Message
	New Voicemail
	New SMS/S! Mail
	New Email
	New Gmail
	Unchecked Alarm
	Calendar Event
	Application Update Available
	Application Installation Complete
	Text Entry Window (Choose Input Method)
	Data Downloading
	Bluetooth® File Reception Request
	SD Card Unmounted
	Reading SD Card
	Connected via USB
	Screenshot Captured
	Screenshot Failed
	Screenshot Captured (Clip Now)
	Screenshot Failed (Clip Now)
	More Notifications
	Mobile Light On

Status Indicators

Status Indicators appear on the right.

Indicator	Description
	Battery Strength
	Charging
	Signal Strength
	No Signal (4G LTE/4G/3G)
4G	4G LTE/4G Data in Use[1]
3G	3G Data in Use
	Airplane Mode
	Wi-Fi Connected
	Bluetooth® On
	Bluetooth® Connected
	Manner (Standard) Mode
	Manner (Drive) Mode
	Manner (Silent) Mode
	Getting Location Information
	Answer Phone Set
	Answer Phone Set (Message Recorded)
	Alarm Set
あ	Kanji Mode
AB	Half Alphabet Mode
12	Half Numeric Mode
A	Full Alphabet Mode
1	Full Numeric Mode
区	Character Code Mode

1 Corresponding indicator appears when handset is connected to FDD-LTE (SoftBank 4G LTE) or AXGP (SoftBank 4G). Between these Networks, handset connects to SoftBank 4G whenever possible.

Notifications Window

Open notifications, check handset status or change various settings.

Opening Notifications Window

1

Drag Status Bar down

Notifications Window appears.

・To close Notifications Window, Tap .

Notifications Window Operations

Deleting Notifications

In Notifications Window, Flick notification left/right

・Some notifications may not be deleted.

Enlarging/Shrinking Notifications in Notifications Window

In Notifications Window, Pinch/Spread notification

・Unavailable for some notifications.

Viewing Application Information from Notifications Window

In Notifications Window, Touch & Hold notification for information App info

Notifications Window Layout

1 Setting keys

2 Show second and subsequent lines of Setting keys.

3 Notifications and active functions

4 Use corresponding functions.

5 Handset status[1]

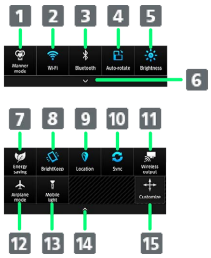
6 Open Settings.

7 Delete all notifications and close Notifications Window.

8 Close Notifications Window. (Flick up.)

1 Tap for corresponding settings.

Setting Keys



1 Set Manner mode option.
2 Toggle Wi-Fi on/off.
3 Toggle Bluetooth® on/off.
4 Enable/disable Auto-rotate screen.
5 Set Display brightness.
6 Show second and subsequent lines of Setting keys.
7 Toggle Energy saving settings on/off.
8 Set Bright Keep.
9 Manage use of location information.
10 Enable/disable account sync.
11 Open Wireless output menu.
12 Enable/disable Airplane mode.
13 Turn on/off Mobile Light.
14 Hide second and subsequent lines of Setting keys.
15 Open window for customizing Setting keys.

Rearranging, Adding or Deleting Setting Keys

In Notifications Window, Customize → Drag icon to rearrange, add or delete it → ✓ on Action Bar

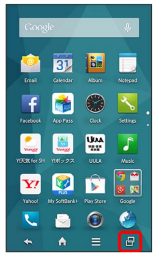
・To delete, Drag icon to unused key area (right above Navigation Bar). To add, Drag icon from unused key area to target location.

Using Quick Launcher

Activate recently used applications as well as assigned applications, mini-applications and mini-widgets.

Opening Quick Launcher

1



Quick Launcher opens.

・If Recent applications is set in Recent apps key, recent applications window appears instead. For details on Recent apps key, see "Recent Apps Key Setting."

Quick Launcher/Recent Applications Operations

Deleting Single Usage History Item

In Quick Launcher, History → Flick item down

・In recent applications window, Flick item left/right.
・Corresponding application exits if running.

Adding Applications, Shortcuts, Etc. to Quick Launcher's Favorites

In Quick Launcher, Favorites → ⊞ → Select item

Changing Applications, Shortcuts, Etc. in Recent Applications Window

In recent applications window, Touch & Hold application/shortcut → 🔧 → Select Application or Shortcut → Select item

・To reset applications/shortcuts, Touch & Hold application/shortcut in recent applications window → 🔧 → To default → Yes.

Deleting Applications and Shortcuts

In Quick Launcher, Favorites → Touch & Hold application/shortcut → Peel off

・In recent applications window, Touch & Hold application/shortcut → 🔧 → Peel off → Yes.
・Some applications can be uninstalled as follows; Touch & Hold application → Delete application → OK.

Rearranging Applications and Shortcuts in Quick Launcher's Favorites

In Quick Launcher, Favorites → Touch & Hold application/shortcut → Drag to target location

Adding Mini-Applications/Mini-Widgets

In Quick Launcher, Mini apps → + → Add mini application / Add widget → Tap mini-application or mini-widget to add

- In recent applications window, Another View → + → Add mini application / Add widget → Tap mini-application or mini-widget to add.

Deleting Mini-Applications/Mini-Widgets

In Quick Launcher, Mini apps → Touch & Hold mini-application/mini-widget → Peel off

- In recent applications window, Another View → Touch & Hold mini-application/mini-widget → Peel off .
- For some applications, Touch & Hold mini-application → Delete application → OK to uninstall application. Re-install uninstalled applications with Add from Play Store in Add mini application .

Changing Mini-Widget Names

In Quick Launcher, Mini apps → Touch & Hold mini-widget → Change name → Enter mini-widget name → OK

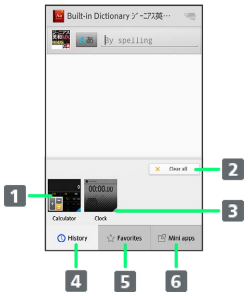
- In recent applications window, Another View → Touch & Hold mini-widget → Change name → Enter mini-widget name → OK .

Rearranging Mini-Applications/Mini-Widgets

In Quick Launcher, Mini apps → Touch & Hold mini-application/mini-widget → Drag to new location

- In recent applications window, Another View → Touch & Hold mini-application/mini-widget → Drag to new location.

Quick Launcher Layout



1. Activate recently used application.
2. Delete all history items for recently used applications.
3. Indicates application state. (Appears blue when corresponding application is running.)
4. Show history items for recently used applications.
5. Show shortcuts to frequently-used applications, bookmarks, etc.
6. Show mini-applications and mini-widgets.

Recent Applications Window Layout

1. Activate application that supports the assist function.
2. Shortcuts to applications, bookmarks, etc.
3. Delete all history items for recently used applications.
4. Activate recently used application.
5. Indicates application state. (Appears blue when corresponding application is running.)

Using Mini-Applications & Mini-Widgets

Mini-Application/Mini-Widget Usage Note

While using a mini-application or mini-widget, videos may not play properly in other applications.

Activating Mini-Applications/Mini-Widgets

While using applications, watch videos, open a map, etc. in mini-application window or mini-widget window.

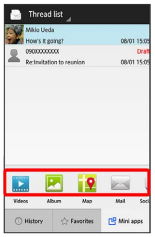
・May be unavailable depending on current application window.

1

Quick Launcher opens.

2

Mini apps → Tap mini-application or mini-widget



Mini-application window or mini-widget window opens.

・Follow onscreen prompts.

Mini-Application/Mini-Widget Operations

Moving Mini-Application/Mini-Widget Window

Drag mini-application/mini-widget window by frame to new location

Minimizing Mini-Application/Mini-Widget Window

In mini-application/mini-widget window, ⋮ → Minimize

・Alternatively, for some applications, Tap .

Using Mini-Application/Mini-Widget Data and Information with Other Application

Touch & Hold mini-application/mini-widget window → Drag data or information to other application

・In mini-application window (Album), ⋮ → Paste selected → Tap data ( ) → Paste to insert multiple data at the same time.

Showing Data Selection Screen from Mini-Application Window (During Video Playback)

In mini-application window (during video playback),

Adding Mini-Widgets in Mini-Widget Window

In mini-widget window, ⋮ → Add widget → Tap widget to add

Deleting Mini-Widget from Mini-Widget Window

In mini-widget window, ⋮ → Remove widget → Tap widget to delete ( ) → Delete

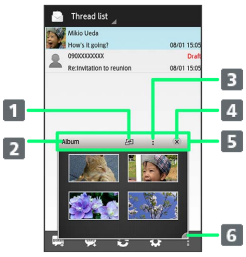
Setting Mini-Widget Background Color

In mini-widget window, ⋮ → Background color → Black / White / Translucence

Mini-Application Window/Mini-Widget Window Layout

If Operation Bar, indicators, etc. are hidden during playback, Tap mini-application window or mini-widget window to show them again.

・Window interface varies by application/widget.



1 Open standard application window.[1]
2 Application/widget name
3 Open menu.
4 Exit mini-application/mini-widget.[1]
5 Operation Bar
6 Drag to change size of mini-application window/mini-widget window.

1 Icon may be hidden if mini-application window or mini-widget window is reduced. In this case, use menu for corresponding operation.

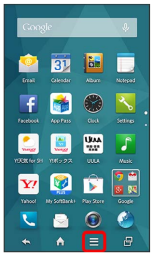
Customizing Feel UX Home

Set theme and Wallpaper, set layout of app sheet/desktop sheet and dock, and rearrange and collect icons/widgets in folders.

Setting Theme & Wallpaper

1

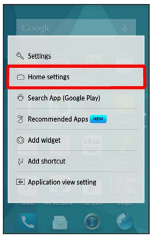
In Feel UX Home, ☰



Menu opens.

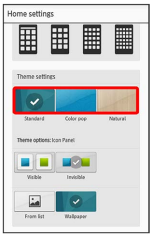
2

Home settings



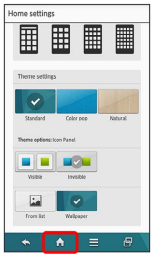
3

Tap theme (Standard , Color pop or Natural)



4

Tap image, color, pattern, etc. ➔ 🏠



Theme and Wallpaper are set.

・To select from images, Tap From list. Follow onscreen prompts.
・To show/hide icon background, Tap Visible or Invisible.
・Tap Wallpaper to use image set in Wallpaper under the Wallpaper & display menu.

Feel UX Home Operations

Viewing Video Tutorial

In Feel UX Home, ☰ ➔ Home settings ➔ View for Video tutorial

Showing/Hiding Dock

In Feel UX Home, ☰ ➔ Home settings ➔ OFF / ON for Display Dock

・Tap OFF to toggle on (ON), ON to toggle off (OFF).
・Add shortcuts for frequently-used applications to dock.

Showing/Hiding Guide Tab when Switching to App Sheet/Desktop Sheet

In Feel UX Home, ☰ ➔ Home settings ➔ OFF / ON for Show guide tab

・Tap OFF to toggle on (ON), ON to toggle off (OFF).

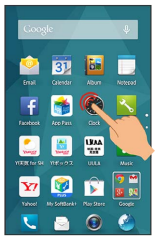
Setting Home Position

In Feel UX Home, ☰ ➔ Home settings ➔ Apps Sheet / Desktop Sheet for Home Position Settings

Moving Icons/Widgets

1

In Feel UX Home, Touch & Hold icon/widget



2

Drag to target location

Release to place icon/widget.

・To a folder: Drag icon to target folder.

Icon Arrangement Operations in Feel UX Home

Force-Stopping/Disabling Applications

In app sheet, Touch & Hold icon ➔ App Info ➔ Force stop / Disable

・Follow onscreen prompts.
・Some applications always remain enabled.

Hiding Applications

In Feel UX Home, ☰ ➔ Application view setting ➔ ON for application to hide

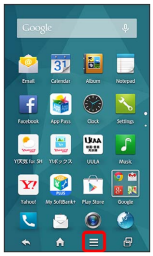
・Tap OFF to show application again. Icon appears at end in app sheet.

Changing Icon Layout

Change layout of icons in app sheet (columns/rows per screen).

1

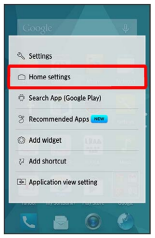
In Feel UX Home, ☰



Menu opens.

2

Home settings



3

In Layout Setting, Simple / 3×4 / 4×5 / 5×6

Layout is changed.

・If confirmation appears, follow onscreen prompts.
・Select Simple for large icons and text without showing desktop sheet.

Enable/Disable Google Search Widget in App Sheet

In Feel UX Home, ☰ ➔ Home settings ➔ OFF / ON for Display Google Search

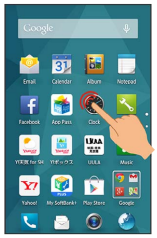
・Tap OFF to toggle on (ON), ON to toggle off (OFF).

Adding Folders

Add folders to collect icons.

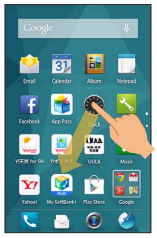
1

In Feel UX Home, Touch & Hold icon to place in folder



2

Drag to other icon to place in folder



Folder is added, and 2 icons are saved in folder.

・Also create folders in dock.

Changing Folder Names

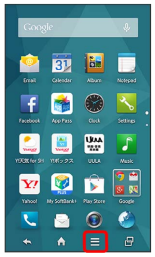
In Feel UX Home, Tap folder ➔ Tap name entry field at top of Display ➔ Enter folder name ➔ Next

Adding Shortcuts

Add an application shortcut as follows.

1

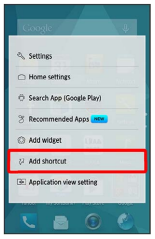
In Feel UX Home, ☰



Menu opens.

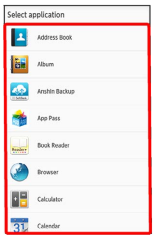
2

Add shortcut



3

Application ➔ Tap application



Shortcut is added.

Shortcut Arrangement Operations in Feel UX Home

Adding Shortcut from App Sheet to Desktop Sheet

In app sheet, Touch & Hold icon ➔ Add shortcut

Deleting Shortcuts

In desktop sheet, Touch & Hold icon ➔ Peel off

Adding Widgets

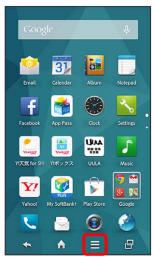
Add Album, Calendar, etc. as follows.

Widget	Description
(4×1) Y!天気 for SH (Y! tenki for SH)	Always-onscreen weather forecasts for a preset region or local area. Check weather and predicted rainfall from Status Indicator while using another application.
(1×1) メーカーアプリ／(4×1) メーカーアプリ (maker app)	Easy access to manufacturer app "SHSHOW."
Album	View photos and videos captured with handset Camera.
Bookmark list	Open Browser bookmarks.
Bookmarks	Open Chrome bookmarks.
Calendar	View a calendar.
Clock & Information/ Clock & Information (Calendar)	Check a clock and notifications for missed calls and Answer Phone messages.
Drive	Use Google Drive.
Email	Check email.
Facebook Buttons	Post updates/photos and check in.
Facebook Status	Check friends' updates and post your own updates.
Gmail	Quickly check messages by selecting label.
Google Now™	Shows timely information automatically based on time of day, current location, and location history.
Google Play Books	Bookshelf displaying covers of books readable with Play Books. Bookshelf rotates, allowing you to directly access books you want to read.
Google Search	Search webpages and handset.
Google+ posts	Check posts, etc. to Google+.
Google+ User Locations	Check locations of Google+ users.
Kingsoft Office	View and create documents.
Mail (easy mode)/Mail (detail mode)	Check S! Mail.
Music	Play music.
Play - My Library	View video, book, and other contents.
Play Recommendations	View recommended contents from Google Play.
Play Store	View random presentation of applications available from Play Store.

Power control	One-touch on/off for Wi-Fi, Bluetooth®, location information, Display brightness, etc.
SH Camera	Register frequently-used shooting modes to quickly activate for appropriate scenes.
Social Board	Check posts to Facebook/Twitter/mixi/ etc. at the same time.
World Clock	Check a world clock.
Y!乗換案内ウィジェット (Y! norikae annai widget)	Search routes using railway, bus, plane, etc., and check route maps and delay information.
Yahoo! JAPAN Widget for SoftBank（4×1）/ Yahoo! JAPAN Widget for SoftBank（4×2）	Official Yahoo! JAPAN widget makes home screen more convenient. Search with Yahoo! right from the search window and quickly check news and weather. Open Yahoo! JAPAN top page with a single Tap.
YouTube	View talked-about videos, etc.
株価 (Stocks)	Check stocks information for Y!ファイナンス (Y! finance).
電子書籍 GALAPAGOS (denshi shoseki GALAPAGOS)	Easy access to GALAPAGOS STORE.

1

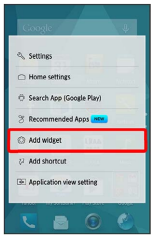
In Feel UX Home,



Menu opens.

2

Add widget



3

Tap widget

Widget is added.

Removing Widgets

In desktop sheet, Touch & Hold widget → Peel off

Temporarily Disabling Touch Operation

Set Childlock to disable touch operation temporarily and prevent unintended operation.

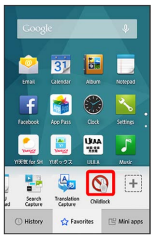
Operations when Childlock is Set

While touchscreen operation is disabled, answer calls normally. Also operate Volume Up/Down Keys normally.

Setting Childlock

1

Favorites (Childlock)



2

OK

Childlock is set.

Canceling Childlock

Press ⏻ or allow Display to turn off after a period of no operation to automatically cancel Childlock.

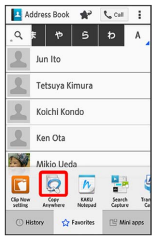
Copying Onscreen Text (Copy Anywhere)

Using Copy Anywhere

・Show content to copy on Display beforehand.

1

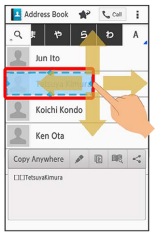
Favorites (Copy Anywhere)



Copy Anywhere window opens.

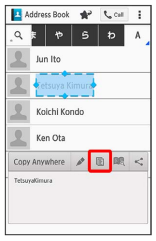
2

Trace over area to copy Drag frame to specify scan area



Text is scanned (scan result window).

3



Text is copied.

Copy Anywhere Operations

Editing Scanned Text

In scan result window, Edit text OK

Looking Up Scanned Text in Dictionary

In scan result window,

Using KAKU Notepad

Write notes on Display and save them as images. Attach saved images to email or share them.

Writing Notes on Display

・Show content on Display to add notes to beforehand.

1

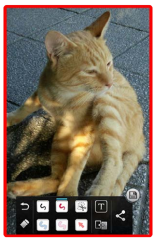
(KAKU Notepad) ➔ Favorites ➔ (KAKU Notepad)

Pencil palette opens.

・If confirmation appears, follow onscreen prompts.
・If pencil palette is minimized, Tap pen or tool with ▲ to return to original size. ☰ ➔ Time to switch to simplified display to set time delay until pencil palette minimizes.
・Move pencil palette by Dragging toward top or bottom of Display.

2

Tap pen (, etc.) ➔ Trace on Display to create notes



・Pencil palette is half-transparent while creating notes.

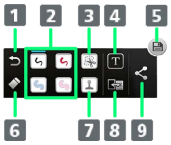
3

After completing notes, 💾

Screen with added notes is saved as an image.

・Open Photo in Contents Manager to view saved image.

Pencil Palette Layout



1 Undo
2 Pens[1]
3 Clip out[1]
4 Enter text
5 Save
6 Eraser
7 Stamp[1]
8 Change background
9 Save & share/save as PDF

1 Tap again while using to change pen color/thickness, cut-out method, stamp type, etc.

Phone

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Calling

See below to dial directly or answer calls. (Handset does not support Video Call.)

In-Call Misoperation Prevention Feature

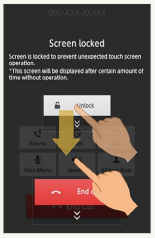
Display Turning Off during a Call

Contact with face, etc. during a call causes Display to turn off to prevent misoperation. Distance handset or Press ⏻ for normal Display.

・Note that while Power key ends call in call settings is enabled, Pressing ⏻ ends call. See "Call Settings" for details.

Screen Lock during a Call

After a period of inactivity during a call, misoperation-preventing lock screen appears and touch operation is disabled. To operate screen, Drag Unlock down to unlock screen.



・Drag End call down to end call.

・Available when Screen lock during call setting is enabled. In app sheet, (Settings) Wallpaper & display Screen lock during call to toggle on (☑)/off (☐).

Troubleshooting

Q. Difficulty with call.

A. It may be difficult to make a call in a location with noise.

A. Check the call volume when using Speaker Phone. It may be difficult to make a call with a raised call volume.

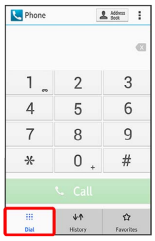
Q. Sound experiences popping during a call

A. Are you moving location during a call? Popping may occur when switching areas for a better signal. This is not a malfunction.

Placing Calls

1

In app sheet, (Basic) (Phone) Dial

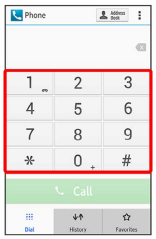


Call Window opens.

・When missed call window appears, Tap . If Feel UX Home returns, perform 1 again.

2

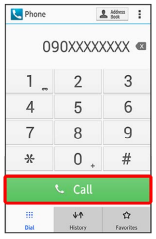
Use onscreen dialpad to enter number



・Include area code for landline numbers.

3

Call

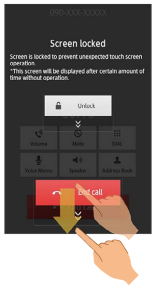


Handset dials the number.

・Wait for other party to accept the call.

4

To end the call, Drag End call down



Call ends.

・When misoperation-preventing lock screen is unlocked, Tap End call to end call.
・After calls to/from numbers not saved in Address Book, save to Address Book confirmation appears. Follow onscreen prompts.

Troubleshooting

Q. Call does not connect

A. Did you dial all digits for the number? Dial all digits for numbers starting with a "0" area code, etc.

A. Is the signal weak? Change locations and call again.

Emergency Call Caution

Emergency calls cannot be placed when Airplane mode is active. Long Press ⏻ and cancel it.

Answering Calls

1

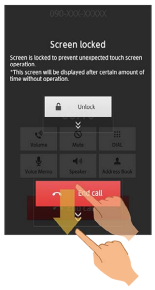
When a call arrives, Drag Answer down

Call connects.

・When Screen lock is canceled, Tap Answer .

2

To end the call, Drag End call down



Call ends.

・When misoperation-preventing lock screen is unlocked, Tap End call to end call.
・After calls to/from numbers not saved in Address Book, save to Address Book confirmation appears. Follow onscreen prompts.

Missed Calls

For unanswered calls, appears. In Welcome sheet (lock screen), notification appears.

1 Notification Indicator
2 Notification

・Drag Status Bar down for Notifications Window, then Tap missed call notification to open Call History. When Call and SMS are below missed call notification, Tap to call back or send SMS.
・Drag notification down to open Call History.

Arriving Call/Answer Phone Operations

Placing Call on Hold

As call is arriving, Drag Answer Holding down (Tap when screen unlocked)

・Caller incurs call charges while on hold.
・Tap Answer to answer call. If screen is locked to prevent misoperation, unlock first.
・To end call, Drag End call down.

Answering with Answer Phone

As call is arriving, ☰ ➔ Absence Memo

Playing Back Answer Phone Messages

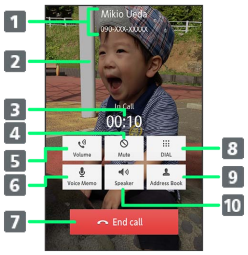
Drag Status Bar down for Notifications Window ➔ Tap Answer Phone notification ➔ Tap message

・Once playback ends, Display returns to message list.
・To pause playback, Tap Stop. If screen is locked to prevent misoperation, unlock first.

Rejecting Arriving Calls

As call is arriving, ☰ ➔ Reject

Call Window Layout/In-Call Operation



1 Other party name/number
2 Other party photo
3 Call time
4 Mute own voice.
5 Adjust volume/quality.
6 Record call.
7 End call.
8 Show dialpad.
9 Open Address Book.
10 Use Speaker Phone.

In-Call Operations

Adjusting Call Volume

During call, Volume Up/Down Key

Clearer Other-Party Voice (Noise Suppression)

During call, Volume ➔ Noise suppression (ON)

・If screen is locked to prevent misoperation, unlock first.

Slower Other-Party Voice (Slow Talk)

During call, Volume ➔ Slow talk (ON)

・If screen is locked to prevent misoperation, unlock first.

Recording Call (Voice Memo)

During call, Voice Memo

・If screen is locked to prevent misoperation, unlock first.
・To end recording, Tap Stop.
・See "Call Settings" for details on playing back Voice Memos.

Emergency Location Report

Using SoftBank 3G handset for emergency calls (110, 119 or 118) automatically reports handset location to corresponding agency (police, etc.).

- Location Report does not incur registration/transmission fees.
- Location/signal conditions affect positioning accuracy. Always provide location and call purpose.
- Hiding Caller ID (using 184, etc.) cancels Location Report. However, corresponding agency may obtain location information in life threatening situations.
- Location Report is not sent for calls made while outside Japan.

Calling from Address Book/Call History/Favorites

Calling from Address Book

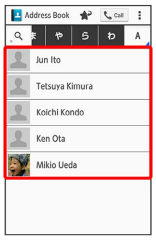
1

In app sheet, (Basic) (Address Book)

Address Book opens.

2

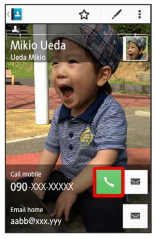
Tap tab Tap contact



Contact opens.

3

at right of number



Handset dials number. Call begins when other party answers.

4

To end call, Drag End call down

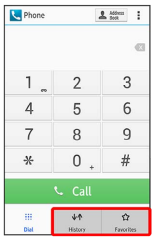
Call ends.

- If misoperation-preventing screen is unlocked, Tap End call to end call.

Calling from Call History/Favorites

1

In app sheet, (Basic) (Phone) History / Favorites



Call History/Favorites open(s).

- When missed call window appears, Tap . If Feel UX Home returns, perform 1 again.
- Consecutive calls with same person are collected in same history entry ( ). Tap for history.
- appears for outgoing calls, for incoming calls.

2

for person to call

Handset dials number. Call begins when other party answers.

3

To end call, Drag End call down

Call ends.

- If misoperation-preventing screen is unlocked, Tap End call to end call.

Call History/Favorites Operations

Viewing Call History Details

In Call History, Tap person to check

- History details open.
- Continue by Tapping SMS to send SMS.

Selecting and Deleting Call History Entries

In Call History, on Action Bar Tap person to delete ( ) Delete yes

Deleting All Call History

In Call History, Delete All yes

Adding Prefix Number when Calling from Call History

In Call History details, Add Prefix Tap prefix to add Call

- Tap Add 184 , Add 186 , etc. to add prefix.

Viewing Address Book Details for Favorites

In Favorites, Tap person to check

- Address Book details open.

Optional Services

Use these SoftBank Optional Services:

Optional Services

The following optional services are available.

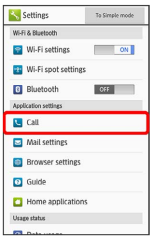
Service	Description
Call Forwarding	Divert all/unanswered calls to a preset number.
Voicemail	Divert all/unanswered calls to Voicemail Center; access messages via handset/ touchtone phones.
Call Waiting [1]	Answer calls during a call.
Group Calling [1]	Merge multiple calls.
Notify Caller ID	Send or hide your number when placing calls.
Call Barring	Restrict incoming/outgoing calls by conditions.

1 Requires separate subscription

Call Forwarding

1

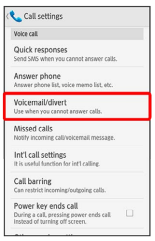
In app sheet, (Settings) Call



Call settings opens.

2

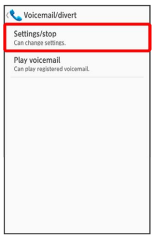
Voicemail/divert



Voicemail/divert menu opens.

3

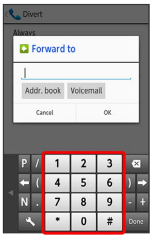
Settings/stop



Divert menu opens.

4

Always or No answer Enter number



- For No answer, Tap Wait time and select ring time as needed.
- To cancel Call Forwarding, Tap Stop call forward Yes.

5

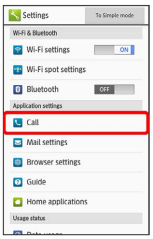
OK

Call Forwarding is set.

Voicemail

1

In app sheet, (Settings) Call



Call settings opens.

2

Voicemail/divert

Voicemail/divert menu opens.

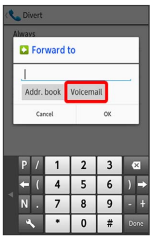
3

Settings/stop

Divert menu opens.

4

Always or No answer Voicemail



・For No answer , Tap Wait time and select ring time as needed.

・To cancel Voicemail, Tap Stop call forward Yes .

5

OK

Voicemail is set.

・When a new message is recorded, appears. To play messages, Tap Play voicemail in Voicemail/divert menu, then follow voice guidance.

Using Missed Calls

Setting Missed Calls

Handset notifies you of new calls when handset is powered off or out of service area.

In call settings, Missed calls Settings Call Follow audio guidance

Set Operation of Missed Calls

In call settings, Missed calls → Sounds & alerts →
Tap items → Follow onscreen prompts

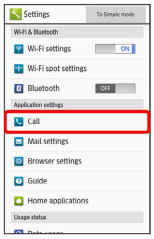
・Set Missed calls sound, Vibration pattern, Incoming calls lamp, and Ring duration.

Call Waiting

Requires separate subscription.

1

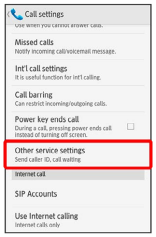
In app sheet, (Settings) → Call



Call settings opens.

2

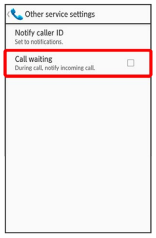
Other service settings



Other service settings opens.

3

Call waiting (☑)



Call waiting is set.

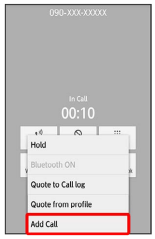
・During a call, a tone sounds for incoming calls; Drag right to answer. If screen is locked to prevent misoperation, unlock first.
・To cancel Call Waiting, Tap Call waiting (☐).

Group Calling

Requires separate subscription.

1

During a call, ☰ → Add Call



2

Enter number → Call

3

When call connects, ☰ → Merge calls

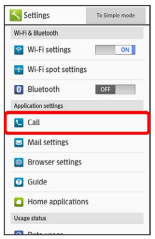
Group Calling starts.

・If screen is locked to prevent misoperation, unlock first.

Notify Caller ID

1

In app sheet, (Settings) Call



Call settings opens.

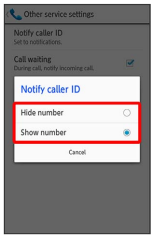
2

Other service settings

Other service settings opens.

3

Notify caller ID Hide number or Show number



Caller ID is set.

Call Barring

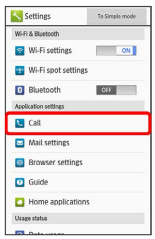
Restrict outgoing/incoming calls and SMS messages.

- Call Barring requires Center Access Code (Call Barring Password).
- Call Barring settings will be locked if incorrect Center Access Code (Call Barring Password) is entered three times consecutively when making a setting. To unlock, the code must be changed. For details, contact SoftBank Customer Support, General Information.
- If Call Barring Password has been previously changed on a mobile phone, enter the latest code to set Call Barring.
- When attempting to place/send a call/SMS while calling is restricted, a message appears. Message may take time to appear in some areas.

Restriction	Description
All outgoing calls	Restrict all outgoing calls.
Bar int'l call	Restrict international calls; while outside Japan, calls within current country are allowed.
Local & home only	Restrict international calls; while outside Japan, calls within current country and to Japan are allowed.
Restrict all incomings	Reject all calls.
Bar if abroad	Reject calls while outside Japan.

1

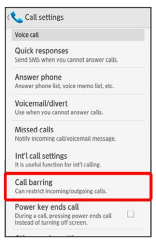
In app sheet, (Settings) Call



Call settings opens.

2

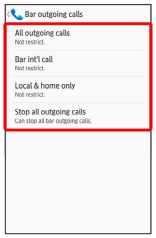
Call barring



Call barring menu opens.

3

Bar outgoing calls or Bar incoming calls → Tap option



4

Enter Center Access Code (Call Barring Password) → OK

Restriction is set.

Call Barring Operations

Canceling All Outgoing Call Restrictions

In Call barring menu, Bar outgoing calls → Stop all outgoing calls → Enter Center Access Code (Call Barring Password) → OK

Canceling All Incoming Call Restrictions

In Call barring menu, Bar incoming calls → Stop all incoming calls → Enter Center Access Code (Call Barring Password) → OK

Restricting Outgoing Calls to Specified Numbers

In Call barring menu, Restrict destinations → Enter Operation Password → OK → Specified phone number → Switch on/off (☑) → Call permitted list → <Empty> → Enter number → OK

Restricting Outgoing Calls to Numbers Saved in Address Book

In Call barring menu, Restrict destinations → Enter Operation Password → OK → Restrict address book (☑)

Rejecting Calls from Specified Numbers

In Call barring menu, Reject call → Specified numbers → Switch on/off (☑) → Reject numbers list → <Empty> → Enter number → OK

Rejecting Calls from Numbers Not Saved in Address Book

In Call barring menu, Reject call → Not registered numbers (☑)

Rejecting Calls with No/Undisplayable Caller ID or from Payphones

In Call barring menu, Reject call → Number not sent / Payphone / Unavailable (☑)

Troubleshooting

Q. Calling is not barred

A. Are you using Call Forwarding or Voicemail? Calling may not be barred even if All outgoing calls and Restrict all incomings are set.

Address Book

Save phone numbers and email addresses as well as birthdays, nicknames, etc.
Set ringtones for each contact as needed.

Address Book Caution

Contacts may be altered/lost if handset is left uncharged or due to accidents, malfunctions, repairs, handset upgrade/replacement, mishandling, etc. Back up important contacts and other data regularly. SoftBank Mobile Corp. is not liable for any damages resulting from loss/alteration of contacts.

Adding New Contacts

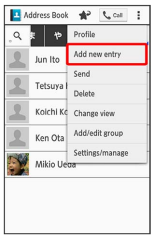
1

In app sheet, (Basic) (Address Book)

Address Book opens.

2

Add new entry



Add contact window opens.

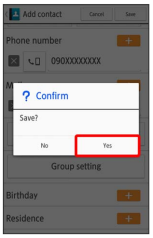
・If confirmation appears, follow onscreen prompts.

3

Tap item Complete entry

4

Save Yes



Contact is saved.

Operations when Saving Contacts

Saving Photo

In window for saving new contact, Tap top of image frame (face image, body image) Tap save method Save operation

Setting Operation for Arriving Voice Call

In window for saving new contact, Ring Set Tap item Follow onscreen prompts

・Set operation such as type of ringtone, vibration, etc.

Setting Groups

In window for saving new contact, Group setting Tap group ( ) Decision

・If no groups are saved, confirmation for adding group appears. Tap Yes for window for saving new group. Enter group name and Tap Save .

Showing Other Savable Items

In window for saving new contact, Other

・Save chat, nickname, GPS information, organization, etc.

Saving Type of Phone Number, Etc.

In window for saving new contact, Tap type (, etc.) Tap type to save

・If selecting Custom, enter type name.

Saving Several Different Phone Numbers, Etc. to Contact

In window for saving new contact, + for item to add to Enter number, etc.

Deleting Entered Phone Number, Etc.

In window for saving new contact, for item to delete

Saving Contact from Call Window

Save number entered in Call Window directly to Address Book.

In app sheet, (Basic) (Phone) Dial
Tap dialpad keys to enter number to save
Add to Address Book Follow onscreen prompts

Syncing with Contacts on Server

Sync handset Address Book with Google contacts, etc. on server. Also sign in to a Google account before syncing with a non-Google account.

In app sheet, (Settings) Tap account type
Tap account Tap application or data to sync ( )

Dialing from Address Book

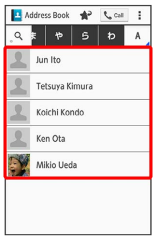
1

In app sheet, (Basic) (Address Book)

Address Book opens.

2

Tap tab Tap contact



Contact opens.

Address Book Operations

Changing View of Address Book

In Address Book, Change view Tap view

Viewing All Contacts in Favorites

In Address Book, on Action Bar

・To return to Address Book, Tap on Action Bar.

Making a Call

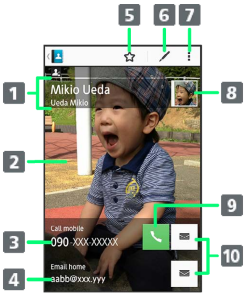
In contact details, at right of number

Sending Email

In contact details, at right of number or email address Create/send email

・If selection window for email application appears, follow onscreen prompts.

Contact Details Layout



1 Name
2 Full-body photo
3 Phone number
4 Email address
5 Favorites: add (☆)/remove (★)
6 Edit contact.
7 Open menu.
8 Face photo
9 Make call.
10 Create email.

・Flick up/down for other items.

Editing Contacts

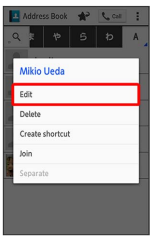
1

In app sheet, (Basic) ➔ (Address Book)

Address Book opens.

2

Tap tab ➔ Touch & Hold contact ➔ Edit



Edit window opens.

3

Edit items ➔ Save ➔ Yes

Contact is changed.

Operations when Editing Contacts

Saving Photo

In edit window, Tap top of image frame (face image, body image) ➔ Tap save method ➔ Save operation

Setting Operation for Arriving Voice Call

In edit window, Ring Set ➔ Tap item ➔ Follow onscreen prompts

・Set operation such as type of ringtone, vibration, etc.

Setting Groups

In edit window, Group setting ➔ Tap group (☑) ➔ Decision

・If no groups are saved, confirmation for adding group appears. Tap Yes for window for saving new group. Enter group name and Tap Save .

Showing Other Savable Items

In edit window, Other

・Save chat, nickname, GPS information, organization, etc.

Saving Type of Phone Number, Etc.

In edit window, Tap type (, etc.) Tap type to save

・If selecting Custom, enter type name

Saving Several Different Phone Numbers, Etc. to Contact

In edit window, + for item to add to Enter number, etc.

Deleting Entered Phone Number, Etc.

In edit window, × for item to delete

Deleting Contacts

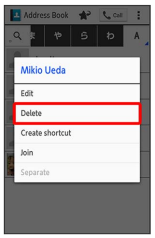
1

In app sheet, (Basic) (Address Book)

Address Book opens.

2

Tap tab Touch & Hold contact Delete



3

Yes

Contact is deleted.

Importing Contacts

Import Cautions

Contacts can only be imported when there is sufficient free memory on handset. Operation is halted if battery level is low. Import contacts with sufficient battery level.

Importing Contacts with Anshin Backup Application

Back up contacts to SoftBank-managed server (cloud), and import as needed.
See " あんしんバックアップアプリを利用する (http://help.mb.softbank.jp/aquos-crystal/pc/08-07.html)" (Japanese) for details.

Importing Contacts from SD Card

Import contacts backed up to SD Card on handset or other cell phone.

・Handset may be unable to correctly import contacts data depending on other device used to save data.

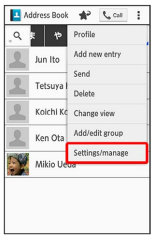
1

In app sheet, (Basic) (Address Book)

Address Book opens.

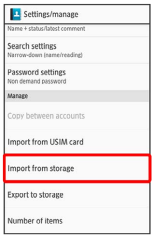
2

Settings/manage



3

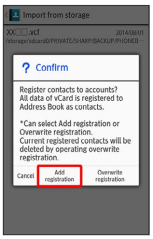
Import from storage



・If confirmation appears, follow onscreen prompts.

4

Enter Operation Password OK Tap file to import Register all Add registration



File is imported.

・To select contacts to import, Tap Register selected . Follow onscreen prompts.

・To delete all of handset Address Book before importing, Tap Overwrite registration .

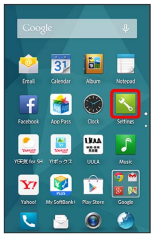
・If confirmation appears, follow onscreen prompts.

Importing Contacts with Bluetooth®

Use Bluetooth® to import contacts saved on another cell phone.

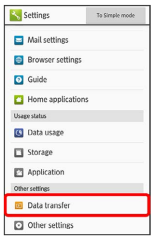
1

In app sheet, (Settings)



2

Data transfer



Data transfer window opens.

・Tap Function information to check description of function.

3

Data import → Import phonebook data from smartphone.

・Window for selecting cell phone to import from appears if SD Card is uninserted or backup data is not located. Follow onscreen prompts.

4

Follow onscreen prompts

Import of contacts data is complete.

Backing Up Contacts

Backup Cautions

Backup requires at least 11 MB of free memory on handset. Operation is halted if battery level is low. Back up contacts with sufficient battery level.

Backing Up Contacts with Anshin Backup Application

Back up contacts to SoftBank-managed server (cloud), and import as needed.
See " あんしんバックアップアプリを利用する (http://help.mb.softbank.jp/aquos-crystal/pc/08-07.html)" (Japanese) for details.

Backing Up Contacts to SD Card

Back up (save) contacts to SD Card.

・Another device may be unable to correctly import contacts data backed up with handset.

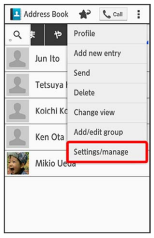
1

In app sheet, (Basic) (Address Book)

Address Book opens.

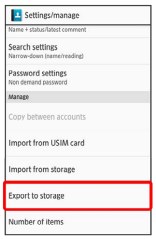
2

Settings/manage



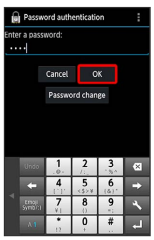
3

Export to storage



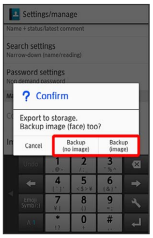
4

Enter Operation Password OK



5

Backup (no image) / Backup (image)



Backup is complete.

・If confirmation appears, follow onscreen prompts.

Messaging & Internet

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Messaging

S! Mail

Exchange messages with S! Mail-compatible SoftBank handsets and email compatible devices (other mobiles, PCs, etc.) beyond SMS character entry limit; attach media files.

SMS

Exchange short messages (up to 160 single-byte characters) using handset numbers as addresses.

Gmail

Gmail is Google's webmail service. Handset automatically syncs with Gmail.

Email

Use email (POP3/IMAP4) on handset.

・Set up an email account beforehand.
・Sending/receiving email on handset syncs handset and mail server; sent/received messages (in the POP protocol, received messages only) are also accessible from PCs.

S! Mail Initial Setup

Setting Up S! Mail Initially

When activating mail for the first time, complete setup to send/receive S! Mail using Wi-Fi and to import sent/received SMS by (Hangouts).

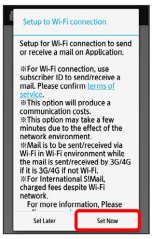
1

In app sheet, (Basic) (Mail)

Setup to Wi-Fi connection window opens.

2

Set Now



Wi-Fi connection setup is complete and thread list opens.

・To perform setup later, Tap Set Later .

Completing Wi-Fi Connection Setup for S! Mail via Menu Items

If you Tap Set Later at initial startup, complete setup to send/receive S! Mail using Wi-Fi as follows.

In thread list, Send/Receive Settings Wi-Fi Connection

Cautions for Sending/Receiving S! Mail Using Wi-Fi

International S! Mail Transmission Fees

Transmission fees apply when sending international S! Mail messages even if Wi-Fi is in use.

S! Mail Reception while Display is Completely Dark (Screen Lock Active)

To receive S! Mail messages using Wi-Fi even when Display is completely dark (Screen lock active), disable Wi-Fi sleep policy in Wi-Fi settings.

Thread List/Folder List

View mail in thread list or folder list.
Thread list is described in the User Guide.

Folder List

Operation may differ in folder list. See "SoftBankメールの取扱説明書 (http://help.mb.softbank.jp/app/smail/)" (SoftBank email user guide) (Japanese) for details.

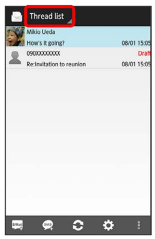
Switching between Thread List and Folder List

1

In app sheet, (Basic) (Mail)

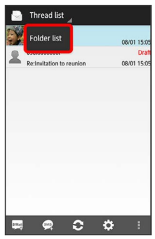
2

Tap name of the current list view



3

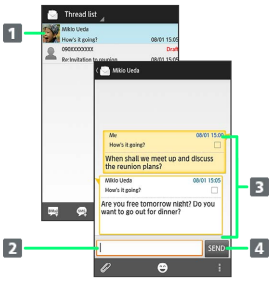
Tap name of the list view to change to



The list view switches.

Thread List

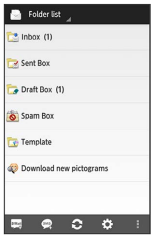
Sent and received S! Mail/SMS is displayed sorted by recipient. When viewing messages exchanged with Ueda-san, messages are displayed as a conversation with Ueda-san within a single thread.



1 Thread with mailing contact
2 Message text entry field
3 Exchanged message content
4 Send S! Mail/SMS

Folder List

Messages are sorted and saved in folders such as Inbox and Sent Box.



Sending S! Mail/SMS

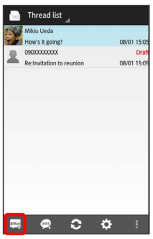
Drafts

When ↩ is Tapped while creating S! Mail or SMS, confirmation appears asking whether to save the message as a draft. Follow onscreen prompts.
Drafts are indicated as Draft in thread list, and are saved to Draft Box in folder list. Open an S! Mail/SMS draft to edit and send it.

Sending S! Mail

1

In app sheet, (Basic) ➔ (Mail) ➔



2

・Alternatively, enter phone numbers or email addresses in Recipient field directly.

3

Select recipients ➔ OK

・Tap Phonebook, Outgoing History, or Incoming History to select recipients from Address Book, Outgoing History, or Incoming History.
・Tap Mail Group to select a mail group and set all the members on the list as recipients.
・After setting recipients, Tap ○○○○ to check recipients' phone numbers/email addresses or set them to Cc/Bcc.
・To delete a recipient, Tap ○○○○ and then ✕.

4

Tap Subject field ➔ Enter subject

5

Tap Compose email field ➔ Enter text

6

SEND

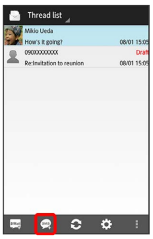
S! Mail is sent.

・Failed S! Mail messages are saved as drafts.

Sending SMS

1

In app sheet, (Basic) ➔ (Mail) ➔



2

・Alternatively, enter phone number in Recipient field directly.

3

Tap recipient

・Tap Phonebook , Outgoing History , or Incoming History to select recipient from Address Book, Outgoing History, or Incoming History.

・After setting recipient, Tap ○○○○ to check recipient's phone number.

・To delete recipient, Tap ○○○○ and then ✕ .

4

Tap Compose SMS field ➔ Enter text

5

SEND

SMS is sent.

・Failed SMS messages are saved as drafts.

Sending Decore Mail by S! Mail

Using a Template

Choose from a variety of designs to decorate mail.

1

In app sheet, (Basic) (Mail) Tap Compose email field Template Flick left/right to select template

2

SELECT

・If confirmation appears, follow onscreen prompts.

3

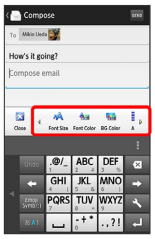
Enter recipients Enter subject Enter text SEND

Decore mail is sent.

Decorating S! Mail

1

While entering message text, Tap decoration type



Message is ready to be decorated.

・Flick left/right to view other decoration types.

2

Decorate following onscreen instructions

Decorate while entering message text.

Opening & Replying to S! Mail/SMS

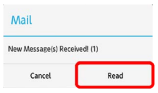
Handset receives S! Mail/SMS messages automatically by default. Optionally, retrieve messages manually, and also retrieve all messages stored on the server.

Opening New S! Mail/SMS

When message arrives, new message notice and Notification Indicator appear.

1

Read



S! Mail/SMS message window opens.

・To open new message from Notification Indicator, Drag Status Bar down for Notifications Window, then Tap corresponding notification.
・For two or more new messages, thread list opens.

Spam Mail

Set spam filtering to save messages from senders not in Address Book to Spam mail. New mail notification does not appear. To check messages saved to Spam mail:

In app sheet, (Basic) (Mail)

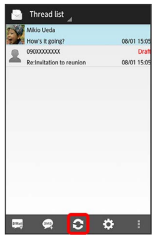
Spam mail

・If confirmation appears, follow onscreen prompts.

Retrieving S! Mail/SMS Manually

1

In app sheet, (Basic) (Mail)

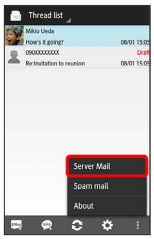


Mail is received.

Retrieving Server Mail

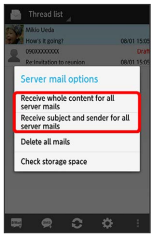
1

In app sheet, (Basic) (Mail) Server Mail



2

Receive whole content for all server mails / Receive subject and sender for all server mails



Server mail is received.

Replying to S! Mail/SMS

1

In S! Mail/SMS message window, /

2

Enter text SEND

Message is sent.

Forwarding S! Mail/SMS

1

In S! Mail/SMS message window,

2

Enter recipient(s) Enter text SEND

Message is forwarded.

Managing S! Mail/SMS

Viewing S! Mail/SMS

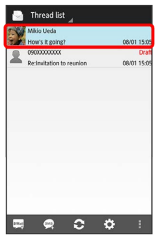
1

In app sheet, (Basic) (Mail)

Thread list opens.

2

Tap thread

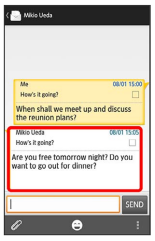


Thread details open.

・To open message drafts or unsent messages, Tap thread indicated as a draft to open thread details including draft/unsent messages.

3

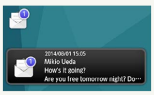
Tap message



S! Mail/SMS message opens.

Widgets

Add widget to desktop sheet to check message information. Widgets appear in simple (top of Display) and detailed (bottom of Display) views. Check number of unread messages in simple view. Check date/time and preview of messages in addition to number of unread messages in detailed view. Content of latest message appears if all messages are read.



Message Operations

Deleting All Server Mail

In thread list, Server Mail Delete all mails Delete

Checking Available Storage on Mail Server

In thread list, Server Mail Check storage space

Protecting Messages

In thread details, Tap for message ( )

・To cancel protection, Tap again.

Saving Attachments

In S! Mail/SMS message window, Tap for attachment to save ( ) Save

Deleting Threads in Thread List

In thread list, Touch & Hold thread Delete

Deleting Messages in Thread Details

In thread details, Tap for message ( ) Delete

Reporting Spam in Thread Details

In thread details, Tap for message ( ) Yes

・Only one message can be selected.

Reporting Spam in S! Mail/SMS Message Window

In S! Mail/SMS message window, Declare Spam Yes

Listing Addresses of Sender/Recipients in Thread Details

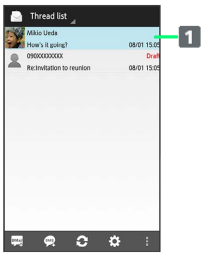
In thread details, ☰ → List Address

・Only one message can be selected.

Listing Addresses of Sender/Recipients in S! Mail/SMS Message Window

In S! Mail/SMS message window, 👥

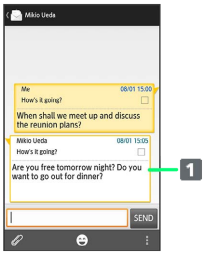
Thread List



1 Sender/subject/date & time sent, received, saved, etc.

Indicator	Description
⚠	Send failure

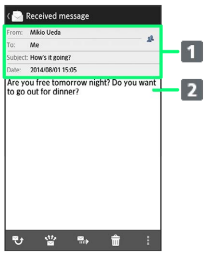
Thread Details



1 Sender/subject/date & time sent, received, saved/message text, etc.

Indicator	Description
📎	Attachment
✉	Delivery Report
❗	High Priority
⬇	Low Priority
🔒	Protected

S! Mail/SMS Message Window



1 Sender/recipients/subject/date & time sent, received, saved, etc.

2 Message text

Indicator	Description
👥	Sender/recipients list. Tap for list of addresses included in sender/recipient fields.
✉	Delivery report. Tap for report. Appears for sent messages.
📎	Attachment. Tap to save attachment.

Backing Up S! Mail/SMS Data

Back up message data on handset to SD Card.

・Back up messages saved on handset. Data for all messages must be backed up together at the same time.

1

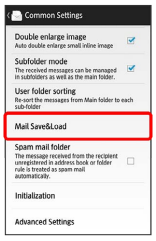
In app sheet, (Basic) (Mail)

2

Common Settings

3

Mail Save&Load

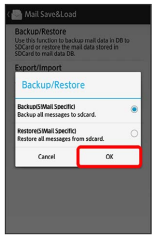


4

Backup/Restore

5

Backup(S!Mail Specific) OK



6

OK Airplane mode (☑)

Backup starts.

7

OK Airplane mode (☐)

Backup is complete.

Restoring S! Mail/SMS Data

Restore message data backed up to SD Card to handset.

1

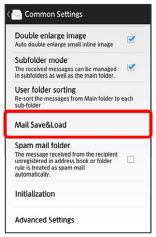
In app sheet, (Basic) (Mail)

2

Common Settings

3

Mail Save&Load

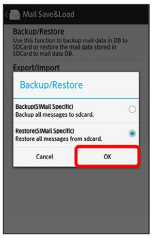


4

Backup/Restore

5

Restore(S!Mail Specific) OK

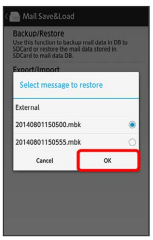


6

OK Airplane mode (☑)

7

Tap files to restore OK



Restore starts.

8

OK Airplane mode (☐)

Restore is complete.

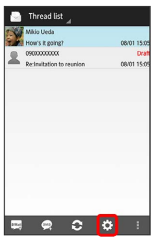
Moving S! Mail/SMS Data (Export)

Export message data on handset in vMessage format to SD Card. vMessage format is compatible with other smartphones and SoftBank mobile phones (3G).

・Export either received message data, sent message data, drafts, or unsent message data saved on handset all together. Data for all messages must be saved together at the same time.

1

In app sheet, (Basic) (Mail)

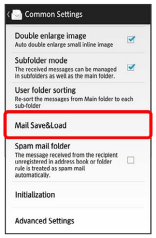


2

Common Settings

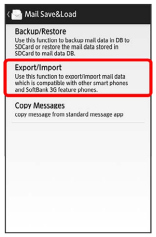
3

Mail Save&Load



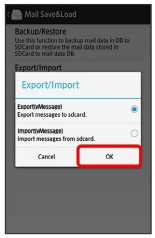
4

Export/Import



5

Export(vMessage) OK



・If download confirmation and terms of agreement appear, follow onscreen prompts.

6

Tap message category Run

Export starts.

7

OK

Export is complete.

Exporting Message Data

Where Message Data is Exported

Exported message data is saved to the locations below.

・Received message data: /sdcard/private/MYFOLDER/Mail/Inbox/Inbox.BCK

・Sent message data: /sdcard/private/MYFOLDER/Mail/Sent Messages/Sent Messages.BCK

・Draft/unsent message data: /sdcard/private/MYFOLDER/Mail/Drafts/Drafts.BCK

Filenames of Exported Data

Filenames of exported data are formatted as the year, month, and date saved to SD Card. For example, message data saved on March 1st, 2012 is formatted as "12030100.vmg." Several files saved on the same day are formatted starting as "12030101.vmg," with the last two digits increasing sequentially. If handset clock is unset, formatting appears as "XXXXXX.vmg."

Moving S! Mail/SMS Data (Import)

Import message data exported to SD Card or other media in vMessage format to handset.

・To import data from a previously used mobile phone, etc., first save the data you want to import to SD Card or other media.

1

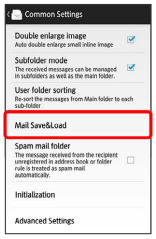
In app sheet, (Basic) (Mail)

2

Common Settings

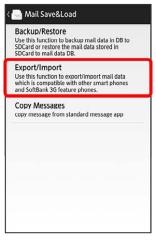
3

Mail Save&Load



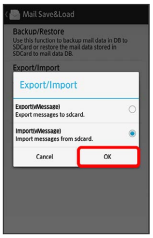
4

Export/Import



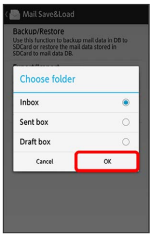
5

Import(vMessage) OK



6

Tap message category OK

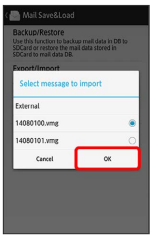


7

OK Airplane mode ( )

8

Tap files to import OK



Import starts.

9

OK ➔ Airplane mode (☐) ➔ ↩

Import is complete.

Importing Message Data

Where Message Data is Imported

Imported message data is saved to the locations below.

- Received message data: /sdcard/private/MYFOLDER/Mail/Inbox/Inbox.BCK
- Sent message data: /sdcard/private/MYFOLDER/Mail/Sent Messages/Sent Messages.BCK
- Draft/unsent message data: /sdcard/private/MYFOLDER/Mail/Drafts/Drafts.BCK

Importing Message Data with Security Set

This application also imports messages for which privacy settings, such as secret mode, were configured on a previous mobile phone. Imported data can be viewed.

Unimportable Message Data

Message data that was encrypted and backed up on a previous mobile phone cannot be imported with this application.

Operations When Creating S! Mail/SMS

Use these functions when sending, replying to, or forwarding messages.

Switching to S! Mail

1

While creating SMS, ☰ ➔ S!Mail

2

OK

Handset switches to S! Mail.

Switching to SMS

1

While creating S! Mail, ☰ ➔ Switch to SMS

2

OK

Handset switches to SMS.

Attaching Files

1

While creating S! Mail,

2

Tap file category Follow onscreen prompts

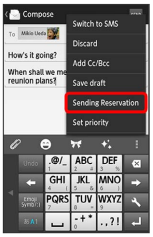
File is attached.

Specify Date/Time to Send

Create a message to be sent automatically at a specific time.

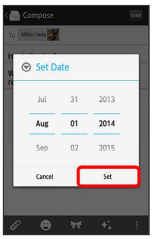
1

After entering recipients/subject/message text, Sending Reservation



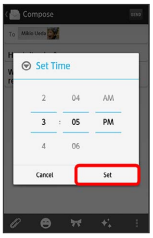
2

Specify date to send on Set



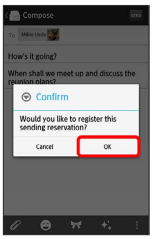
3

Specify time to send at Set



4

OK



Message is saved as a draft, and automatically sent at the specified time on the specified date.

Entering Emoji Pictograms

1

While entering subject/message text,

2

Tap emoji

Emoji is entered.

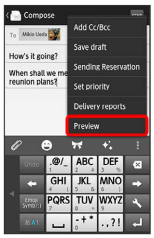
- Tap MY PIC while entering message text to select My pictograms.
- Tap on the My pictogram tab to select My pictograms saved to SD Card.

Previewing before Sending

Check how created S! Mail/SMS will be viewed.

1

While creating S! Mail/SMS, Preview

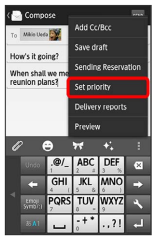


Preview opens.

Setting Priority Levels

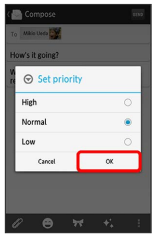
1

While creating S! Mail, Set priority



2

Tap priority level OK

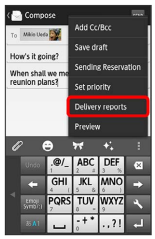


Priority level is set.

Requesting Delivery Reports

1

While creating S! Mail/SMS, Delivery reports



2

Request a delivery report for this message you send ( ) OK

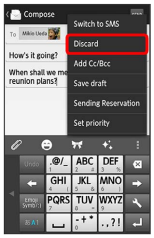
Requesting of delivery reports is set.

Discarding a Message Draft

Discard a message that is being created without saving it as a draft.

1

While creating S! Mail/SMS, ☰ ➔ Discard



2

OK

Mail draft is discarded.

S! Mail/SMS Settings

Make settings for S! Mail/SMS.

Common Settings

Settable items are the following.

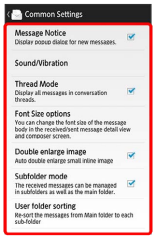
Item	Description
Message Notice	Enable pop-up notification for new messages.
Sound/ Vibration	Set ringtone, vibration, new mail lamp, etc. for new messages.
Thread Mode	Enable conversation thread view for messages.
Font Size options	Set the font size.
Double enlarge image	Show small images at double-size.
Subfolder mode	Manage received message subfolders.
User folder sorting	Re-sort messages in the main folder by the criteria set.
Mail Save&Load	Back up/restore message data or export/ import message data in vMessage format. vMessage format is compatible with other smartphones and SoftBank mobile phones (3G).
Spam mail folder	Enable sorting of messages from senders not in Address Book to Spam Box.
Initialization	Return message settings to defaults.
Advanced Settings	Enable old messages to be automatically deleted and set number of messages that can be saved. Check used space on SD Card and handset.

1

In app sheet, (Basic) ➔ (Mail) ➔ ⚙

2

Common Settings ➔ Set each item



Setting is complete.

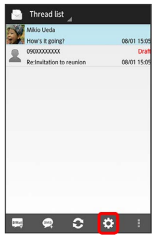
Send/Receive Settings

Settable items are the following.

Item	Description
Receive Settings	Make S! Mail receive settings. Set what portions of S! Mail to first retrieve, whether to automatically retrieve S! Mail during roaming, and whether to automatically check new messages when activating S! Mail.
Send Settings	Make S! Mail send settings. Set whether to quote a message when replying, whether to request delivery reports for sent messages, and whether to show confirmations.
Wi-Fi Connection	Make S! Mail settings for Wi-Fi connections.
SMS Send And Receive Settings	Set the application used for sending/ receiving SMS.

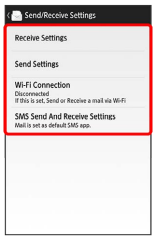
1

In app sheet, (Basic) ➔ (Mail) ➔



2

Send/Receive Settings ➔ Set each item

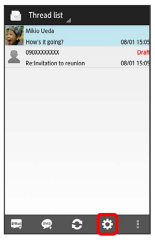


Setting is complete.

Mail Group Settings

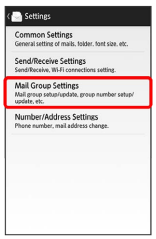
1

In app sheet, (Basic) (Mail)



2

Mail Group Settings



Mail Group Setting opens.

Mail Group Setting Operations

Adding a Mail Group

In Mail Group Setting, Add Mail Group Enter group name OK

Adding Members to a Group

In Mail Group Setting, Tap group Add Group Member Phonebook / Outgoing History / Incoming History / Direct Input Select/enter contact to add

Editing a Group Name

In Mail Group Setting, Touch & Hold group Edit group name OK

Deleting a Group

In Mail Group Setting, Tap ✕ next to group Delete

Deleting Members

In Mail Group Setting, Tap group Tap ✕ next to member Delete

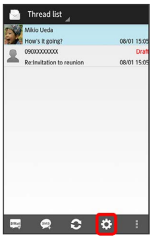
Number/Address Settings

Settable and viewable items are the following.

Item	Description
Phone Number	View phone number.
Mail Address	View mail address.
Change Mail Address	Navigate to My SoftBank to change mail address, etc.

1

In app sheet, (Basic) (Mail)



2

Number/Address Settings Set each item

Setting is complete.

Creating/Sending Gmail

Use Google's webmail service. Sign in to a Google Account beforehand.

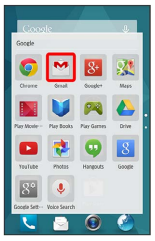
Gmail Caution

Gmail messages are not received if recipient device is set to reject messages sent from PCs.

Creating/Sending Gmail

1

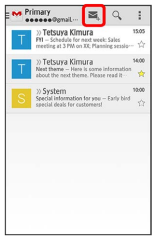
In app sheet, (Google) (Gmail)



Inbox opens.

・If confirmation appears, follow onscreen prompts.

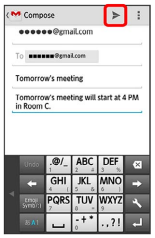
2



Mail Composition window opens.

3

Enter recipient, subject and text on Action Bar



Message is sent.

Gmail Composition Operations

Attaching Files

In Mail Composition window, Attach file Tap application Select file

・If confirmation appears, follow onscreen prompts.

Adding Cc/Bcc Recipients

In Mail Composition window, Add Cc/Bcc Add recipient

Saving without Sending

While creating message, Save draft

・Message is saved as a draft.

Discarding Current Message

While creating message, Discard Discard

Opening Received Gmail

Gmail groups all related messages by subject (Thread View).

Opening New Gmail

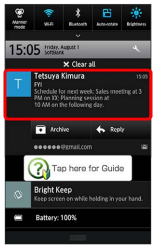
Ringtone sounds and appears for new Gmail.

1

Drag Status Bar down for Notifications Window

2

Tap new Gmail notification



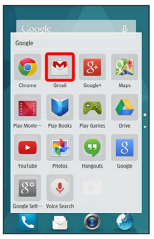
Message window opens.

・For two or more new messages with different subjects, Inbox opens; select one.

Opening Gmail

1

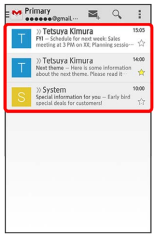
In app sheet, (Google) (Gmail)



Inbox opens.

2

Tap thread



Message window opens.

Operations when Opening Gmail

Replying to Messages

In message window, Create message on Action Bar

Forwarding Messages

In message window, for message to forward Forward Create message on Action Bar

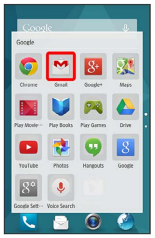
Managing Saved Gmail (Email)

Using Labels

Gmail saves all messages in one box. Adding labels to each thread sorts threads by label. For example, by adding the label "travel," all threads with "travel" are shown in a list.

1

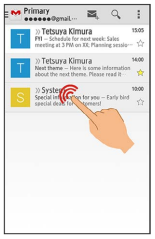
In app sheet, (Google) (Gmail)



Inbox opens.

2

Touch & Hold thread to add label to

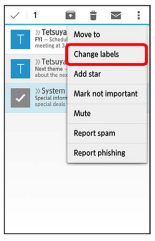


Thread selection window opens.

・To select several threads, Touch & Hold threads.

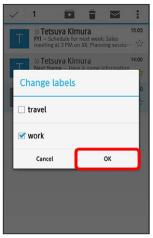
3

on Action Bar Change labels



4

Tap label ( ) OK



Label is added.

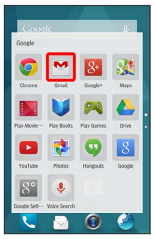
・Several labels are selectable.

Archiving Threads

Remove sent and received Gmail (threads) so they no longer appear. When replies arrive for archived threads, they appear again.

1

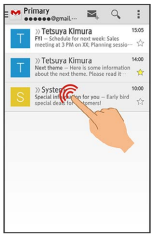
In app sheet, (Google) (Gmail)



Inbox opens.

2

Touch & Hold thread to archive (hide)

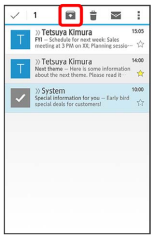


Thread selection window opens.

・To select several threads, Touch & Hold threads.

3

/ on Action Bar



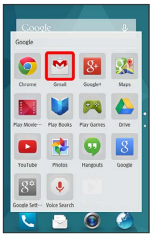
Thread is archived.

Muting Threads

If registered on a mailing list, there will be threads with always-continuing conversations. For long threads that are not important, mute the threads and they will no longer appear. When mail arrives that includes user's address as a recipient or in Cc, mail will again appear.

1

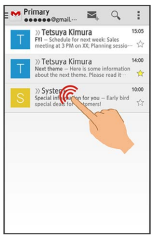
In app sheet, (Google) (Gmail)



Inbox opens.

2

Touch & Hold thread to mute

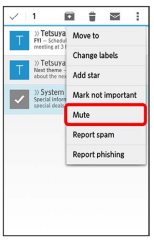


Thread selection window opens.

・To select several threads, Touch & Hold threads.

3

on Action Bar Mute

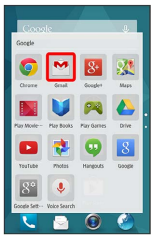


Thread is hidden.

Deleting Threads

1

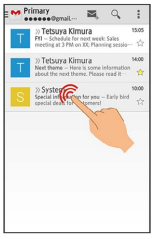
In app sheet, (Google) (Gmail)



Inbox opens.

2

Touch & Hold thread to delete

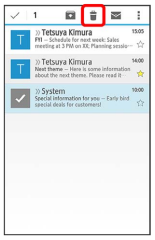


Thread selection window opens.

・To select several threads, Touch & Hold threads.

3

on Action Bar

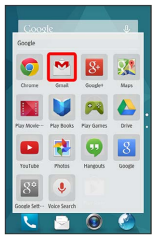


Thread is deleted.

Searching Mail

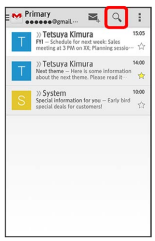
1

In app sheet, (Google) (Gmail)



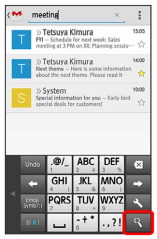
Inbox opens.

2



3

Enter search text

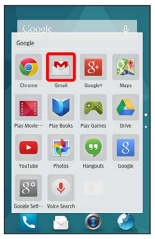


Search results appear.

Reporting Spam

1

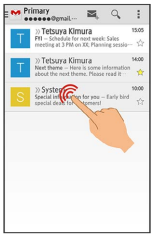
In app sheet, (Google) (Gmail)



Inbox opens.

2

Touch & Hold thread to report

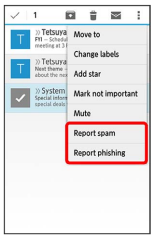


Thread selection window opens.

・To select several threads, Touch & Hold threads.

3

on Action Bar Report spam / Report phishing

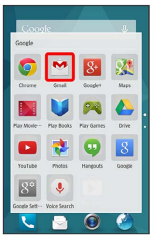


Spam/phishing is reported.

Switching Google Accounts/Inboxes/ Labels

1

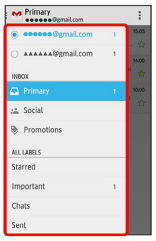
In app sheet, (Google) (Gmail)



Inbox opens.

2

on Action Bar Tap account/inbox/label to switch to



Account/inbox/label switches.

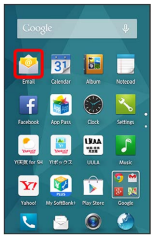
Using Email

Setting an Account

Check username (user ID), password, server name, etc. beforehand for the email account.

1

In app sheet, (Email)



Account setup menu appears (if no account is set up).

2

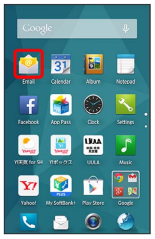
Follow onscreen prompts to set up account

Email setup is complete.

Adding Accounts

1

In app sheet, (Email)



Inbox opens.

2

Settings ADD ACCOUNT on Action Bar

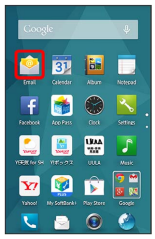
Account settings appear.

・Follow onscreen prompts.

Creating/Sending Email

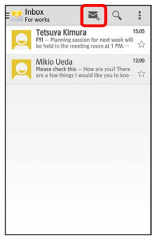
1

In app sheet, (Email)



Inbox opens.

2



Mail Composition window opens.

3

Enter recipient, subject and text on Action Bar

Message is sent.

Opening New Email

Ringtone sounds and ✉ appears for new email.

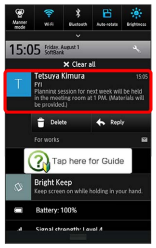
1

Drag Status Bar down for Notifications Window

Notifications Window appears.

2

Tap new email notification



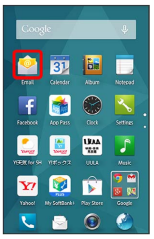
Message window opens.

・For two or more new messages, Inbox opens; select one.

Opening Email

1

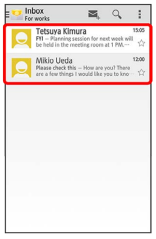
In app sheet, (Email)



Inbox opens.

2

Tap message



Message window opens.

Operations when Opening Email

Resetting Mail as Unread

In email list, Touch & Hold message to be set as unread ➔ ✉ on Action Bar

Deleting Mail

In email list, Touch & Hold message to delete ➔ 🗑 on Action Bar ➔ OK

・If confirmation appears, follow onscreen prompts.

Syncing Accounts Manually

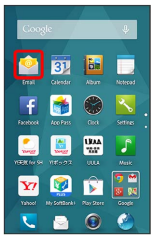
In email list, on Action Bar ➔ Tap the account to be synced ➔ ☰ ➔ Refresh

・Sync sent and received email messages manually at any time regardless of the automatic sync settings.

Delete an Account

1

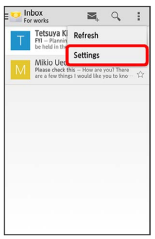
In app sheet, (Email)



Inbox opens.

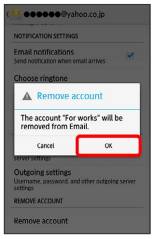
2

Settings



3

Tap the account(s) to delete Remove account OK



The account is deleted.

Browser

View Internet sites in Browser.

Using Browser

By default, Quick toolbox guidance appears when activating Browser.

・To disable it thereafter, Tap Don't show again ( ) and Tap Close .

1

In app sheet, (Basic) (Browser)

Browser activates.

・Flick to scroll.

SSL & TLS

Secure Sockets Layer (SSL) and Transport Layer Security (TLS) are encryption protocols that secure Internet transmissions of important/sensitive information such as credit card numbers and corporate secrets, providing protection against online threats (eavesdropping, falsification, impersonation, etc.).

Browser Operations

Signing in to My SoftBank

Access My SoftBank to check service charges or reward points, change contract details (subscribed price plan, optional services, etc.), check handset email address, use anti-spam settings, etc.

In Browser, Bookmark list My SoftBank Follow onscreen prompts

Searching for Information

In Browser, Tap URL entry field ➔ Enter search text ➔ Go ➔ Tap link

Searching within Current Webpage

In Browser, ☰ ➔ Find on page ➔ Enter search text

Search results are highlighted.

Saving (Downloading) Images

In Browser, Touch & Hold image ➔ Save image

・Open saved (downloaded) image from Photo in Contents Manager, etc.

Opening Saved (Downloaded) Image, Etc.

In app sheet, (Tools) ➔ (Downloads) ➔ Tap image, etc.

SSL/TLS Caution

When opening a secured page, users must decide as their responsibility whether or not to open the page with use of SSL/TLS. SoftBank Mobile Corp. and the Certification Authorities Symantec Website Security G.K. and Cybertrust make no guarantees whatsoever to users regarding security of SSL/TLS.

Adding Bookmarks

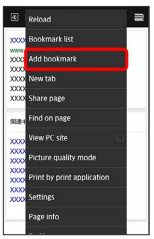
1

In app sheet, (Basic) ➔ (Browser)

Browser activates.

2

Open target webpage ➔ ☰ ➔ Add bookmark



Add bookmark window opens.

3

Check/edit label, Address, etc. ➔ OK

Current webpage is saved as a bookmark.

Bookmark Operations

Editing Bookmarks

In Browser, ☰ ➔ Bookmark list ➔ Touch & Hold bookmark ➔ Edit bookmark ➔ Edit ➔ OK

Deleting Bookmarks

In Browser, ☰ ➔ Bookmark list ➔ Touch & Hold bookmark ➔ Delete bookmark ➔ Yes

Opening Bookmarks

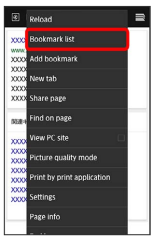
1

In app sheet, (Basic) (Browser)

Browser activates.

2

Bookmark list



Bookmark window opens.

3

Tap bookmark

Corresponding webpage opens.

Checking Browser History

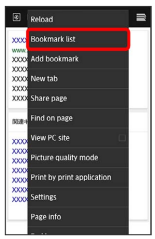
1

In app sheet, (Basic) (Browser)

Browser activates.

2

Bookmark list



Bookmark window opens.

3

HISTORY

History list opens.

4

Tap item (e.g., Today) Tap record

Corresponding webpage opens.

・Frequently visited webpages are saved in Most visited .

Wirelessly Printing Webpages

Print webpages with a Wi-Fi-compatible Canon or EPSON printer.

・Enable Wi-Fi beforehand.

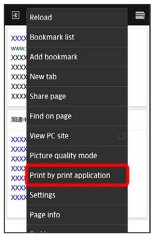
1

In app sheet, (Basic) (Browser)

Browser activates.

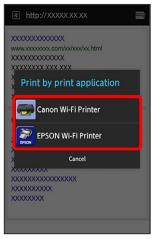
2

Open webpage to print Print by print application



3

Tap printer



The selected application activates.

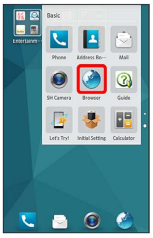
・Follow onscreen prompts.
・Print settings depend on the printer. Follow onscreen prompts on handset or printer.

Opening New Tabs

Open up to 16 webpages in different tabs to switch between them easily.

1

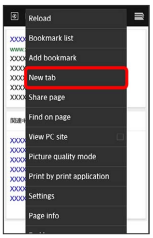
In app sheet, (Basic) (Browser)



Browser activates.

2

New tab



Another tab opens.

・When multiple tabs are open, Tap Tab list to open another tab.
・To switch tabs, Tap Tab list , then Tap target tab.

Setting Browser

Make browser settings. Settable items are the following.

Item	Description
General settings	Make homepage settings.
Privacy & security	Delete cache, history, cookies, etc.
Accessibility	Set text size.
Advanced	Make detailed browser settings.
Bandwidth management	Set download method for search results and images.
Quick operation ・ Labs	Set Quick Toolbox and screen display.

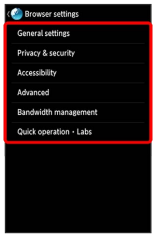
1

In app sheet, (Basic) (Browser)

Browser activates.

2

Settings Set items



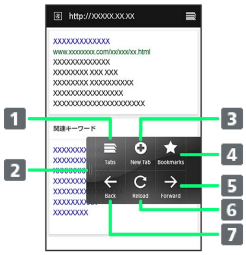
Settings are made.

Deleting Cache and Cookies

In Browser, Settings Privacy & security Delete cache / Delete all cookie data Yes

Using Quick Toolbox

Flick browser to the left from right edge (or to the right from left edge) for Quick Toolbox. Tap items to set browser operation.



1 Show tab list.
2 Close Quick Toolbox.
3 Open new tab.
4 Open bookmarks.
5 Go forward one webpage.
6 Reload current webpage (while reloading: stop).
7 Go back one webpage.

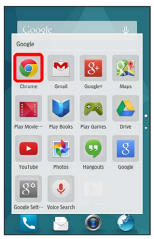
Using the Browser (Chrome)

Use the browser simply by entering search words and URLs.

Using Chrome

1

In app sheet, (Google) (Chrome)

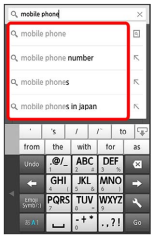


Chrome opens.

・If confirmation appears, follow onscreen prompts.

2

Tap entry field at top Enter search text or URL Tap search candidates



Webpage opens.

・Tap to search within page.

・In Chrome page, Tap Take a tour for usage instructions.

Camera

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Saving Business Cards to Address Book.....128
Scanning Text.....130
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Photo Camera

Camera Cautions

General Use

Mind etiquette when using Camera.

Keep Lens Clean

Fingerprints/smudges may hinder handset imaging. Clean Lens with a soft cloth beforehand.

Avoid Direct Sunlight Exposure

Do not expose Lens area to direct sunlight for extended periods; may damage color filter, altering images.

Mobile Light

Handset does not charge while Mobile Light is shining.
Turning on Mobile Light while charging causes charging to stop.
Turning on Mobile Light when using Camera while charging also causes charging to stop.
If battery level is low, handset may close Camera.

Mobile Light Warning

Do not turn on Mobile Light close to eyes, look directly at Mobile Light when on, or shine Mobile Light in eyes; may affect eyesight or cause other problems.

Photo Camera

Capture JPEG images.

・Captured photos are saved to SD Card.
・To capture photos with a blurred background quickly, capture close-ups with Macro set.

1

In app sheet, (Basic) (SH Camera)

Photo Viewfinder opens.

2

Aim External Camera at subject

・For people, focus automatically locks on detected face.

3

Shutter sound plays; photo is saved to SD Card.

・Alternatively, Press Volume Up/Down Key to capture photo.

Photo Viewfinder Operations

Adjusting Brightness

Drag up/down for Brightness Scale

Adjusting Zoom

Drag left/right or Pinch/Spread for Zoom Slider

Locking Focus

Tap subject for focus lock

・To release shutter, Tap the subject again.
・External Camera uses color to track subjects; may not correctly track faintly colored subjects or ones similar to background color.

Opening Captured Photo

Tap preview thumbnail

(Album) opens and file view window appears.
・Use Album functions to save captured photos as Wallpaper, edit photos, or send photos. See "Viewing & Managing Photos/Videos (Album)" for details.

Using Internal Camera

Use Internal Camera to capture self or others with Lens on Display side.

・Tap to toggle Internal/External Camera.
・Some functions/settings are not available for Internal Camera.

Troubleshooting

Q. Cannot open Camera/Camera exits suddenly

A. Camera does not open if battery level is low. Charge Battery first.

A. Continuing to use Camera while handset is warm causes warning to appear, after which Camera saves captured image data and exits.

A. Camera exits automatically after a period of inactivity.

Q. Images are dark/grainy

A. Is there a strong light near the subject, or a strong light source in the screen? Avoid letting a strong light source (the sun, light, etc.) in the screen. Leaving handset in a warm place for a long time or where Camera is in direct sunlight for a long time may affect image quality.

Q. Cannot focus

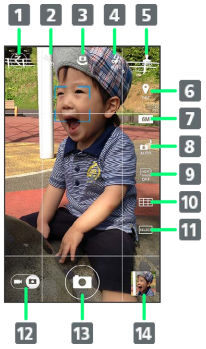
A. Fingerprints, etc. on lens cover prevent Camera from focusing. Wipe clean with a dry, soft cloth.

Q. Images captured with Mobile Light appear whitish

A. A finger or cover near the lens can reflect light from Mobile Light and cause captured images to appear whitish.

Photo Viewfinder Layout and Functions

Layout and functions of main indicators are as follows. If icons such as are not shown, Tap in Photo Viewfinder.



1 View switch: Simple mode/Detailed mode
2 Settings: Access various Camera settings
3 Camera switch: Internal/External Camera
4 Mobile Light: Settings switch
5 Mode button: Change to settings optimal for the subject and shooting conditions
6 GPS: Set whether to add location information
7 Size: Change the picture size
8 NightCatch: Capture dark scenes more brightly
9 HDR: Reduce whited-out or blacked-out scenes in backlit or other high-contrast conditions
10 Framing adviser: Show a grid or guide for composing a shot according to the scene
11 Framing adviser mode setting: Switch modes
12 Camera/Video Camera switch: Tap to capture video
13 Shutter: Touch & Hold for continuous shooting
14 Mini-preview[1] : Shortcut to Album, or preview of immediately captured photo; check, send, or delete shown photo

1 In Simple mode, no longer appears after a period of inactivity.

Video Camera

Camera Cautions

General Use

Mind etiquette when using Camera.

Keep Lens Clean

Fingerprints/smudges may hinder handset imaging. Clean Lens with a soft cloth beforehand.

Avoid Direct Sunlight Exposure

Do not expose Lens area to direct sunlight for extended periods; may damage color filter, altering images.

Continuous Recording Time

Recording capacity is 2 GB per file (recording stops when exceeded). To continue recording, start another session.

Mobile Light

Handset does not charge while Mobile Light is shining.
Turning on Mobile Light while charging causes charging to stop.
Turning on Mobile Light when using Camera while charging also causes charging to stop.
If battery level is low, handset may close Camera.

Mobile Light Warning

Do not shine Mobile Light in eyes; may affect eyesight or cause other problems.

Recording Videos

Record H.264/AAC videos.

・Recorded videos are saved to SD Card.

1

In app sheet, (Basic) (SH Camera)

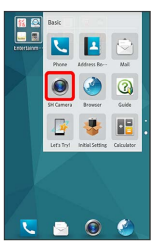


Photo Viewfinder opens.

2

Video Viewfinder opens.

・If confirmation appears, follow onscreen prompts.

3

Aim External Camera at subject (recording starts)

Tone sounds and recording starts.

・Alternatively, Press Volume Up/Down Key to start recording.

4

(recording stops)

Tone sounds and recording stops; video is saved to SD card.

・Alternatively, Press Volume Up/Down Key to stop recording.

Video Viewfinder Operations

Adjusting Brightness

Drag up/down for Brightness Scale

Adjusting Zoom

Drag left/right or Pinch/Spread for Zoom Slider

Opening Recorded Video

Tap preview thumbnail

(Album) opens and file view window appears.

・Use Album functions to play captured videos, send videos, or delete videos. See "Viewing & Managing Photos/Videos (Album)" for details.

Using Internal Camera

Use Internal Camera to record self or others with Lens on Display side.

・Tap to toggle Internal/External Camera.
・Some functions/settings are not available for Internal Camera.

Troubleshooting

Q. Cannot open Video Camera/Video Camera exits suddenly

A. Video Camera does not open if battery level is low. Charge Battery first.

A. Continuing to use Video Camera while handset is warm causes warning to appear, after which Video Camera saves captured video data and exits.

A. Video Camera exits automatically after a period of inactivity.

Q. Image is dark/grainy

A. Is there a strong light near the subject, or a strong light source in the screen? Avoid letting a strong light source (the sun, light, etc.) in the screen. Leaving handset in a warm place for a long time or where Camera is in direct sunlight for a long time may affect image quality.

Q. Cannot focus

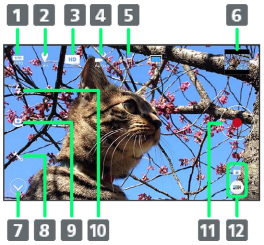
A. Fingerprints, etc. on lens cover prevent Camera from focusing. Wipe clean with a dry, soft cloth.

Q. Image captured with Mobile Light appear whitish

A. A finger or cover near the lens can reflect light from Mobile Light and cause captured image to appear whitish.

Video Viewfinder Layout and Functions

Layout and functions of main indicators are as follows.
If icons such as are not shown, Tap in Video Viewfinder.



1 Mode button: Change to settings optimal for the subject and shooting conditions
2 GPS: Set whether to add location information
3 Size: Change the picture size
4 NightCatch: Capture dark scenes more brightly
5 Shooting time left: Time available with current settings
6 Mini-preview[1]: Shortcut to Album, or preview of immediately captured video; check, send, or delete shown video
7 View switch: Simple mode/Detailed mode
8 Settings: Access various Camera settings
9 Camera switch: Internal/External Camera
10 Mobile Light: Settings switch
11 Start recording
12 Video Camera/Camera switch: Tap to capture photos

1 In Simple mode, no longer appears after a period of inactivity.

Viewing & Managing Photos/ Videos (Album)

Photos/videos shot on handset and downloaded images are sorted into PORTRAIT, EVENT and MAP tabs.

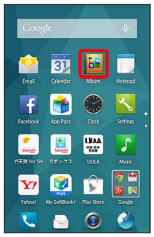
Viewing Photos/Videos

View photos and videos saved to SD Card. The following formats are supported.

Image	File format
Photo	JPEG, PNG, GIF, BMP, WBMP, WebP
Video	3GPP, 3GPP2, MP4, WMV (WMDRM not supported), ASF (WMDRM not supported), WebM, Matroska, MPEG2-TS

1

In app sheet, (Album)

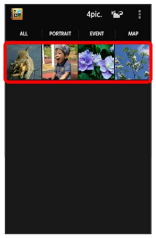


File list opens.

- Tap ALL, PORTRAIT, EVENT or MAP to open files by category.
- Flick left/right in file list or folder list to toggle categories.
- When activating Album for the first time, ALL file list appears. Album activates in the last-used state thereafter (file list or folder list appears).
- Flick up/down for hidden files.
- If confirmation appears, follow onscreen prompts.

2

Tap photo/video



Photo/video opens (file view window).

- For video playback, Tap ▶, then follow onscreen prompts.
- appears for photos captured with continuous shooting. Tap photo to open captured photos as index.

Operations when Viewing Photos/Videos

Using Slideshow

In file list, ☰ → Slideshow

- To stop slideshow, Tap image.

Saving Images

In file list or file view window, ☰ → Register image

- Follow onscreen prompts.

Deleting Images

In file view window, 🗑 on Action Bar → Yes

- If Action Bar and Navigation Bar are hidden, Tap Display first.

Zooming In/Out on Photos/Videos

In file view window, Tap image twice or pinch/spread

Switching Views in File List

In file list, folder list, or file view window, ☰ → Settings → Thumbnail view → Multi-tile view / Grid view / Grid (large) view

Setting Whether to Show Images More Clearly when Display Is Bright

In file list, folder list, or file view window, ☰ → Settings → Sharpness

- Tap Sharpness to toggle on (☑)/off (☐).

Troubleshooting

Q. Cannot open photos or videos

A. The database may be disabled. Connect handset to a PC using Micro USB Cable, and delete the DATABASE folder in ¥PRIVATE¥SHARP¥PM on SD Card before opening photos or videos.

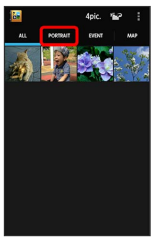
Organizing by Person

Photos and videos of people are automatically sorted into portrait folders (easy sort function).

・To set sorting by a new portrait:

1

In app sheet, (Album) ➔ PORTRAIT



Portrait folder list opens.

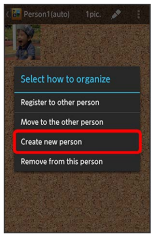
・If confirmation appears, follow onscreen prompts.

2

Tap folder (Person1(auto) , etc.) ➔ on Action Bar

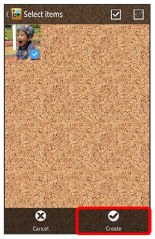
3

Create new person



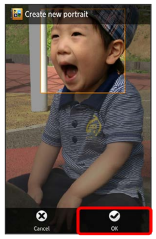
4

Tap photo/video of person for new folder ( ) ➔ Create



5

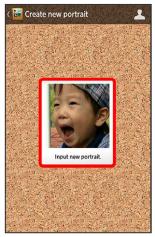
Drag frame to adjust image for folder ➔ OK



・If several frames appear, Tap subject to show.

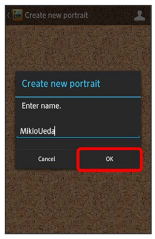
6

Input new portrait.



7

Tap entry field for portrait name ➔ Enter name ➔ OK



8

Portrait folder list opens.

Operations for Sorting by Person

Automatically Sort Images in "Other" by Person

In portrait folder list, on Action Bar ➔ OK ➔ OK

Enable/Disable Easy Sort Function

In file list, folder list, or file view window, ➔ Settings ➔ Easy sort setting ➔ Easy sort

・Tap Easy sort to toggle on ( )/off ( ).

Make Detailed Settings for Easy Sort Function

In file list, folder list, or file view window, ☰ ➔ Settings ➔ Easy sort setting ➔ Number of person albums / Sort standard ➔ Tap item

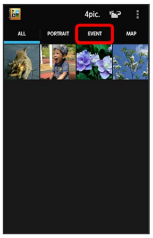
Organizing by Event

Create new event folders to categorize photos and videos.

- If events are saved to Calendar, photos and videos captured during the event period are automatically categorized as the same event.
- To set sorting by a new event:

1

In app sheet, (Album) ➔ EVENT

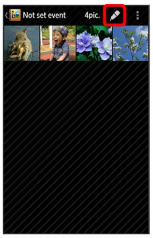


Event folder list opens.

- If confirmation appears, follow onscreen prompts.

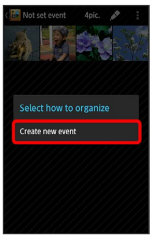
2

Tap folder (Not set , etc.) ➔ on Action Bar



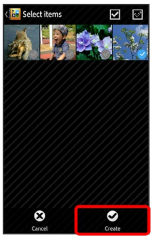
3

Create new event



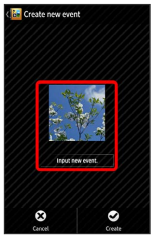
4

Tap photo/video of event for new folder ( ) ➔ Create



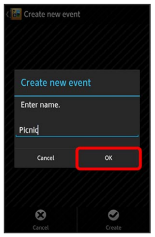
5

Input new event.



6

Tap entry field for event name ➔ Enter name ➔ OK



7

Create ➔ ⬅

Event folder list opens.

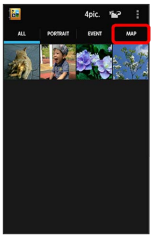
Organizing by Shooting Location

Set location information for categorizing photos and videos.

・Captured photos and videos have GPS location information added and are automatically sorted by shooting location.

1

In app sheet, (Album) ➔ MAP

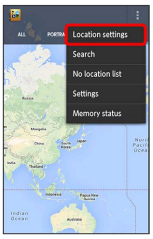


Map opens.

・If confirmation appears, follow onscreen prompts.

2

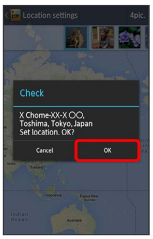
☰ ➔ Location settings



・Continue by Flicking/Pinching to show map of location to set.

3

Touch & Hold photo/video to register ➔ Drag to map ➔ OK



Photo/video is registered to shooting location.

4

⬅

Map opens.

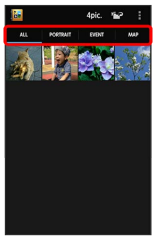
Editing Photos with Album

Change photo size and add effects.

・Some photos may not be editable.

1

In app sheet, (Album) Tap category (ALL , etc.)



File list index or folder list opens.

・If confirmation appears, follow onscreen prompts.

2

Tap photo

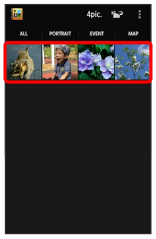
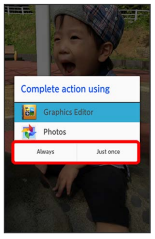


Photo opens (file view window).

3

Edit image Graphics Editor Always / Just once



Edit window opens.

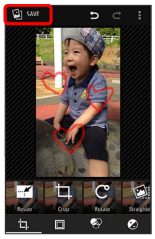
・If Action Bar and Navigation Bar are hidden, Tap Display first.
・If confirmation appears, follow onscreen prompts.
・Touch & Hold application for application information.

4

Select editing type

5

Edit photo SAVE



Editing is complete, and photo is saved as a different file to SD Card.

Sending Photos/Videos

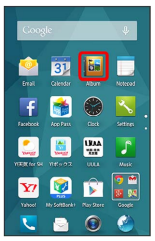
Use Album to send photos and videos by email or another linked application. Send photos and videos to other computers and terminals using Bluetooth®.

Sending Photos/Videos by Email

Send photos and videos as email attachments.

1

In app sheet, (Album)

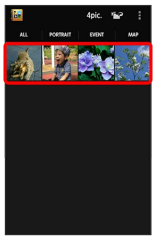


File list opens.

・If confirmation appears, follow onscreen prompts.

2

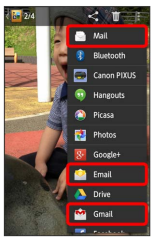
Tap photo/video



Photo/video opens (file view window).

3

on Action Bar See all (Mail)/ (Email)/ (Gmail)



The selected application activates.

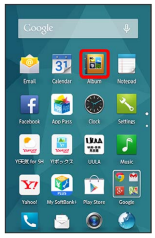
・Follow onscreen prompts.
・If Action Bar is hidden, Tap Display first.
・If several accounts are registered, photo/video is sent using the default email account.

Sending Photos/Videos by Bluetooth®

Use Bluetooth® to send photos and videos to other terminals and computers.

1

In app sheet, (Album)

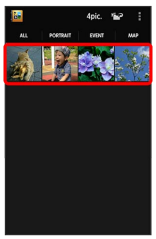


File list opens.

・If confirmation appears, follow onscreen prompts.

2

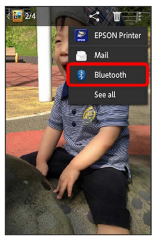
Tap photo/video



Photo/video opens (file view window).

3

on Action Bar (Bluetooth)



Application activates.

・Follow onscreen prompts.
・If Action Bar is hidden, Tap Display first.

Sending Several Photos/Videos

In file list, Send picture / Send video (Bluetooth) Follow onscreen prompts

Capturing in Different Ways

Change shooting modes to suit the scene. Specify preferred Camera settings.

Changing Shooting Modes

Shooting modes are as follows.

Mode	Description
＋	Download camera application from SHSHOW site and add as a shooting mode.
Auto	Automatically adjust the focus on the subject.
Standard	Standard mode.
Portrait	Suitable for portrait shooting.
Night Portrait	Suitable for nightscape portrait pictures.
Scenery	Suitable for landscape shooting.
Night Scenery	Suitable for night scene shooting.
Food	Suitable for cuisine shooting.
Text	Suitable for text shooting.
Sepia	Shoot in sepia.
Monochrome	Shoot in monochrome.
Bleach Bypass	Shoot in bleach bypass.
Fisheye	Shoot with fisheye lens perspective.
Miniature	Shoot with miniature-like rendering.
Panorama	Shoot a panorama.
Translation	Activate Translation Finder.
Search Finder	Activate Search Finder.
Camera Reader	Activate scan reader.
Mirror	Use Internal Camera to view yourself like a mirror (cannot take picture).

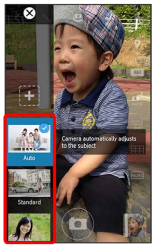
1

In app sheet, (Basic) (SH Camera)

Photo Viewfinder opens.

2

(mode button) Tap shooting mode



Shooting mode changes.

・If confirmation appears, follow onscreen prompts.

Setting Camera Operation

1

In app sheet, (Basic) (SH Camera)

Photo Viewfinder opens.

2

Change to shooting mode to use or Video Viewfinder

・See "Changing Shooting Modes" for details on changing shooting modes.
・See "Recording Videos" for details on switching to Video Viewfinder.

3

/

Settings open.

・If confirmation appears, follow onscreen prompts.

4

Tap setting item Set items

Settings are complete.

Main Camera Settings

Main items that can be set are the following.

・Items may be unsettable in some shooting modes.

Setting	Description
ISO[1]	Set the ISO speed for light sensitivity according to surrounding brightness.
White Balance	Set color adjustment according to the light source where shooting.
Self-timer	Set the self-timer.
Touchscreen shutter[1]	Enable the Photo Viewfinder to be tapped to take a picture.
Auto focus[1], Focus settings[2]	Set a focus setting.
Anti shake[1]	Enable use of shake correction.
Anti Flicker	Set to reduce appearance of flickering in the screen if shooting under fluorescent lighting.
Help	Show Camera/Video Camera instructions.
How to use framing adviser[1]	Show framing adviser instructions.
Function information[1]	View function tutorials.
Mic Setting[2]	Set Mic on/off.
Time Lapse[2]	Set to shoot a time-lapse video.

1 Available when capturing photos.
2 Available when capturing video.

Scanning Barcodes

Barcode Reader Cautions

Barcode may not be scanned properly depending on type, size, etc.

Using Barcode Reader

Scan barcodes (QR codes and JAN codes) to save to Notepad, etc.

1

In app sheet, (Basic) (SH Camera)

Photo Viewfinder opens.

2

(mode button) Camera Reader Barcode

Barcode Reader opens.

・If confirmation appears, follow onscreen prompts.
・If Barcode is not shown, Tap Switch reader .

3

Center barcode in screen

Barcode is scanned automatically and scan result appears.

・Tap Display to focus.

Barcode Reader Operations

Using the Scan Result

In scan result window, Tap URL, etc. Operation in each window

・In scan result window, Tap ☰ to save as scan data or save to Notepad.

Adjusting Brightness

Drag Barcode Reader window up/down

Using Mobile Light

In Barcode Reader window, ☰ Mobile light ON / OFF

Viewing Previously Saved Scan Data

In Barcode Reader window, ☰ Confirm data Tap data

Preventing Flickering

In Barcode Reader window, ☰ Anti-flicker Auto / 50Hz / 60Hz

・Set according to your region if flickering appears when scanning under fluorescent lighting (Eastern Japan: 50Hz , Western Japan: 60Hz).

Viewing Help

In Barcode Reader window, ☰ Help

Troubleshooting

Q. Cannot open Barcode Reader/Barcode Reader exits suddenly

A. Barcode Reader does not open if battery level is low. Barcode Reader exits automatically after a period of inactivity.

Saving Business Cards to Address Book

Card Reader Cautions

Card may not be scanned properly depending on design, color, text size, etc.

Using Card Reader

Scan business cards (Japanese/alphanumeric) to save to Address Book.

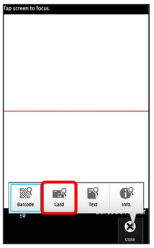
1

In app sheet, (Basic) (SH Camera)

Photo Viewfinder opens.

2

(mode button) Camera Reader Card



Card Reader opens.

・If confirmation appears, follow onscreen prompts.
・If Card is not shown, Tap Switch reader .

3

Center card in screen Read

・Make sure entire card appears in screen (both lengthwise and widthwise cards okay).

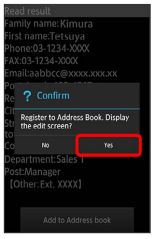
4

Recognition → Add to Address book

・If confirmation appears, follow onscreen prompts.

5

Yes



Scanned information appears in contact edit window.

・Enter other items as required.

6

Save

Information is saved to Address Book.

Card Reader Operations

Adjusting Brightness

Drag Card Reader up/down

Using Mobile Light

In Card Reader window, ☰ → Mobile light → ON / OFF

Preventing Flickering

In Card Reader window, ☰ → Anti-flicker → Auto / 50Hz / 60Hz

・Set according to your region if flickering appears when scanning under fluorescent lighting (Eastern Japan: 50Hz , Western Japan: 60Hz).

Viewing Help

In Card Reader window, ☰ → Help

Troubleshooting

Q. Cannot open Card Reader/Card Reader exits suddenly

A. Card Reader does not open if battery level is low. Card Reader exits automatically after a period of inactivity.

Scanning Text

Text Reader Cautions

Text may not be scanned properly depending on text design, color, size, etc.

Using Text Reader

Scan text information (Japanese/alphanumeric) to save to Notepad or create email. Scanning words to save to Notepad is described here.

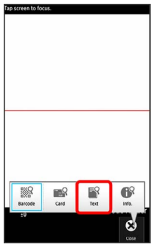
1

In app sheet, (Basic) (SH Camera)

Photo Viewfinder opens.

2

(mode button) Camera Reader Text

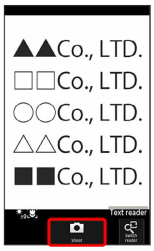


Text Reader opens.

・If confirmation appears, follow onscreen prompts.
・If Text is not shown, Tap Switch reader .

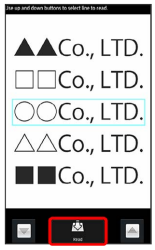
3

Center text in screen Shoot



4

/ (/) to select line to scan Read



Scan result (mode type) window opens.

5

OK

Scan result (register) window opens.

6

Register to Notepad Register

Text is saved to Notepad.

・If confirmation appears, follow onscreen prompts.

Text Reader Operations

Changing Type of Scan Text

In scan result (mode type) window, Tap mode type

Using Scan Results Other than Words

In scan result (register) window, Tap URL, etc. Operation in each window

Editing Scan Results

In scan result (register) window, Edit Edit text Complete

・In scan result (register) window, Tap to continue scanning text or look text up in a dictionary.

Adjusting Brightness

Drag Text Reader window up/down

Using Mobile Light

In Text Reader window, ☰ ➔ Mobile light ➔ ON / OFF

Changing the Focus Setting

In Text Reader window, ☰ ➔ Focus settings ➔ Standard AF / Close Up AF

Preventing Flickering

In Text Reader window, ☰ ➔ Anti-flicker ➔ Auto / 50Hz / 60Hz

・Set according to your region if flickering appears when scanning under fluorescent lighting (Eastern Japan: 50Hz , Western Japan: 60Hz).

Viewing Help

In Text Reader window, ☰ ➔ Help

Troubleshooting

Q. Cannot open Text Reader/Text Reader exits suddenly

A. Text Reader does not open if battery level is low. Text Reader exits automatically after a period of inactivity.

Saving Shop Information to Address Book

Information Reader Cautions

Information may not be scanned properly depending on text design, color, size, etc.

Using Information Reader

Scan shop name, phone number, and other text information (Japanese/alphanumeric) to save to Address Book.

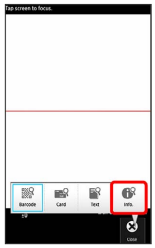
1

In app sheet, (Basic) ➔ (SH Camera)

Photo Viewfinder opens.

2

➔ STD AUTO (mode button) ➔ Camera Reader ➔ Info.



Information Reader opens.

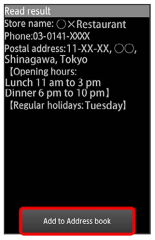
・If confirmation appears, follow onscreen prompts.
・If Info. is not shown, Tap Switch reader .

3

Center information in screen ➔ Read

4

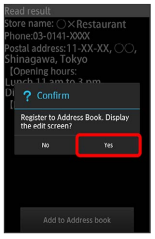
Recognition → Add to Address book



・If confirmation appears, follow onscreen prompts.

5

Yes



Scanned information appears in contact edit window.

・Enter other items as required.

6

Save

Information is saved to Address Book.

Information Reader Operations

Adjusting Brightness

Drag Information Reader up/down

Using Mobile Light

In Information Reader window, ☰ → Mobile light → ON / OFF

Changing the Focus Setting

In Information Reader window, ☰ → Focus settings → Standard AF / Close Up AF

Preventing Flickering

In Information Reader window, ☰ → Anti-flicker → Auto / 50Hz / 60Hz

・Set according to your region if flickering appears when scanning under fluorescent lighting (Eastern Japan: 50Hz , Western Japan: 60Hz).

Viewing Help

In Information Reader window, ☰ → Help

Troubleshooting

Q. Cannot open Information Reader/Information Reader exits suddenly

A. Information Reader does not open if battery level is low. Information Reader exits automatically after a period of inactivity.

Useful Functions

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Using harman/kardon audio

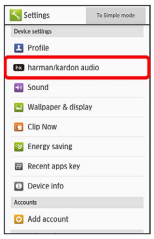
Improve sound quality of music, videos, games, etc. when connecting an earphone or connected via Bluetooth®.

Enabling Clari-Fi

Recover sound information lost during compression for improved sound quality.

1

In app sheet, (Settings) harman/kardon audio

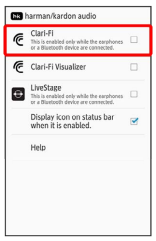


harman/kardon audio window opens.

・If a description of harman/kardon audio appears, follow onscreen prompts.

2

Clari-Fi ( )



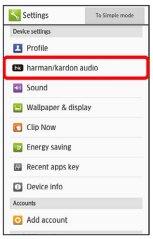
Clari-Fi is enabled.

・Tap Clari-Fi to toggle on ( )/off ( ).

Sound Visualization

1

In app sheet, (Settings) harman/kardon audio

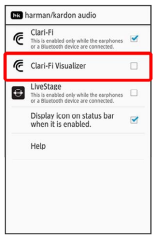


harman/kardon audio window opens.

・If a description of harman/kardon audio appears, follow onscreen prompts.

2

Clari-Fi Visualizer ( )

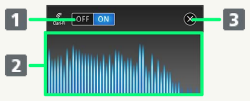


Clari-Fi Visualizer opens.

・Alternatively, in music, video, game, etc. playback window, Press Volume Up/Down Key and Tap on volume adjustment bar for Clari-Fi Visualizer.
・Drag Clari-Fi Visualizer to change its location.

Clari-Fi Visualizer

The following functions are available.



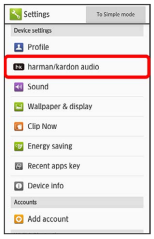
1 Clari-Fi ON (ON)/OFF (OFF)
2 Visualized sound
3 Exit

Enabling LiveStage

Set for more impressive sound rendering.

1

In app sheet, (Settings) harman/kardon audio

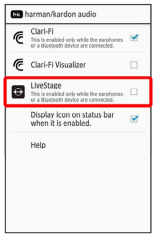


harman/kardon audio window opens.

・If a description of harman/kardon audio appears, follow onscreen prompts.

2

LiveStage ( )



LiveStage is enabled.

・Tap LiveStage to toggle on ( )/off ( ).

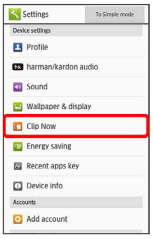
Using Clip Now

Slide your finger along the top of Display to capture screenshots (also captures URL, etc. for webpages).

Enabling Clip Now

1

In app sheet, (Settings) Clip Now



Clip Now opens.

2

Clip Now ON/OFF setting ( )

Clip Now is enabled.

・Tap Clip Now ON/OFF setting to toggle on ( )/off ( ).

Capturing Screenshots (Clip Now)

Screenshot may not be captured depending on the screen.

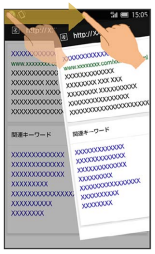
1

Touch corner at top of Display

Screen is reduced.

2

Slide finger along top of Display



Screenshot is captured.

・Slide finger from left or right to capture.

Viewing Screenshots

1

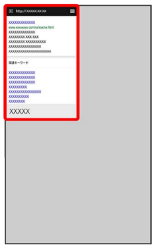
In app sheet, (Tools) (Clip Now)

Screenshot list opens.

・If a description of Clip Now appears, follow onscreen prompts.

2

Tap captured screenshot



Captured screenshot opens (screenshot view window).

・After capturing a screenshot with Clip Now, appears in Status Bar. Screenshot can also be opened by Dragging Status Bar down and Tapping screenshot notification.
・After capturing a webpage, URL is shown. Tap URL to open webpage.

Screenshot Operations

Sending Screenshots

In screenshot view window, Tap send method Follow onscreen prompts

・If is not shown, Tap Display first.

Deleting Screenshots

In screenshot view window, Yes

・If is not shown, Tap Display first.

Using Search Functions

Use Search Finder to look up words in magazines, newspapers, etc. scanned with Camera. Use Search Capture to search for words shown on Display in webpages, captured photos, etc.

Search Finder/Search Capture

Words may not be scanned properly depending on font, background, text color, text size, layout, etc.

Using Search Finder

1

In app sheet, (Tools) (Search finder)

Search Finder opens.

- If a description of Search Finder appears, follow onscreen prompts.
- Alternatively, activate the SH Camera application and change the shooting mode to Search Finder. See "Changing Shooting Modes" for details on changing shooting modes.

2

Aim Camera (External Camera) at words to search Brush finger over words

Tiles appear with information relating to the brushed words.

- Tap / to pause/unpause Search Finder window.
- Tap light blue area to edit searched words.

3

Tap tile

Search results appear.

- Tapping image or video search result activates viewing application.
- Tap to narrow down search results depending on search type. Tap Next for continuation of search results.

Search Finder Settings

In Search Finder window, Set items

Using Search Capture

・Open content to search beforehand.

1

Favorites (Search Capture)

Search Capture opens.

2

Brush finger over words to search

Tiles appear with information relating to the brushed words.

・Tap light blue area to edit searched words.

3

Tap tile

Search results appear.

・Tapping image or video search result activates viewing application.
・Tap to narrow down search results depending on search type. Tap Next for continuation of search results.

Using Translation Functions (English)

Use Translation Finder to translate English scanned with Camera into Japanese in real time. Use Translation Capture to translate English in webpages or files into Japanese while shown in Display.

Translation Finder/Translation Capture

Translation is from English into Japanese only.
English text may not be scanned or may not be translated properly depending on font, background, text color, text size, layout, etc.

Using Translation Finder

・Two images are captured, an original photo, and a translated photo.
・Captured photos are saved to SD Card.

1

In app sheet, (Tools) (Translation finder)

Photo Viewfinder (Translation Finder) opens.

・Alternatively, activate the SH Camera application and change the shooting mode to Translation. See "Changing Shooting Modes" for details on changing shooting modes.

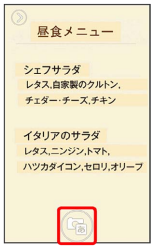
2

Aim Camera (External Camera) at English to translate

Japanese translation appears.

・Orient text in the same orientation as for recognition.
・Make sure entire English to be translated appears in screen.

3



Shutter clicks, and a translated photo and an original photo are captured. Captured photos are saved to SD Card, and a preview appears.

- Tap to toggle translated and original photos.
- Use two fingers on Display to rotate or zoom in/out on a captured photo. Rotate photo so text is horizontal and can be translated correctly.
- Tap translated Japanese and original English to search with in an encyclopedia, English-Japanese dictionary, or on the Internet. Touch & Hold to copy or share translated Japanese and English translation results.

Translation Finder Settings

In Photo Viewfinder (Translation Finder), Set items

Using Translation Capture

- Open content to translate (English webpage, etc.) beforehand.

1

Favorites (Translation Capture)

Japanese translation appears.

- If confirmation appears, follow onscreen prompts.
- Tap to toggle translated and original photos.
- Use two fingers on Display to rotate or zoom in/out on a captured photo. Rotate photo so text is horizontal and can be translated correctly.
- Tap translated Japanese and original English to search with in an encyclopedia, English-Japanese dictionary, or on the Internet. Touch & Hold to copy or share translated Japanese and English translation results.

Using Urgent News

View received information for earthquakes, tsunami, and other disasters (receive setting is enabled at time of purchase).

Disabling Urgent News

In received Urgent News list, Urgent News Incoming Setting Urgent News Incoming Setting ( )

Urgent News Cautions

Reception

Depending on usage/situation, handset may receive Urgent News for other areas or no Urgent News. SoftBank Mobile Corp. is not responsible for damages caused by using this service, including accidents resulting from received information, reception timing, or reception/reception failure.

Standby Time

While Urgent News is enabled, standby time is shorter.

If Urgent News Arrives

and a message appear in Status Bar. Handset sounds quake alert or disaster/evacuation information and tsunami alerts, and vibrates.

- Urgent News is not received during calls or transmissions, or when signal is weak.
- Alert sounds for arriving Urgent News even if in Manner mode.

1

Drag Status Bar down for Notifications Window

Notifications Window opens.

2

Tap the Urgent News

Received Urgent News list opens.

3

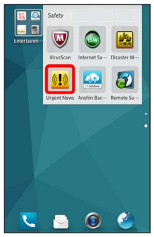
Tap the Urgent News to open

The received Urgent News opens.

Opening Old Received Urgent News

1

In app sheet, (Safety) (Urgent News)



Received Urgent News list opens.

2

Tap the Urgent News to open

The Urgent News opens.

Using Google Maps

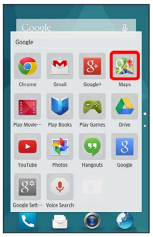
Viewing Maps of Specified Places

Features available with Google Maps include maps of current location, routes to destinations, and views of traffic conditions and aerial views.

・Enable location information beforehand to fully use Google Maps.

1

In app sheet, (Google) (Maps)



Map opens.

・If confirmation appears, follow onscreen prompts.
・Touch & Hold, Flick, or Pinch/Spread until target location is shown.

Google Maps Operations

Viewing Current Location

In map,

Enabling/Disabling Location Information for Google Applications

In map, Settings Google location settings Follow onscreen prompts

Viewing Traffic Conditions, Satellite View, Help, Etc.

In map, Tap information to view

Checking Route to Destination

In map, Follow onscreen prompts

Checking Useful Information

In map, Tap Search field Follow onscreen prompts

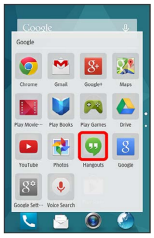
Using Hangouts

Hangouts is Google's instant messaging service. Use to communicate with other Hangout users, and also use video calling. Log in to a Google account beforehand.

Using Hangouts

1

In app sheet, (Google) (Hangouts)

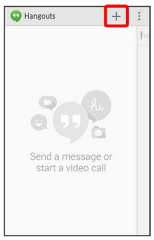


Hangouts opens.

・If confirmation appears, follow onscreen prompts.

2

on Action Bar



3

Enter friend's name, mail address, phone number, circle

Tap friend Follow onscreen prompts

Chat window opens.

・Each time text is entered, the corresponding friend appears.
・If a friend is not in a Hangout, a message appears. Tap Send invite to invite them to the Hangout.

Hangouts Operations

Ending a Chat

In Hangouts window, Flick the chat to end left/right

Using Video Chat

In chat window, on Action Bar

・Tap to end video chat.

Disabling Chat History

Do not create a chat history.

In chat window, Turn history off

Deleting Chat History

Delete all chat history.

In chat window, Delete Delete

Using Google Search

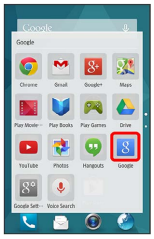
Search information saved on handset and in handset applications as well as on the Internet.

Searching

・Sign in to a Google account beforehand to also use Google Now.

1

In app sheet, (Google) (Google)



Search window opens.

・If a description for Google Now appears, Tap NEXT and read information. Tap YES, I'M IN. to use Google Now.

2

Enter search keywords

Search results appear.

3

Tap information to check

Information opens.

Google Search Operations

Changing Search Information

In search window, Settings Phone search Tap data to search ( )

Using Voice Searching in Search Window

In search window, in search keywords field Speak keywords into Mic Tap information to check

Using Google Now

Google Now automatically searches for information based on search keywords used until now, location information for user's current location, etc. and presents search results. Google Now also informs user of scheduled events.

In search window, Settings OFF for Google Now YES, I'M IN.

・Enable location information beforehand to fully use Google Now.

Canceling Google Now

In search window, Settings ON for Google Now Select whether to disable location history Turn off

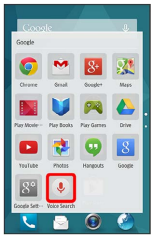
Searching for Information by Voice (Voice Search)

Search for information on the Internet by voice.

Using Google Voice Search™

1

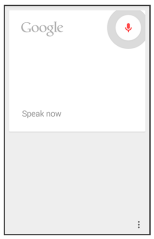
In app sheet, (Google) (Voice Search)



Voice Search opens.

2

Speak words to search with into handset



Search results appear.

3

Tap information to check

Information appears.

Using Calculator

Using Calculator

1

In app sheet, (Basic) (Calculator)

Calculator opens.

2

Tap onscreen keys for calculation

Calculation result appears.

Copying Calculation Result

While calculation result is shown, copy

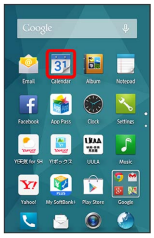
Using Calendar

Use Calendar to manage a schedule. Sync handset Calendar with Google Calendar online. Log in to a Google account beforehand.

Adding Events to Calendar

1

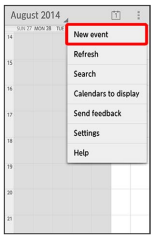
In app sheet, (Calendar)



Calendar opens.

2

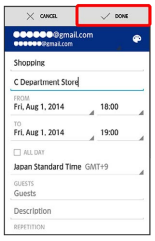
New event



Add event window opens.

3

Enter event name, start date/time, end date/time, etc. DONE

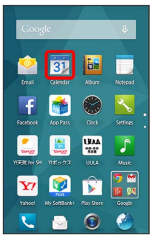


Event is added.

Checking Events

1

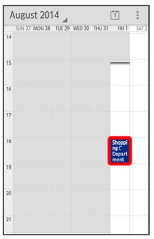
In app sheet, (Calendar)



Calendar opens.

2

Tap date Tap event



Event details appear.

・In event details, Tap on Action Bar to edit an event, or to delete an event.

Calendar Operations

Show Calendar for Today

In Calendar, on Action Bar

Change Calendar View

In Calendar, Tap the month and year/the month, date, and year at upper left Day / Week / Month / Agenda

View Next/Previous Month (Month View)

In Calendar, Flick up/down

View Next/Previous Week (Week View)

In Calendar, Flick left/right

View Next/Previous Day (Day View)

In Calendar, Flick left/right

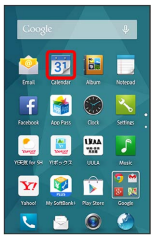
View Next/Previous Time Period (Day/Week View)

In Calendar, Flick up/down

Syncing Calendar

1

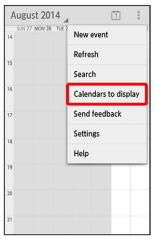
In app sheet, (Calendar)



Calendar opens.

2

☰ ➔ Calendars to display



3

Tap sync item (☑)

Sync setting is changed.

・Tap Calendars to sync to set syncing per each calendar registered to the account.

Using Alarm

Handset sounds alarm and vibrates when a time set beforehand is reached.

Setting Alarms

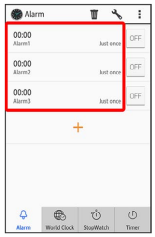
1

In app sheet, (Clock) ➔ Alarm

Alarm opens.

2

Tap alarm to set (Alarm1 , etc.)

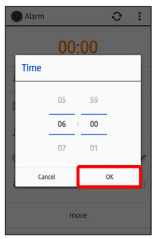


Alarm settings appear.

・Tap ＋ to add other alarms to set.

3

Tap time ➔ Select time ➔ OK



Alarm is set.

・To cancel an alarm, Tap ON in Alarm window (OFF).

Alarm Operations

Enabling/Disabling Alarm in Manner Mode

In Alarm window, 🔧 on Action Bar ➔ For Manner Mode ➔ Ring / Do not Ring

Setting the Sound of an Alarm

In Alarm window, on Action Bar ➔ Alarm volume ➔ Drag bar to adjust volume ➔ OK

・Release finger from bar to sound alarm at set volume

Deleting Alarms

In Alarm window, on Action Bar ➔ Tap alarm to delete (☑) ➔ Delete ➔ Yes

・To select (☑)/unselect (☐) all alarms, in window for selecting alarms, Tap ☑ / ☐ on Action Bar.

Initializing Alarm Settings

In Alarm settings, on Action Bar ➔ OK

Alarm Settings

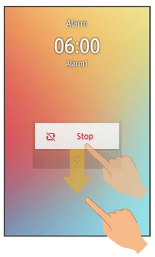
Tap and set the following items in Alarm settings.

・After Tapping an item, further settings may be required. Follow onscreen prompts.

Item	Description
Time	Set time for alarm.
Name	Change alarm name.
Repeat	Set alarm to sound every given day of the week, etc.
Alarm sound	Change alarm sound.
Vibration	Set whether handset vibrates with alarm.
Snooze	Set alarm to sound again a short time later after alarm is stopped.
more	Change interval between snooze alarms, number of times for snooze alarm to sound, etc.

Operation at Set Alarm Time

At the set alarm time, handset sounds alarm and vibrates.



・To stop an alarm, Drag Stop down.

・If an alarm with a snooze setting sounds, Drag Snooze down to snooze (pause the alarm), or Drag Stop down to stop the alarm.

・To cancel snoozing while an alarm is paused, Drag Alarm off down.

Using World Clock

View clocks for cities around the world.

Adding Cities

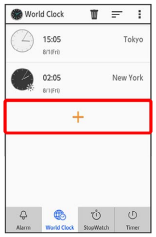
1

In app sheet, (Clock) ➔ World Clock

World clock window opens.

2

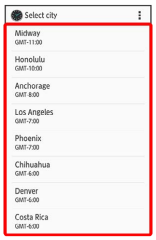
＋



Selection window for cites opens.

3

Tap city



City is added.

World Clock Operations

Setting Daylight Saving Time

appears for cities with a Daylight Saving Time setting.

To change setting:

In world clock window, Touch & Hold city ➔ Daylight Saving Time

Selecting and Deleting Cities

In world clock window, 🗑 on Action Bar ➔ Tap city (☑) ➔ Delete ➔ Yes

・To select (☑)/unselect (☐) all cities, in window for selecting cities to delete, Tap ☑ / ☐ on Action Bar.

Changing Order of Cities

In world clock window, ☰ on Action Bar ➔ Touch & Hold city to rearrange ➔ Drag to new position ➔ OK

Using StopWatch

Use StopWatch to track required time or elapsing time (lap times).

Using StopWatch

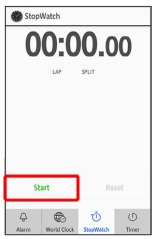
1

In app sheet, (Clock) ➔ StopWatch

StopWatch opens.

2

Start



Timing starts.

3

Stop

Time is shown.

StopWatch Operations

Resetting Timing Result

After timing, Reset

Timing Laps

While timing, Lap

・To reset lap times, after timing, Tap Reset .

Notifying Elapsed Time

Handset sounds alarm and vibrates when a time set beforehand elapses.

Setting the Timer

1

In app sheet, (Clock) → Timer

Timer opens.

2

Enter time

・Tap and enter +10min / +5min / +1min / +10sec .
・Tap Reset to return to "00:00."

3

Start

Countdown starts.

・When the set time elapses, handset sounds alarm and/or vibrates. To stop countdown, Tap Stop or Reset .

Timer Operations

Entering Time Manually

In Timer window, Tap time indication → Enter time → OK

Changing Alarm Sound

In Timer window, on Action Bar → Alarm Sound → Tap application (Media Storage , Sound/Ringtone , etc.) → Always / Just once → Tap alarm sound → OK

Setting Vibration

In Timer window, on Action Bar → Vibration

・Tap Vibration to toggle on (ON)/off (OFF).

Changing Timer Name

In Timer window, on Action Bar → Name → Tap name entry field → Enter name → OK

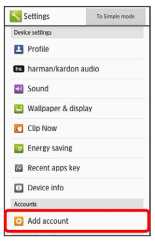
Using Facebook

Use Facebook to exchange information with friends and browse information for companies and organizations. See "Facebook website (http://www.facebook.com/)" for details on Facebook.

Sign in to Your Facebook Account from Account Settings

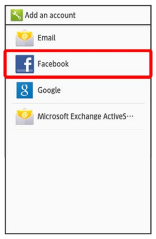
1

In app sheet, (Setting) Add account



2

Facebook



3

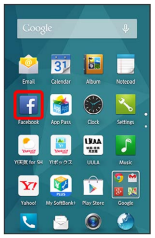
Follow onscreen prompts to set account

Facebook account is set.

Exchanging Information with Facebook

1

In app sheet, (Facebook)



Facebook opens.

・Follow onscreen prompts.

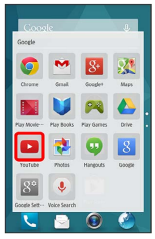
Using YouTube

View a variety of video contents uploaded to YouTube, and upload videos from handset.

Viewing Videos

1

In app sheet, (Google) (YouTube)



YouTube opens.

・If confirmation appears, follow onscreen prompts.

2

Tap video

Video plays.

・Tap Display while a video is playing for play/pause.

YouTube Operations

Signing In to YouTube

In YouTube window, Sign in Tap account OK

・Sign in to a Google account beforehand.

Uploading Videos

In YouTube window, on Action Bar Uploads on Action Bar Select video Enter title, etc. on Action Bar

・If confirmation appears, follow onscreen prompts.
・Sign in to YouTube beforehand.

Music Files (Music)

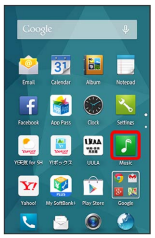
Playing Music Files

The following file formats are supported.

・3GPP, 3GPP2, MP4, MP3, AMR, WMA (except WMDRM content), ASF (except WMDRM content), OGG Vorbis, WAVE, MIDI, XMF, RTTTL/RTX, OTA, iMelody, ADTS raw AAC, FLAC

1

In app sheet, (Music)

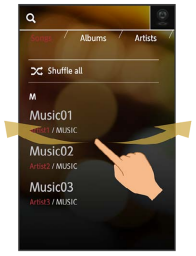


Library opens.

・ appears for the last played song in song list.

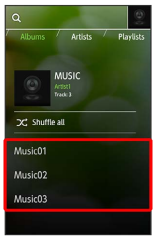
2

Flick left/right to select category (e.g., Albums)



3

Tap item Tap song



Song plays.

・In Songs , Tap song directly.

・Depending on category, after Tapping an item, you may need to Tap another item (e.g., album name).

Changing Playback Volume

While song plays, Volume Up/Down Key

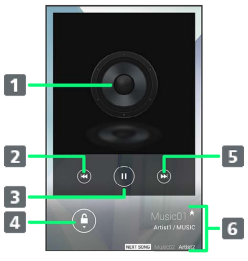
Music Playback Screen Layout

1 Song image
2 Song title, artist, album, next title information
3 Drag slider to adjust playback position
4 Play previous song or current song from beginning
5 Pause/play
6 Search for song
7 Link with other application
8 Set as favorite
9 Toggle repeat all songs, repeat current song, repeat off
10 Toggle shuffle playback on/off
11 Show song list
12 Play next song

Music Playback Screen during Screen Lock

After a period of inactivity during playback, Display turns off and the screen locks as song continues to play. Press for Welcome sheet (lock screen) and playback screen.

・Tap and use Music Playback Screen controls in Welcome sheet (lock screen).

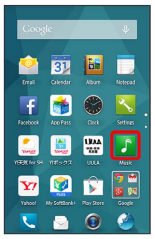


1 Song image
2 Play previous song or current song from beginning
3 Pause/play
4 Drag down to unlock screen
5 Play next song
6 Song title, favorites information, artist, album, next song information

Creating Playlists

1

In app sheet, (Music)

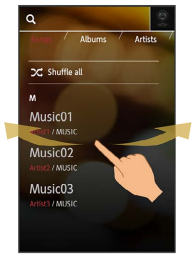


Library opens.

・ appears for the last played song in song list.

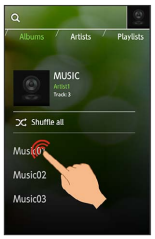
2

Flick left/right to select category (e.g., Albums)



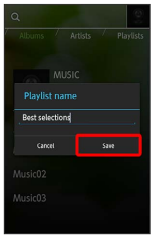
3

Tap item Touch & Hold song



4

Add to playlist New Playlist Tap playlist name entry field Enter playlist name Save



Song is added to playlist.

Playlist Operations

Playing Playlist

In Library window, Playlists Touch & Hold playlist Play

Playing Song in Playlist

In Library window, Playlists Tap playlist Tap song

Deleting Playlists

In Library window, Playlists Touch & Hold playlist Delete OK

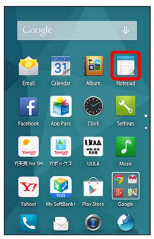
Using Notepad

Quickly register often-used text, memos, etc.

Adding to Notepad

1

In app sheet, (Notepad)



Notepad list opens.

2

Create → Enter content

3

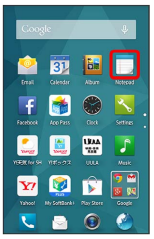
Save

Memo is saved.

Viewing Memos

1

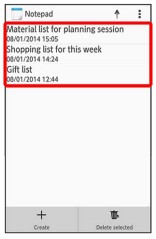
In app sheet, (Notepad)



Notepad list opens.

2

Tap memo



Memo opens (memo view window).

Notepad Operations

Editing Memos

In memo view window, Edit → Edit memo → Save

Deleting Memos

In memo view window, Delete → Yes

Selecting and Deleting Memos

In Notepad list, Delete selected → Tap memo (☑) → Delete → Yes

・To select (☑)/unselect (☐) all memos together, in memo selection window, ☑ / ☑ on Action Bar.

Sending Memos

In Notepad list or memo view window, on Action Bar → Tap send method → Tap memos (☑) → Send → Yes → Application is activated

・From memo view window, selecting memo and Tapping Send is unrequired.

Searching for Memos

In Notepad list, ☰ ➔ Search memos ➔ Tap entry field ➔ Enter search keywords ➔ Search ➔ Tap memo

Changing Text Size

In Notepad list or memo view window, ☰ ➔ Font size setting ➔ Tap text size

・Also use same operation while creating memo.

Using Memos

In memo view window, ☰ ➔ Insert in mail body / Convert to .txt ➔ Follow onscreen prompts

・Converted files can be viewed from Doc. in Contents Manager.

Using PC Files

View and edit files created with Microsoft® Office (Word, Excel®, PowerPoint®) and PDF format files.

Using Kingsoft Office

・Kingsoft Office may be unavailable or documents may appear incorrectly depending on the file.

1

In app sheet, (Tools) ➔ (Kingsoft Office)

Kingsoft Office opens.

・If a description of Kingsoft Office appears, Flick screen to read content.

2

開く (open) ➔ Tap file type ➔ Tap target file

File opens.

Managing Data Files

Manage/view photos, videos, music, and other files saved to SD Card.

Viewing Data

1

In app sheet, (Entertainment) (Contents Manager)

Contents Manager opens.

2

Tap type of data

・Flick data list area left/right to change type of data.
・Flick tabs at bottom for hidden types of data.

3

Tap data

Data opens (plays) (file view).

・If confirmation appears, follow onscreen prompts.

Contents Manager Operations

Selecting and Deleting Data

In Contents Manager window, Tap type of data Delete selected Tap data to delete ( ) Delete Yes

Searching for Data

In Contents Manager window, on Action Bar Tap search method Follow onscreen prompts

Importing Data for Address Book, Notepad, Etc.

Data received via Bluetooth® transfer and not yet imported to its corresponding application (Address Book , Notepad , etc.), can be viewed from Others in Contents Manager. To import this data:

In Contents Manager, Others Tap data to import Follow onscreen prompts

・To view data details, Touch & Hold data, and then Tap Details .

Types of Data

View the following types of data in Contents Manager.

Type of Data (Tab at Bottom of Display)	Description
Photo	Photos captured with handset Camera, emoji, and other photo files.
Movie	Videos captured with handset Camera, and other video files.
Music	Audio recorded with handset Voice Recorder, and other music and sound files.
Doc.	Text and other document files.
Others	Other types of data. Data received by Bluetooth® transfer, etc. including Address Book and Notepad data.

Recording/Playing Back Audio

Record and play back audio from conferences, interviews, etc. Fast-forward and rewind during playback. View list of recorded files from playback screen.

Recording Audio

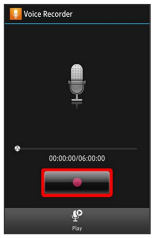
1

In app sheet, (Tools) (Voice Recorder)

Voice Recorder opens.

2

(start recording)



Tone sounds and recording starts (Notification Lamp lights).

3

To end recording, (stop recording)

Recording ends, and audio file is saved to SD Card.

・If a call arrives during recording, recording stops to allow call to be answered (recorded data is saved).

・After recording ends, Tap Play to play back audio.

Playing Back Previous Audio Recordings

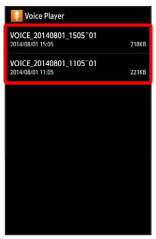
1

In app sheet, (Tools) (Voice Recorder)

Voice Recorder opens.

2

Play Tap file



Playback starts (playback screen).

・If call arrives, playback stops to allow call to be answered.

Voice Recorder Playback Operations

Changing Playback Volume

In playback screen, Volume Up/Down Key

Deleting File Being Played Back

In playback screen, on Action Bar Yes

Sending File Being Played Back

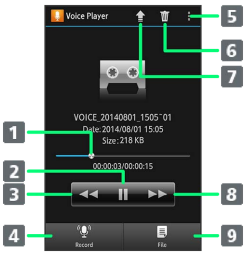
In playback screen, on Action Bar Tap send method Application is activated

Viewing Details of File Being Played Back

In playback screen, Detailed information

・To close details, Tap OK.

Playback Screen Layout



1 Drag slider to adjust playback position
2 Playback/pause
3 Rewind
4 Return to Voice Recorder window
5 Show menu
6 Delete file
7 Send file
8 Fast-forward
9 Show file list

Looking Up Words in Dictionary

Using Built-In Dictionaries

Use the built-in J to E, E to J, and J to J dictionaries.
Save looked-up words to word cards.

1

In app sheet, (Tools) (Dictionary)

Built-in Dictionary window opens.

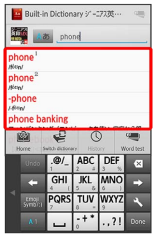
2

Enter word/phrase

Candidates appear as each character is entered.

3

Tap word



Meaning of word appears.

Built-In Dictionary Operations

Using Other Dictionaries

In Built-in Dictionary window, Switch dictionary Tap dictionary

・If confirmation appears, follow onscreen prompts.

Viewing History

In built-in dictionary, History Tap history

Looking Up Another Word

In built-in dictionary, Home

・Continue by entering and looking up new word/phrase.

Adding Word Cards

In Built-in Dictionary window (while search result shown), Add word card

Vocabulary Test

In Built-in Dictionary window, Word test → Tap number → Test starts → Show / Next → Test ends → Quit / Again

・To end test before completion, Tap Exit .

Viewing Word Cards

In Built-in Dictionary window, on Action Bar → Tap word card

Using Net Dictionaries

Use Net Dictionaries (online dictionaries) to search a variety of updated information.

・Requires Internet access.

1

In app sheet, (Tools) → (Dictionary)

2

Switch dictionary

3

Tap Net Dictionary (百科事典 , etc.)

Net Dictionary opens.

・If confirmation appears, follow onscreen prompts.

4

Enter word/phrase → Search

Search result opens.

5

Tap a search result

Search result details appear.

Net Dictionary Operations

Using Another Dictionary

In Net Dictionary window, Switch dictionary ➔ Tap dictionary

・If confirmation appears, follow onscreen prompts.

Viewing History

In Net Dictionary window, History ➔ Tap history

Looking Up a Different Word

In Net Dictionary window, Home

・Enter and look up a new word/phrase.

Finding More on a Result

In Net Dictionary window (search results shown), More details

Viewing Instructions for Net Dictionary

In Net Dictionary window, ☰ ➔ Help

Updating Dictionaries

In Net Dictionary window, Manage ➔ Tap dictionary (☑) ➔ Update

Selecting Dictionary to Use

In Net Dictionary window, Manage ➔ Tap dictionary (☑) ➔ Save

Viewing Ebooks

Using 電子書籍 GALAPAGOS (Denshi Shoseki GALAPAGOS)

1

In app sheet, (Entertainment) ➔ (電子書籍 GALAPAGOS)

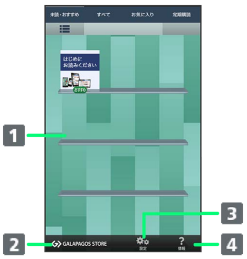
Denshi shoseki GALAPAGOS opens.

・If confirmation appears, follow onscreen prompts.

Viewing Instructions (Japanese)

In denshi shoseki GALAPAGOS window, 情報 ➔ マニュアル

Denshi Shoseki GALAPAGOS Window Layout



1 Bookshelf (Flick left/right to change)

2 Store access

3 Show settings

4 Check latest information

Using Personal Collect Board

View the information you want in one screen.
Check new messages/calls while viewing YouTube or calendar events, and customize with news, social networking, or other widgets.

Using Personal Collect Board

1

In app sheet, (Entertainment) (Personal Collect Board)

Personal Collect Board opens.

・If confirmation appears, follow onscreen prompts.

Personal Collect Board Operations

Viewing Applications at Normal Size

In Personal Collect Board window, Tap application display

・While viewing video, in Personal Collect Board window, Tap video display .

Setting Theme for Personal Collect Board Window

In Personal Collect Board window, Theme settings Tap theme

Adding Widgets

In Personal Collect Board window, Paste widget Tap widget

Widget is added.

Setting Calendar to View

In Personal Collect Board window, Calendar display settings Tap calendar to view ( ).

Linking to Alarm

In Personal Collect Board window, Alarm interlocking setting OFF for Alarm interlocking (ON) Tap priority display function

・To unlink alarm, Tap ON (OFF).

Checking Disclaimers

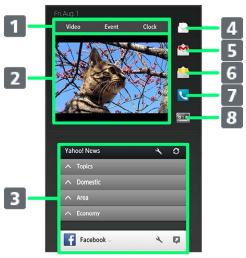
In Personal Collect Board window, Legal Notices

・After reading, Tap OK .

Initializing Personal Collect Board Settings

In Personal Collect Board window, Reset OK

Personal Collect Board Layout



1 Toggle views
2 View video/events/clock
3 Use widgets (Flick up for hidden widgets)
4 Open S! Mail/SMS
5 Open Gmail
6 Open Email
7 Open Phone
8 Show Answer Phone list

Connectivity

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Connecting to PC via USB

Connect to a PC or other device to transfer data or access data on handset SD Card from PC.

Cable Cautions

Do not forcefully pull or twist cables. May break wires.

USB Connection

Exchange data with a PC by the following methods (modes).

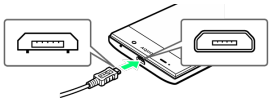
Mode	Description
MTP mode	Transfer files between SD Card and PC.
PTP mode	Transfer files between SD Card and PC. Use if the PC does not support MTP.
Card reader mode	Connect handset SD Card to a PC as a removable disk.

Transferring Data between Handset SD Card and PC (MTP mode)

Connect handset to a PC with Micro USB Cable [SHDDL1] (optional accessory).

1

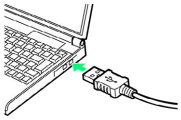
Insert Micro USB plug of Micro USB Cable into External Device Port



・Insert Micro USB plug in correct orientation; otherwise, External device Port may be damaged. Check contours and orientation of Micro USB plug before inserting it.

2

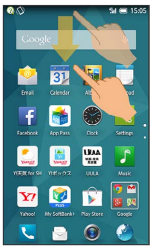
Insert USB plug of Micro USB Cable into PC USB port



・If confirmation appears, follow onscreen prompts.

3

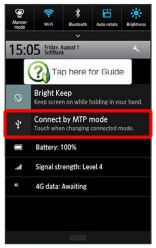
Drag Status Bar down for Notifications Window



Notifications Window opens.

4

Check that Connect by MTP mode appears



Once handset is recognized (MTP device), files can be transferred.

・If connected by another mode, in Notifications Window, Tap Connect by PTP mode / Connect by card reader mode and then MTP mode .

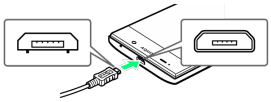
・When completed, remove Micro USB Cable from handset and PC.

Transferring Data between Handset SD Card and PC (Card reader mode)

Connect handset to a PC with Micro USB Cable [SHDDL1] (optional accessory).

1

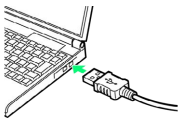
Insert Micro USB plug of Micro USB Cable into External Device Port



・Insert Micro USB plug in correct orientation; otherwise, External device Port may be damaged. Check contours and orientation of Micro USB plug before inserting it.

2

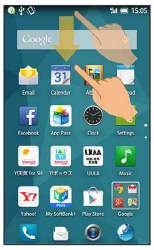
Insert USB plug of Micro USB Cable into PC USB port



・If confirmation appears, follow onscreen prompts.

3

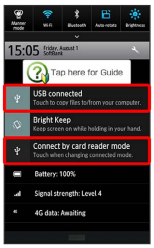
Drag Status Bar down for Notifications Window



Notifications Window opens.

4

Check that USB connected and Connect by card reader mode appear



・If connected by another mode, in Notifications Window, Tap Connect by MTP mode / Connect by PTP mode and then Card reader mode .

・If USB connected does not appear, SD Card is not inserted or not recognized. See "Inserting SD Card" for details.

5

Turn on USB storage → OK

Handset SD Card is mounted to the PC, and files can be transferred.

・If Turn on USB storage does not appear, Drag Status Bar down and Tap USB connected .

・To unmount SD Card from the PC, first unmount from PC and then Tap Turn off USB storage .

・While SD Card is accessing an application while mounted to the PC, message indicating SD Card cannot be accessed appears. Unmount SD Card to use.

・When completed, remove Micro USB Cable from handset and PC.

Wi-Fi

Use household Wi-Fi networks, etc. to connect to the Internet. Users of Wi-Fi routers by FON should refer to the "Fonルーターかんたん設定ガイド (http://mb.softbank.jp/mb/special/network/pdf/wifi_howto_01.pdf) (Fon Router Easy Settings Guide)" (Japanese).

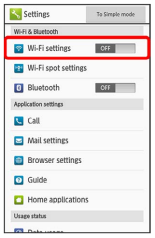
Automatic Updates for Optimizing Wi-Fi Connection

While using Wi-Fi, updates for optimizing connection may be received or applied automatically.

Enabling Wi-Fi

1

In app sheet, (Settings) Wi-Fi settings



Wi-Fi settings opens.

2

OFF on Action Bar

Wi-Fi is enabled (ON).

・Access point search starts; available access points appear upon completion.
・Tap ON to disable Wi-Fi (OFF).

Wi-Fi Operations

Enabling/Disabling Available Network Notifications

In Wi-Fi settings, Advanced Network notification

・Available when Wi-Fi settings is enabled.
・Tap Network notification to toggle on (☑)/off (☐).

Selecting a Wi-Fi Sleep Option

In Wi-Fi settings, Advanced Wi-Fi sleep policy Tap option

Disabling/Enabling Continuous Scanning

In Wi-Fi settings, Advanced Scanning always available

・Tap Scanning always available to toggle on (☑)/off (☐).

Enabling/Disabling Wi-Fi Settings for Poor Connections

In Wi-Fi settings, Advanced Avoid poor connections

・Tap Avoid poor connections to toggle on (☑)/off (☐).

Installing Certificates

In Wi-Fi settings, Advanced Install certificates Follow onscreen prompts

Checking MAC Address

In Wi-Fi settings, Advanced

・MAC address is shown under "MAC address."

Checking IP Address

In Wi-Fi settings, Advanced

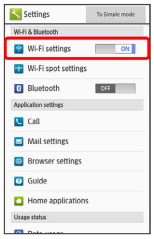
・IP address is shown under "IP address."

Connecting Selected Access Points

Enable handset Wi-Fi first.

1

In app sheet, (Settings) → Wi-Fi settings



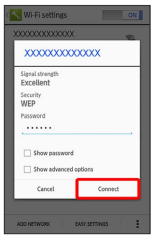
Wi-Fi settings opens.

2

Tap access point

3

Enter password → Connect



Handset connects to the access point.

- Password (indicated by WEP, WPA, KEY, etc.) may be found on a label on your Wi-Fi router. For details, contact the vendor of the router. For public wireless LAN services, check the password with your ISP.
- Omit password entry for unprotected access points.

Wi-Fi Operations

Connecting Access Points Manually

In Wi-Fi settings, ADD NETWORK → Enter Network SSID → Done → Tap Security field → Tap security protocol → Save

- Available when Wi-Fi settings is enabled.
- Depending on security protocol, other fields may also need to be completed.

Connecting Using AOSS

In Wi-Fi settings, EASY SETTINGS → AOSS → Follow onscreen prompts

Connecting Using WPS

In Wi-Fi settings, EASY SETTINGS → WPS Push Button → Follow onscreen prompts

- Available when Wi-Fi settings is enabled.
- To connect using the PIN method, Tap EASY SETTINGS in Wi-Fi settings, Tap WPS Pin Entry, then follow onscreen prompts.

Troubleshooting

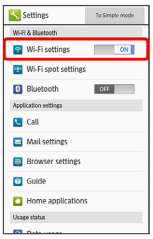
Q. Cannot detect access points

A. There may be multiple access points using neighboring channels. In this instance, handset may not detect access points correctly.

Disconnecting Wi-Fi

1

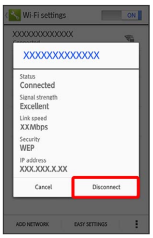
In app sheet, (Settings) → Wi-Fi settings



Wi-Fi settings opens.

2

Tap connected access point → Disconnect



Wi-Fi is disconnected.

- Password entry may be required to reconnect to access point.

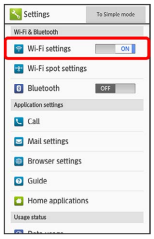
Using Wi-Fi Direct

Use Wi-Fi Direct to establish a Wi-Fi connection with other Wi-Fi Direct compatible devices with no need for an access point or Internet connection.

・Enable handset Wi-Fi first.

1

In app sheet, (Settings) Wi-Fi settings



Wi-Fi settings opens.

2

Wi-Fi Direct

Found Wi-Fi Direct compatible devices appear in Peer devices field.

・If target device does not appear, Tap SEARCH FOR DEVICES to try searching again.

3

Tap target device Follow onscreen prompts for authentication

Handset connects to the device.

・A connection request will be canceled if not accepted within a certain period of time.
・To disconnect devices, Tap one then Tap OK .

Tethering Option

About Tethering Option

Use handset like a Wi-Fi router to connect to the Internet from a PC or game device.

・Requires separate subscription.
・Use after confirming that handset is updated to the latest software.

Starting Up Tethering Option

1

In app sheet, (Tools) (Tethering)

Tethering Option window opens.

・When Terms of Agreement appear, follow onscreen prompts.

How to Use Tethering Option (Japanese)

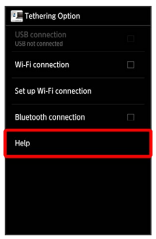
1

In app sheet, (Tools) (Tethering)

Tethering Option window opens.

2

Help



Help window opens.

3

Follow onscreen prompts

A description of each item appears.

Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity. Connect to a Bluetooth® -capable mobile phone, etc. to transfer data.

Troubleshooting

Q. Cannot use Bluetooth®

A. Airplane mode may be active. Activating Airplane mode disables Bluetooth®. (Bluetooth® can be enabled again while Airplane mode is active.)

Bluetooth® Usage Cautions

Connection

Bluetooth® connection may not be possible with some Bluetooth® devices. Noise may interfere with wireless or handsfree conversations.

File Transfer

Files may not appear correctly on recipient devices.

Bluetooth® Functions

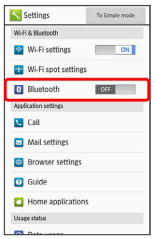
The Bluetooth® function is a technology that enables wireless connection with PCs, Bluetooth® devices with handsfree functionality, etc. such as the following.

Function	Description
Sound output	Listen to music, audio, etc. wirelessly.
Handsfree conversation	Use Bluetooth® devices (e.g., headsets) for handsfree conversations.
File transfer	Transfer files between handset and Bluetooth® devices.

Enabling Bluetooth®

1

In app sheet, (Settings) Bluetooth



Bluetooth® menu opens.

2

OFF on Action Bar

Bluetooth® is enabled (ON).

・Tap ON to disable Bluetooth® (OFF).

Bluetooth® Connection Operations

Setting whether to Allow Other Devices to Detect Handset

In Bluetooth® menu, Tap handset name (default: 305SH)

・Description below handset name changes to Visible to all nearby Bluetooth devices, and handset will be discoverable from other Bluetooth® devices for a period of time set in Visibility timeout .

・After a period of time set in Visibility timeout , handset returns to non-discoverable state automatically and will be hidden from unpaired devices.

Renaming Handset Name that Appears on Other Devices

In Bluetooth® menu, Rename phone Enter name Rename

・Renaming may not be possible if a pictogram is used.

Changing Timeout Duration

In Bluetooth® menu, Visibility timeout Tap option

・For Never time out , handset does not return to non-discoverable state automatically.

Setting whether to Always Use Handsfree Device or Operated Device for Calls

In Bluetooth® menu, Handsfree setting

・Tap Handsfree setting to toggle on ( )/off ( ).

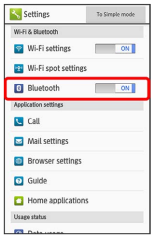
Pairing with Other Bluetooth® Devices

Pair nearby Bluetooth® devices with handset to transfer files, for handsfree conversations, or to listen to music.

・Enable Bluetooth® on handset and set target devices to be discoverable first.

1

In app sheet, (Settings) Bluetooth



Bluetooth® menu appears; found Bluetooth® devices appear in Available devices field.

・If target device does not appear, Tap SEARCH FOR DEVICES to try searching again.

2

Tap target device Follow onscreen prompts for authentication

Pairing completes; handset connects to some devices (e.g., handsfree devices) automatically.

・Authentication procedure varies by device. Passkey entry may be required.
・Passkey is a 1 to 16-digit alphanumeric code required for authentication between handset and other devices.
・Paired devices appear in Paired devices field.

Pairing Operations

Renaming Paired Devices

In Bluetooth® menu, for target device Rename Enter name OK

・Renaming may not be possible if a pictogram is used.

Connecting to Bluetooth® Devices by Service

In Bluetooth® menu, for target device Tap item

・Available when handset is paired with compatible devices.

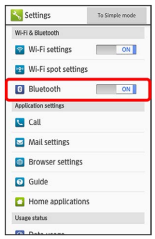
Unpairing Devices

In Bluetooth® menu, for target device Unpair

Connecting Paired Bluetooth® Devices

1

In app sheet, (Settings) Bluetooth



Bluetooth® menu opens.

・Paired Bluetooth® devices appear in Paired devices field.

2

Tap target device

Handset connects to the device.

Accepting Connection Requests

Handset automatically accepts connection requests from paired devices. For unpaired devices, set handset to be discoverable first; when connection request arrives, follow onscreen prompts.
・If confirmation appears, follow onscreen prompts.

Disconnecting Devices (e.g., Handsfree Devices)

In Bluetooth® menu, Tap connected device OK

Sending Files (e.g., Address Book)

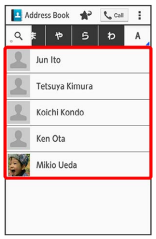
1

In app sheet, (Basic) (Address Book)

Address Book opens.

2

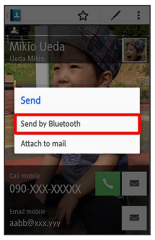
Tap tab Tap contact



Contact opens.

3

Send Send by Bluetooth



4

Send (no image) or Send (image) (Yes when face image/photo is not saved)

5

Tap target device

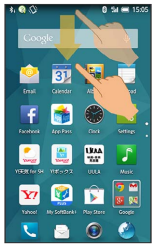
File is sent.

Receiving Files (e.g., Address Book)

When file reception request arrives, appears. To receive files:

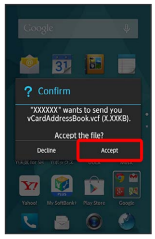
1

Drag Status Bar down for Notifications Window



2

Tap Bluetooth® share notification Accept

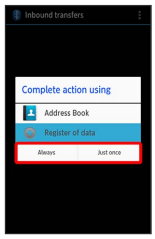


3

After file reception, Drag Status Bar down for Notifications Window

4

Tap Bluetooth® share notification Tap file Register of data Always or Just once



File content is saved.

・If confirmation appears, follow onscreen prompts.

Opening Files Received by Bluetooth® Transfer

In Bluetooth® menu, Show received files Tap file

・Follow onscreen prompts.

Showing Handset Screen on Other Devices

View the same content output from handset screen on another device (mirroring). Enjoy handset photos and videos on the larger screen of a TV, etc.

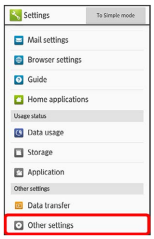
Using Wireless Output

Connect handset and a nearby Wi-Fi Direct-compatible device by Wi-Fi without an intermediate access point.

・Depending on handset application, handset screen may not appear on connected device.

1

In app sheet, (Settings) Other settings



2

Network settings Wireless output(Miracast)

Wireless output window opens.

・If confirmation appears, follow onscreen prompts.

3

OFF on Action Bar

Wireless output is enabled (ON).

・If Wi-Fi settings are OFF, they are turned ON.
・Handset scans for nearby devices, and names of available Wi-Fi Direct-compatible devices appear.
・To disable wireless output, Tap ON (OFF).

4

Tap other devices

After authenticating, the same content as on handset screen appears on other devices.

・Authenticated devices are registered to handset, allowing an easier next connection.
・If a call arrives or battery runs low during wireless output, handset is disconnected.

5

Operate handset for screen to show on other devices

Screen on other devices change according to handset screen.

Wireless Output Operations

Wirelessly Outputting to Previously-Connected Devices

Available when Wireless output is ON.

Tap device to connect to in Wireless output window

Setting Authentication Method

In Wireless window, Authentication method Push-button method / PIN method / DISPLAY method

Enabling/Disabling Handset Screen to Turn Off during Wireless Output

In Wireless output window, Keep the screen on

・Tap Keep the screen on to toggle on ( )/off ( ).
・If handset screen turns off during wireless output, nothing appears on other device screens.

Viewing Help

In Wireless output window, Help

Global Services

Global Roaming..... 174
Calling from Outside Japan.....175

Global Roaming

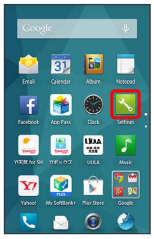
Handset is Global Roaming Service eligible. Use the same handset number outside Japan.

Setting a Cellular Provider

Handset connects to an appropriate cellular provider automatically by default. To set a cellular provider manually:

1

In app sheet, (Settings)



2

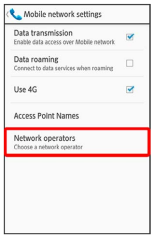
Other settings ➔ Network settings

3

Mobile networks

4

Network operators



5

Tap provider

Cellular provider is set.

- To set an appropriate cellular provider automatically, Tap Choose automatically .
- To search for all available cellular providers, Tap Search networks .

Calling from Outside Japan

See SoftBank Mobile Website for details:
http://mb.softbank.jp/en/global_services/
Access roaming area/rate information or print it out to carry while traveling abroad.

Enabling/Disabling Abroad Assistant

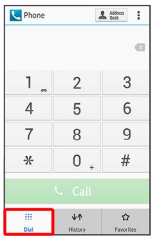
In app sheet, (Settings) Call Int'l call settings Abroad assistant

・Tap Abroad assistant to toggle Enable ( ) and Disable ( ).

Calling Japan

1

In app sheet, (Basic) (Phone) Dial



Call Window opens.

・When missed call window appears, Tap . If Feel UX Home returns, perform 1 again.

2

Use onscreen dialpad to enter number Call

Roaming assistant appears.

・Do not add + before the number.

3

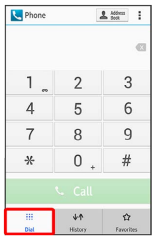
Japan number

Handset dials the number.

Calling Landlines & Mobiles within Current Country

1

In app sheet, (Basic) (Phone) Dial



Call Window opens.

・When missed call window appears, Tap . If Feel UX Home returns, perform 1 again.

2

Use onscreen dialpad to enter number Call

Roaming assistant appears.

・Do not add + before the number.

3

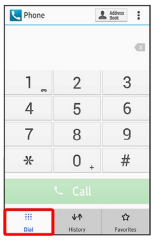
Stay country number

Handset dials the number.

Calling Countries aside from Japan

1

In app sheet, (Basic) ➔ (Phone) ➔ Dial



Call Window opens.

・When missed call window appears, Tap . If Feel UX Home returns, perform **1** again.

2

Use onscreen dialpad to enter number ➔ Call

Roaming assistant appears.

・Do not add + before the number.

3

Other country number

Country code list opens.

4

Tap country code

Handset dials the number.

・When calling SoftBank handsets, always Tap 日本(JPN) .

Country Code List Operations

Changing Country Codes

In app sheet, (Settings) ➔ Call ➔ Int'l call settings ➔ User list ➔ Tap country/area ➔ Change by list ➔ Tap country/area ➔ Register

・Tap Entry direct to enter country name and code directly.

Deleting Country Codes

In app sheet, (Settings) ➔ Call ➔ Int'l call settings ➔ User list ➔ Tap country/area ➔ Delete from list

Handset Settings

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About Settings

About Settings

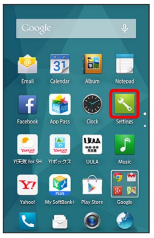
In app sheet, Tap (Settings) to customize the following settings.

・To access basic setting items only, Tap To Simple mode Yes.

Item	Description
Profile	Check handset number, email address, etc.
harman/ kardon audio	Set sound effect, etc. when connecting an earphone or connected via Bluetooth®.
Sound	Set Manner mode, ringtone, confirmation tones, etc.
Wallpaper & display	Set Wallpaper, Display brightness, etc.
Clip Now	Enable Clip Now.
Energy saving	Adjust corresponding settings together at once to save battery power, or check battery status.
Recent apps key	Change function to execute when Tapping Recent apps key.
Device info	Check handset status.
Add account	Create/add accounts; sync them as needed.
Wi-Fi settings	Enable Wi-Fi connection.
Wi-Fi spot settings	Make SoftBank Wi-Fi spot settings.
Bluetooth	Enable Bluetooth®.
Call	Set call options.
Mail settings	Set Mail options.
Browser settings	Set Browser options.
Guide	Show/hide Guide indicator.
Home applications	Switch Home application.
Data usage	Check data usage and set limit.
Storage	Check handset/SD Card memory status, mount SD Card and erase SD Card files.
Application	Check installed applications and running applications.
Data transfer	Import files from other mobiles using SD Card or Bluetooth®, or back up handset files to SD Card.
Other settings	Set operation of other functions.

1

In app sheet, (Settings)



Settings opens.

2

Set each item

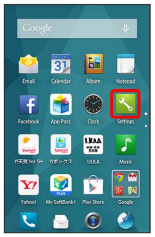
Setting is complete.

Profile Settings

Profile Settings

1

In app sheet, (Settings)



2

Profile

Handset phone number can be viewed (Profile window).

Profile Operations

Edit Profile

In Profile window, on Action Bar Edit information Save Yes

・To show/add entry fields, Tap +, and to delete, ×.

Send Profile

In Profile window, Send Tap send method Yes Follow onscreen prompts

Set Items when Sending Data

In Profile window, Send Send profile info setting Tap items to send (☑) Save Yes

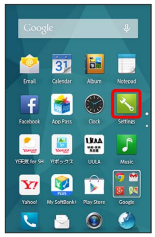
・To select (☑)/unselect (☐) all items together, Tap ☑/☑ on Action Bar.

harman/kardon audio Settings

harman/kardon audio Settings

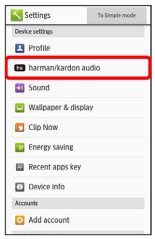
1

In app sheet, (Settings)



2

harman/kardon audio

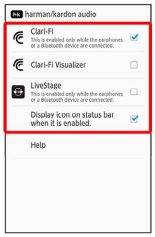


harman/kardon audio window opens.

・If confirmation appears, follow onscreen prompts.

3

Clari-Fi / Clari-Fi Visualizer / LiveStage / Display icon on status bar when it is enabled.



Setting is complete.

・Tap Clari-Fi / Clari-Fi Visualizer / LiveStage / Display icon on status bar when it is enabled. to toggle on (☑)/off (☐).

・Enable Clari-Fi Visualizer to view Clari-Fi Visualizer.

・For details on harman/kardon audio, see "Using harman/kardon audio."

Viewing Help

In harman/kardon audio window, Help

Sound Settings

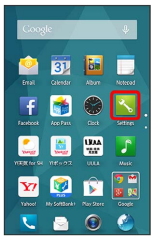
Sound Settings

Set Manner mode as well as make settings for ringtone, operation tones, etc. Settable items are the following.

Item	Description
Mode settings	Set Manner mode.
Volume	Adjust volume levels for Phone ringtone, Alarm, etc.
For Incoming call	Set ringtone and other options for incoming calls.
For new message	Set ringtone and other options for incoming messages.
For notification	Set sound and other options for notifications.
Alarm	Set Alarm operation, volume, etc.
Timer	Set sound and other options for Timer.
Haptic feedback	Enable Vibration when Tapping dialpad, etc.
Audible touch tones	Enable confirmation tones when Tapping a menu.
Dial pad touch tones	Enable/disable dialpad tones.
Screen lock sounds	Enable tone when locking/unlocking Touchscreen.

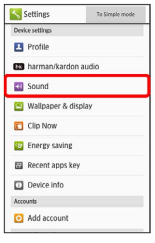
1

In app sheet, (Settings)



2

Sound



Sound menu opens.

3

Set each item

Setting is complete.

Sound Operations

Set Manner Mode

In Sound menu, Mode settings → Tap option

・Camera shutter sound, video recording tones, music, video/game sounds, etc. still play even in Manner mode.

Set Volume for Music, Movies, Games, New Call/Mail Notification, Alarm, etc.

In Sound menu, Volume → Drag each slider to adjust Volume → OK

・Sound plays at set Volume when releasing finger.

Set Ringtone for Incoming Calls

In Sound menu, For Incoming call → Melody → Tap option (Media Storage , Sound/Ringtone , etc.) → Always / Just once → Tap tone/file → OK

・Sound plays when Tapping a tone/file.

Enable/Disable Vibration for Incoming Calls

In Sound menu, For Incoming call → Vibration → ON / OFF

Set Vibration Pattern for Incoming Calls

In Sound menu, For Incoming call → Vibrator pattern → Tap pattern → OK

・Handset vibrates when Tapping a pattern.

Set Notification Lamp Illumination for Incoming Calls

In Sound menu, For Incoming call → Blinking pattern / Blinking color → Tap item → OK

・Notification Lamp flashes when Tapping an item.

Set Ringtone and Other Options for Incoming Messages

In Sound menu, For new message → Set each item

・Ringtone duration can be set in For notification .

Set Ringtone for Notifications

In Sound menu, For notification → Notification sounds → Tap option (Media Storage , Sound/Ringtone , etc.) → Always / Just once → Tap tone/file → OK

・Sound plays when Tapping a tone/file.

Enable/Disable Notification Lamp for Notifications

In Sound menu, For notification → Pulse notification light

・Tap Pulse notification light to toggle on (☑)/off (☐).
・Disable Pulse notification light to save battery power.

Set Ringtone Duration for Notifications

In Sound menu, For notification → Ring duration → Ring time setting → Select time → OK

・For Ring single song , selected tone/file plays to the end.

Alarm Settings

In Sound menu, Alarm → Follow onscreen prompts

Timer Settings

In Sound menu, Timer → Follow onscreen prompts

Enable Vibration when Tapping Dialpad, Etc.

In Sound menu, Haptic feedback

・Tap Haptic feedback to toggle on (☑)/off (☐).
・Disable Haptic feedback to save battery power.

Enable Confirmation Tones when Tapping a Menu

In Sound menu, Audible touch tones

・Tap Audible touch tones to toggle on (☑)/off (☐).
・Disable Audible touch tones to save battery power.

Enable/Disable Dialpad Tones

In Sound menu, Dial pad touch tones

・Tap Dial pad touch tones to toggle on (☑)/off (☐).
・Disable Dial pad touch tones to save battery power.

Enable Tone when Locking/Unlocking Touchscreen

In Sound menu, Screen lock sounds

・Tap Screen lock sounds to toggle on (☑)/off (☐).
・Disable Screen lock sounds to save battery power.

Wallpaper & Display Settings

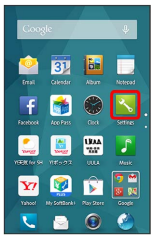
Wallpaper & Display Settings

Set Wallpaper and Display brightness. Settable items are the following.

Item	Description
Wallpaper	Set Wallpaper for home screen.
Welcome Sheet(lock screen)	Set Wallpaper and other options for Welcome sheet (lock screen).
Screen edge effect	Set operation when Display turns on, etc.
Brightness	Set Display brightness.
Screen timeout	Set a period of inactivity after which Display turns off automatically.
Quality mode	Select a mode (combination of Display color tone and brightness).
Auto-rotate screen	Set whether to rotate Display with handset orientation automatically.
Screen lock during call	Set whether to prevent misoperation of Touchscreen during calls.
Screen on/off with motion	Set Display to turn on/off according to handset movement or operation.
Font Settings	Set font size and font type.
Daydream	Set screensaver to activate when Display turns off while charging.
Display left percents of Battery	Set whether to show battery strength in percent.

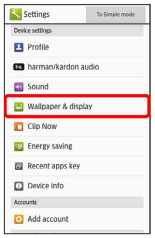
1

In app sheet, (Settings)



2

Wallpaper & display



Wallpaper & display menu opens.

3

Set each item

Setting is complete.

Wallpaper & Display Operations

Set Image on SD Card to Home Screen Wallpaper

In Wallpaper & display menu, Wallpaper → Tap application (Contents manager , etc.) → Always / Just once → Follow onscreen prompts

・If confirmation appears, follow onscreen prompts.

Set Preloaded Image as Wallpaper

In Wallpaper & display menu, Wallpaper → Live Wallpapers / Smart Custom / Wallpaper gallery → Always / Just once → Select image → Set wallpaper / Set to wallpaper

・For some images, additional settings are available. Follow onscreen prompts.
・If confirmation appears, follow onscreen prompts.

Set Still Image as Wallpaper for Welcome Sheet (Lock Screen)

In Wallpaper & display menu, Welcome Sheet(lock screen) → Welcome Sheet wallpaper → Tap ❯ in Image field → Tap page (e.g., Page 1) → Tap option (e.g., Contents manager) → Follow onscreen prompts

・To remove Wallpaper, Tap To cancel the setting when Tapping an option.

Set Live Wallpaper to Welcome Sheet (Lock Screen)

In Wallpaper & display menu, Welcome Sheet(lock screen) → Welcome Sheet wallpaper → Tap ❯ for Live wallpaper → Tap image → Set wallpaper

・For some Wallpapers, additional settings are available. Follow onscreen prompts.

Apply Wallpaper Setting to Welcome Sheet (Lock Screen) Wallpaper

In Wallpaper & display menu, Welcome Sheet(lock screen) → Welcome Sheet wallpaper → To reflect the wallpaper setting

Set Shortcuts on Welcome Sheet (Lock Screen)

In Wallpaper & display menu, Welcome Sheet(lock screen) → Shortcut → Tap shortcut to change → Tap shortcut type (Application , etc.) → Tap function to activate with shortcut

Set Information for Info Area in Welcome Sheet (Lock Screen)

In Wallpaper & display menu, Welcome Sheet(lock screen) → Info area → 天気設定 (weather)/ 株価設定 (stocks) → Follow onscreen prompts

Set Welcome Sheet (Lock Screen) Lighting Time

In Wallpaper & display menu, Welcome Sheet(lock screen) → Welcome lighting time → Tap number of seconds

Set Whether Names of Notifications Appear in Welcome Sheet (Lock Screen)

In Wallpaper & display menu, Welcome Sheet(lock screen) → Display names of new notifications

- Tap Display names of new notifications to toggle on (☑)/off (☐).

Set Effect for Display Edge

In Wallpaper & display menu, Screen edge effect → OFF / ON on Action Bar

- Tap OFF to toggle on (ON), ON to toggle off (OFF).
- When on, Tap When display turns on → Tap pattern → OK to set pattern when Display turns on.
- Tap For incoming call / For rumbling alarm / When start charging to toggle on (☑)/off (☐).

Set Display Brightness

In Wallpaper & display menu, Brightness → Automatic brightness / Brighten while charging → OK

- Tap Automatic brightness / Brighten while charging to toggle on (☑)/off (☐).
- Drag slider to adjust brightness.

Set a Period of Inactivity after which Display Turns Off

In Wallpaper & display menu, Screen timeout → Tap time

- Set a shorter time to save battery power.

Set Quality

In Wallpaper & display menu, Quality mode → Tap mode

Enable/Disable Screen Rotation

In Wallpaper & display menu, Auto-rotate screen

- Tap Auto-rotate screen to toggle on (☑)/off (☐).
- Disable Auto-rotate screen to reduce battery consumption.

Set Screen Lock to Prevent Misoperation during Calls

In Wallpaper & display menu, Screen lock during call

- Tap Screen lock during call to toggle on (☑)/off (☐).

Set Whether to Keep Display Turned On while Hand-Holding Handset

In Wallpaper & display menu, Screen on/off with motion → Bright Keep → Bright Keep → ON (Notify) / ON (Not notify) / OFF

- For ON (Notify), appears indicating Bright Keep is enabled.
- Hand-held state is determined based on handset angle and Proximity/Light Sensor responses; may not be determined correctly depending on usage status.

Set Whether to Keep Display Turned On when Handset Placed Down

In Wallpaper & display menu, Screen on/off with motion → Bright Keep → Turn off immediately when putting flatly

- Tap Turn off immediately when putting flatly to toggle on (☑)/off (☐).
- Available when Bright Keep is enabled.
- May not work properly depending on application in use.

Enable/Disable Flick to Turn On Display

In Wallpaper & display menu, Screen on/off with motion → Sweep ON

- Tap Sweep ON to toggle on (☑)/off (☐).
- If confirmation appears, follow onscreen prompts.

Enable Shake to Turn Off Display

In Wallpaper & display menu, Screen on/off with motion → Shake OFF

- Tap Shake OFF to toggle on (☑)/off (☐).
- If confirmation appears, follow onscreen prompts.

View Video Tutorial

In Wallpaper & display menu, Screen on/off with motion → Video tutorial → Follow onscreen prompts

Set Text Size for Menus, Etc.

In Wallpaper & display menu, Font Settings → Font size → General → Tap size

Set Text Size for S! Mail/SMS

In Wallpaper & display menu, Font Settings → Font size → Mail → Tap size → OK

Set Text Font

In Wallpaper & display menu, Font Settings → Text font → Tap font → OK

- Tap Search download font to search for fonts on Google Play.
- Depending on the application, changing the font may prevent text from being shown correctly. Reset to the preset font.

Set Screen during Charging

In Wallpaper & display menu, Daydream → OFF / ON on Action Bar

- Tap OFF to toggle on (ON), ON to toggle off (OFF).
- When ON, Tap function to set.
- Tap 🔧 to set details for function that appears.
- Tap START NOW to check a preview.

Enable/Disable Battery Percentage Indication

In Wallpaper & display menu, Display left percents of Battery

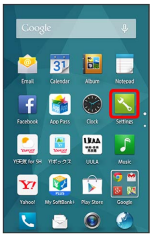
- Tap Display left percents of Battery to toggle on (☑)/off (☐).

Clip Now Settings

Clip Now Settings

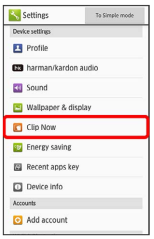
1

In app sheet, (Settings)



2

Clip Now



Clip Now window opens.

3

Clip Now ON/OFF setting (☑)

Setting is complete.

- Tap Clip Now ON/OFF setting to toggle on (☑)/off (☐).
- For details on Clip Now, see "Using Clip Now."

Viewing Instructions for Clip Now

In Clip Now window, Guide

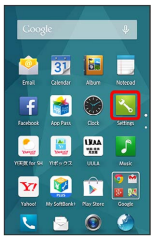
Energy Saving Setting

Using Energy Saving Settings

Use handset in an energy-saving mode.

1

In app sheet, (Settings)



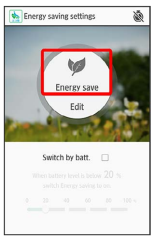
2

Energy saving → Energy saving settings

Energy saving settings opens.

3

Energy save



Setting is complete.

・Appears green when Energy save is enabled.

Editing Energy Save Settings

In Energy saving settings, Edit → Tap setting

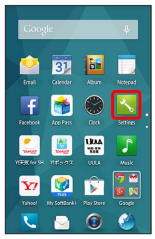
・Follow onscreen prompts.

Changing Energy Saving Settings According to Battery Level

Set Energy save to be enabled when battery level falls below a certain level.

1

In app sheet, (Settings)



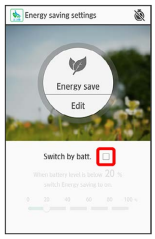
2

Energy saving → Energy saving settings

Energy saving settings opens.

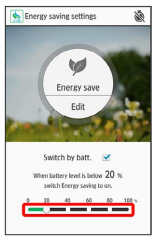
3

☐ for Switch by batt. (☑)



4

Drag slider to set battery level



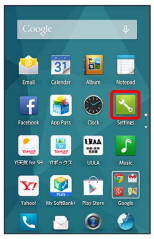
Setting is complete.

Changing Energy Saving Settings by Time of Day

Set handset to change Energy save settings automatically at a preset time of day.

1

In app sheet, (Settings)



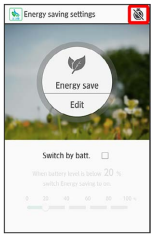
2

Energy saving ➔ Energy saving settings

Energy saving settings opens.

3

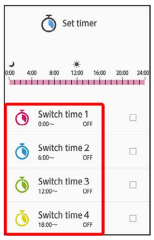
on Action Bar



Set timer window opens.

4

Tap switch time (Switch time 1 , etc.)

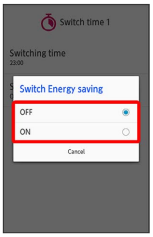


5

Switching time ➔ Select time ➔ OK

6

Switch Energy saving ➔ OFF / ON



7

➔ for set switch time (☑)

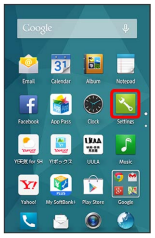
Setting is complete.

Using Eco Standby

Restrict the operation of background applications while Display is turned off.

1

In app sheet, (Settings)



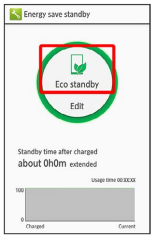
2

Energy saving → Energy save standby

Energy save standby window opens.

3

Eco standby



Setting is complete.

・Appears green when Eco standby is enabled.

Set Applications with Restricted Operation in Eco Standby

In Energy save standby window, Edit → Run (Block) for applications to set → Yes

・To cancel restricted operation, Tap Block (Run) for set application.

Energy Saving Cautions

Applications with Periodic Data Communication

Depending on the application, data communication may not be carried out correctly after Eco standby is switched from enabled to disabled. Power handset off then back on.

Eco Standby

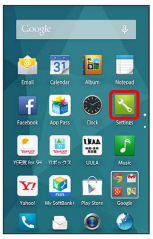
Eco standby restricts the operation of background applications while Display is turned off. Some functions may not operate correctly.

Battery Settings

Check Battery usage.

1

In app sheet, (Settings)



2

Energy saving → Battery

Battery window opens.

3

Tap item

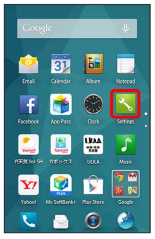
Details of Battery usage appear.

Recent Apps Key Setting

Recent Apps Key Setting

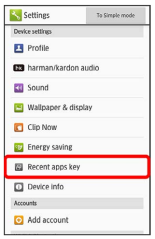
1

In app sheet, (Settings)



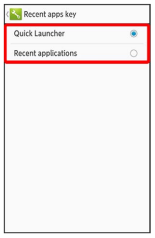
2

Recent apps key



3

Quick Launcher or Recent applications



Setting is complete.

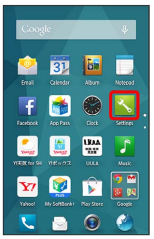
Device Info

Device Info

Check handset status.

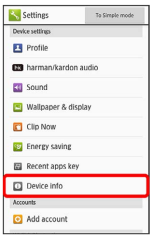
1

In app sheet, (Settings)



2

Device info



Device info menu opens.

・For details on Software update, see "Software Updates."

Device Info Operations

Make Developer Options Available

In Device info menu, Tap Build number seven times

・To access developer options, open Settings, then Tap Other settings Developer options .

Check Handset Status (Battery Status, Handset Number, Etc.)

In Device info menu, Status

・Tap Battery status to check battery performance.

・Tap IMEI to view barcode with IMEI number.

Diagnose Handset

In Device info menu, Self check Start checking Tap item(s)(☑) Next Next Start diagnosis Follow onscreen prompts

・To select (☑) or cancel (☐) all items together at once, in Select to diagnosis window, Tap ☑ or ☐ on Action Bar.

Learn about Increase in Handset Temperature

In Device info menu, Self check ➔ Temperature advice ➔ Follow onscreen prompts

Reboot Handset in Safe Mode

In Device info menu, Self check ➔ Reboot with safe mode ➔ OK

・Handset reboots in the near-default state.
・To exit safe mode, Tap Self check in Device info menu ➔ Reboot to cancel safe mode ➔ OK .

Check Handset Diagnosis Records

In Device info menu, Self check ➔ Tap diagnosis record ➔ Follow onscreen prompts

Calibrate Touchscreen

Calibrate Touchscreen to improve response. Hold handset normally during calibration.

In Device info menu, Adjust touch panel ➔ Follow onscreen prompts

Calibrate Motion & Electromagnetic Sensors

In Device info menu, Adjust sensitivity of sensor ➔ OK ➔ Follow onscreen prompts (tone sounds when calibration completes) ➔ OK

Set a Cellular Provider

In Device info menu, Carrier Setting ➔ Yes ➔ Follow onscreen prompts

Check Legal Information & Technical Regulations Conformity Certification

In Device info menu, Legal information / Technical Regulations Conformity Certification

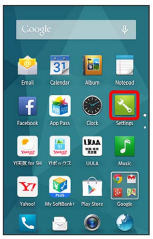
Add Account

Add Account

Create/add accounts; sync them as needed.

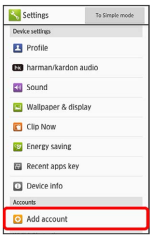
1

In app sheet, (Settings)



2

Add account



3

Tap account type ➔ Follow onscreen prompts

An account is added.

Select Applications to Sync by Account

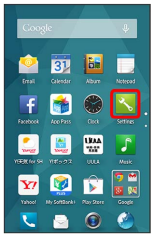
In app sheet, (Settings) ➔ Tap account type ➔ Tap account ➔ Tap item(s) to sync (☑)

Wi-Fi Settings

Wi-Fi Settings

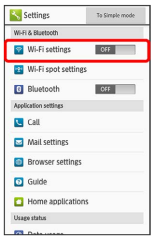
1

In app sheet, (Settings)



2

Wi-Fi settings



Wi-Fi settings opens.

3

OFF on Action Bar

Wi-Fi is enabled (ON).

- Access point search starts; available access points appear upon completion.
- Tap ON to disable Wi-Fi (OFF).

4

Tap access point → Enter password → Connect

Handset connects to the access point.

- Password (indicated by WEP, WPA, KEY, etc.) may be found on a label on your Wi-Fi router. For details, contact the vendor of the router. For public wireless LAN services, check the password with your ISP.
- Omit password entry for unprotected access points.
- See "Wi-Fi" for more about Wi-Fi settings and operations.

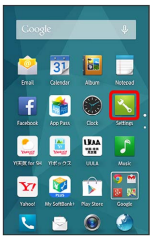
Wi-Fi Spot Settings

Wi-Fi Spot Settings

Allow use of SoftBank Wi-Fi spots.

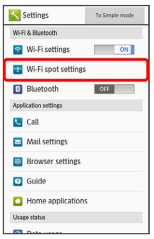
1

In app sheet, (Settings)



2

Wi-Fi spot settings



Wi-Fi Spot Settings opens.

- If confirmation appears, follow onscreen prompts.

3

Tap PIN entry field → Enter PIN → OK

4

OK

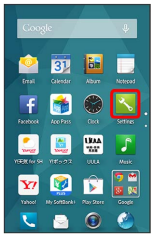
Setting is complete.

Bluetooth® Settings

Bluetooth® Settings

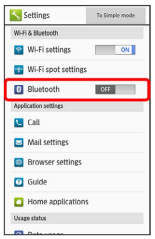
1

In app sheet, (Settings)



2

Bluetooth



Bluetooth® menu opens.

3

OFF on Action Bar

Bluetooth® is enabled (ON).

- Handset scans for nearby devices. Available Bluetooth® devices appear in Available devices.
- Tap ON to disable Bluetooth® (OFF).

4

Tap target device Follow onscreen prompts for authentication

Pairing completes; handset connects to some devices (e.g., handsfree devices) automatically.

- Authentication procedure varies by device. Passkey entry may be required.
- Passkey is a 1 to 16-digit alphanumeric code required for authentication between handset and other devices.
- Paired devices appear in Paired devices field.
- For details on Bluetooth®, see "Bluetooth®."

Call Settings

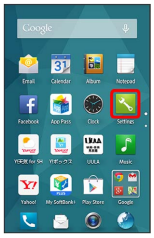
Call Settings

Check call information and make settings. Settable items are the following.

Item	Description
Call timers	Check approximate call times.
Any-key answer	Set action when Volume Up Key is pressed during a call.
Quick silent	Set whether turning over handset stops ringtone and handset vibration as a call is arriving.
Adding new contacts to the address book	Set whether a window appears after a call to add an unregistered number to Address Book.
Auto answer	Set auto answering and ring time when an earphone is connected.
Calling display settings	Set screen background, etc. shown during a call.
Quick responses	Edit an SMS message to send to a caller when unable to answer.
Answer phone	Play back Answer Phone and Voice Memos and set answering message that plays to callers.
Voicemail/ divert	Enable and set operation of Voicemail and Call Forwarding. See "Optional Services" for details.
Missed calls	Set notification of missed calls and Voicemail messages. See "Optional Services" for details.
Int'l call settings	Set a country code list for international calls and Abroad Assistant. See "Calling from Outside Japan" for details.
Call barring	Set call restrictions, rejection, etc. See "Optional Services" for details.
Power key ends call	Enable to end a call.
Other service settings	Set notification of caller ID and Call Waiting. See "Optional Services" for details.
SIP Accounts	Set accounts and incoming call permission for Internet calling.
Use Internet calling	Set calling method for Internet calls when connected by Wi-Fi.

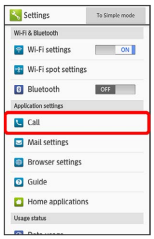
1

In app sheet, (Settings)



2

Call



Call settings open.

3

Set each item

Setting is complete.

Call Setting Operations

View Approximate Call Times

In Call settings, Call timers → Dialed calls / Received calls

・To close window, Tap OK. Tapping Reset here erases approximate call times.

Set Action when Volume Up Key is Pressed as a Call is Arriving

In Call settings, Any-key answer → Answer / Quick silent

Set Whether Turning Over Handset Stops Ringtone/Vibration for Arriving Call

In Call settings, Quick silent

・Tap Quick silent to toggle on (☑)/off (☐).

Set Whether Window Appears after Call for Adding Unregistered Number

In Call settings, Adding new contacts to the address book

・Tap Adding new contacts to the address book to toggle on (☑)/off (☐).

Set Whether Handset Answers Call when Earphone Connected

In Call settings, Auto answer → Auto answer

・Tap Auto answer to toggle on (☑)/off (☐).

Set Ring Time until Handset Answers with Auto Answer

In Call settings, Auto answer → Call Time → Select number of seconds → Set

・Available when Auto answer is enabled.

Set Screen Background, Etc. Shown during Calls

In Call settings, Calling display settings → Follow onscreen prompts

Edit SMS Message to Send to Caller when Unable to Answer

In Call settings, Quick responses → Tap message to edit → Enter message → OK

Play Back Answer Phone/Voice Memos, Set Answering Message

In Call settings, Answer phone → Follow onscreen prompts

Enable ⏻ to End Call

In Call settings, Power key ends call

・Tap Power key ends call to toggle on (☑)/off (☐).

Set Accounts and Incoming Call Permission for Internet Calling

In Call settings, SIP Accounts → Follow onscreen prompts

Set Call Method for Internet Calls when Connected by Wi-Fi

In Call settings, Use Internet calling → Tap method

Mail Settings

Mail Settings

Make the same settings as when opening the Mail application and Tapping . For details on making Mail settings, see "S! Mail/SMS Settings."

Browser Settings

Browser Settings

Make the same settings as when opening the Browser application and Tapping and Tapping Settings . For details on Browser settings, see "Setting Browser."

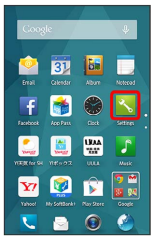
Guide Settings

Guide Settings

Set whether Guide indicator always appears on Status Bar.

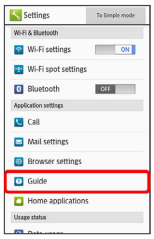
1

In app sheet, (Settings)



2

Guide



Guide Indicator Setting opens.

3

Drag switch to OFF or ON → Done

Setting is complete.

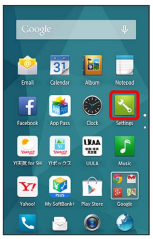
Home Applications Setting

Home Applications Setting

Set Home application.

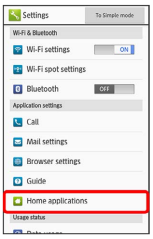
1

In app sheet, (Settings)



2

Home applications



Home applications window opens.

3

Tap Home application

Setting is complete.

Delete Home Applications

In Home applications window, → Follow onscreen prompts

・Preinstalled Home applications cannot be deleted.

Data Usage Settings

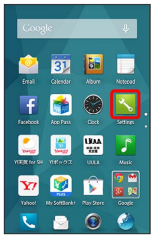
Check your amount of mobile data usage (per month) and restrict usage.
Data usage is only as tracked by handset, and may differ from actual data usage statement.

Data Usage Settings

Check data usage.

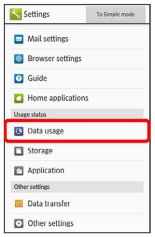
1

In app sheet, (Settings)



2

Data usage



Data usage window opens.

3

Set each item

Setting is complete.

Data Usage Operations

Enable/Disable Mobile Data Communication

In Data usage window, OFF / ON for Mobile data

・Tap OFF to toggle on (ON), ON to toggle off (OFF).
・If confirmation appears, follow onscreen prompts.

Set Time Period for Data Usage to Reset

In Data usage window, Tap date in Data usage cycle → Change cycle··· → Select reset date → Set

Check Data Usage per Function

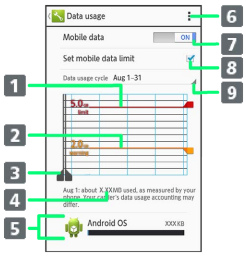
In Data usage window, Tap function name (Android OS , etc.)

Enable/Disable Application Auto-Syncing

In Data usage window, ☰ → Auto-sync data → OK

・Tap Auto-sync data to toggle on (☑)/off (☐).
・Disable Auto-sync data to reduce Battery consumption.

Data Usage Window Layout



1 Data communication limit line
2 Data communication alert line
3 Data usage view period[1]
4 Data usage
5 Services used during period
6 Open menu
7 Mobile data field: Enable/disable mobile data communication
8 Limit mobile data communication
9 Data usage cycle field: Show cycle for checking data usage/set cycle reset date[2]

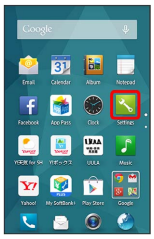
1 Drag bars left and right to adjust view period.
2 Data usage cycle is reset on the same day of every month (at time of purchase, day before first handset activation) (Reset date settable).

Limiting/Alerting Data Usage

Set an upper limit and alert position on data usage beforehand to receive alerts and notifications of limited usage when the upper limit is approached.

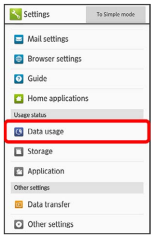
1

In app sheet, (Settings)



2

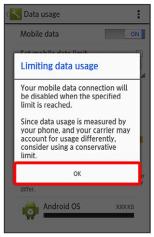
Data usage



Data usage window opens.

3

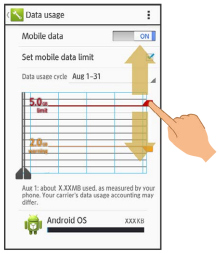
Set mobile data limit OK



Amount is shown on data communication limit line (red).

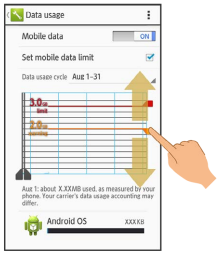
4

Drag data communication limit line (red) up/down to set upper limit



5

Drag data communication alert line (orange) up/down to set alert amount



Upper limit and alert position on data usage are set.

・When data usage reaches the alert position, appears at top of Display, and when it reaches the upper limit, notification indicating that mobile data communication is disabled appears. Follow onscreen prompts.

Storage Settings

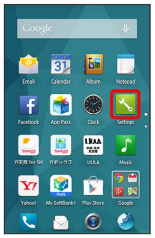
Storage Settings

Check handset and SD Card memory space, mount or unmount SD Card, and erase SD Card data. Settable items are the following.

Item	Description
Total space	Check total handset memory/SD Card space.
Available	Check free handset memory/SD Card space.
Mount microSD	Mount SD Card. See "Unmounting SD Card" for details.
Unmount microSD	Unmount SD Card to remove it safely. See "Unmounting SD Card" for details.
Erase microSD	Format SD Card. See "Formatting SD Card" for details.
Encrypt microSD	Encrypt SD Card.
Preferred install location	Set where applications are installed.

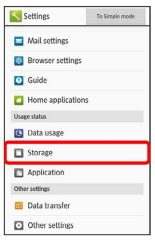
1

In app sheet, (Settings)



2

Storage



Storage menu opens.

3

Set each item

Setting is complete.

Storage Operations

Encrypt SD Card

In Storage window, Encrypt microSD → OK → Erase SD card → Enter Operation Password → OK → Erase everything

・Set lock number/password to unlock screen beforehand.

Set Where Applications Are Installed

In Storage window, Preferred install location → Tap location

Set USB Connection Mode

In Storage window, ☰ → USB connection → Tap connection mode

Cautions for SD Card Encryption

Files on SD Card can be encrypted with Encrypt microSD.

・Encrypted SD Card cannot be recognized by any device other than handset used for encrypting the SD Card.

・Encrypting SD Card prevents files on that SD Card from being accessed by other people (e.g., when your handset is lost).

・Even when encrypted SD Card is removed from handset then inserted into another handset or connected to a PC via an SD Card reader/writer, files on the encrypted SD Card cannot be accessed from the device.

・Performing Encrypt microSD deletes all SD Card files.

・To disable encryption of SD Card and use it normally, perform Reset all .
When performing Reset all , select Delete data in microSD as well. for initialization. Note that files on the SD Card will be deleted.

・Once used for encrypting SD Card, handset cannot be connected to a PC in MTP mode or PTP mode.

・SD Card becomes read-only when inserted into handset that has been used for encrypting another SD Card.

・To write to read-only SD Card, perform steps in "Formatting SD Card." Note that files on the SD Card will be deleted.

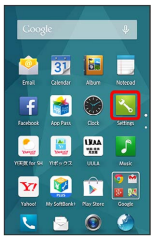
Application Settings

Application Settings

Check installed applications and running applications.

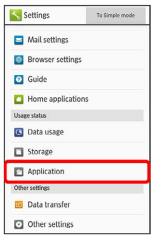
1

In app sheet, (Settings)



2

Application



Application menu opens.

・Tap DOWNLOADED , ON SD CARD , RUNNING or ALL to show applications by category.
・Flick application list left/right to toggle categories.

3

Tap application

Application information appears.

4

Set each item

Setting is complete.

Data Transfer

Import files from other mobiles using SD Card or Bluetooth®, or back up handset files to SD Card.

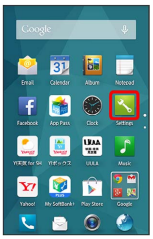
Backup Caution

Backup requires at least 11 MB of free space in handset memory. Process stops if Battery runs low. Check battery charge beforehand.

Restoring Backup Files from SD Card

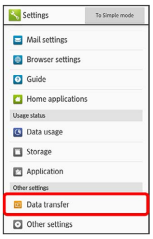
1

In app sheet, (Settings)



2

Data transfer



Data transfer window opens.

・Tap Function information for a tutorial (Japanese) on functions.

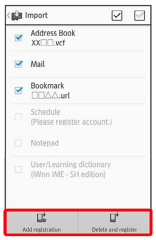
3

Data import Import

・If SD Card is not inserted or there is no backup file on inserted SD Card, Select device to import from window appears. Follow onscreen prompts. For details on importing Address Book data by Bluetooth®, see "Importing Contacts with Bluetooth®."

4

Tap item ➔ Tap backup file ➔ Add registration or Delete and register



・To select (☑) or cancel (☐) all available items together at once, in item list, Tap ☑ or ☐ on Action Bar.
・To import email messages, Tap Mail ➔ Add registration / Delete and register . Mail activates. See "Restoring S! Mail/SMS Data" for details.
・When importing User/Learning dictionary (iWnn IME - SH edition), existing User/Learning dictionary (iWnn IME - SH edition) data on handset memory will be deleted even if Add registration is Tapped.

5

Yes

Restore starts.

・If confirmation appears, follow onscreen prompts.

6

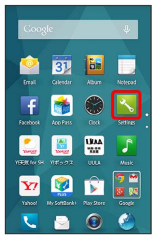
Complete

Restore is complete.

Backing Up Files to SD Card

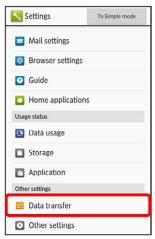
1

In app sheet, (Settings)



2

Data transfer



Data transfer window opens.

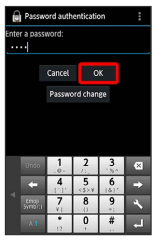
・Tap Function information for a tutorial (Japanese) on functions.

3

Save data to microSD

4

Enter Operation Password ➔ OK



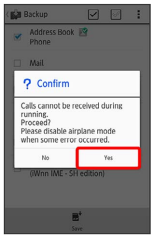
5

Follow onscreen prompts

- To select (☑) or cancel (☐) all available items together at once, in item list, Tap ☑ or ☐ on Action Bar.
- If confirmation appears, follow onscreen prompts.
- To save email messages, Tap Mail ➔ Save . Anshin Backup activates. See "メールを保存する (http://help.mb.softbank.jp/aquos-crystal/pc/08-07.html#action_08-07-16)" for details (Japanese).

6

Save ➔ Yes



Backup starts.

7

Complete

Backup is complete.

Other Settings

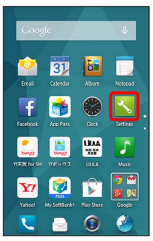
Other Settings

Make settings for other functions. Settable items are the following.

Item	Description
Location	Enable location information.
Network settings	Set Airplane mode, mobile network, etc.
Lock & Security	Set Screen lock, Operation Password, etc.
Secrecy settings	Specify settings for hiding contacts. See "Hiding Contacts" for details.
Contacts data access monitor	Control access of applications to Address Book.
Language & input	Set functions for language and text entry.
Date & time	Set functions for date and time.
Accessibility	Set functions for text-to-speech, etc.
Print	Set up cloud printing.
Initial setting	Perform initial setup manually.
Backup & reset	Back up application data and handset settings including Wi-Fi password to Google server, or delete all handset memory files.

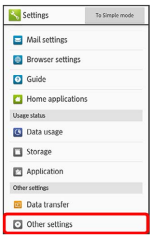
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Set each item

Setting is complete.

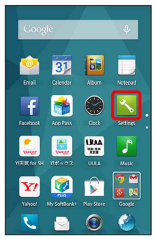
Location Information Settings

Enable location information. Settable items are the following.

Item	Description
Mode	Set whether wireless networks and GPS are used for obtaining current location. Obtained location information is used by applications.
Recent location requests	View applications that have recently used location information.
Location services	Make settings for applications that use location information.

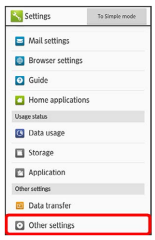
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

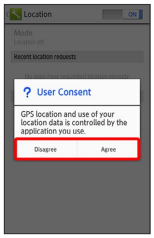
3

Location

Location window opens.

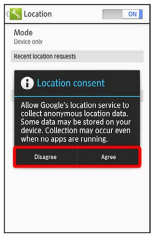
4

OFF on Action Bar ➔ Disagree / Agree



5

Disagree / Agree



Setting is complete.

・To disable use of location information, Tap ON (OFF).

Changing Accuracy of Location Information

In Location window, Mode ➔ Tap location mode

・If confirmation appears, follow onscreen prompts.

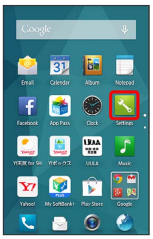
Network Settings

Set Airplane mode and make network settings. Settable items are the following.

Item	Description
Airplane mode	Leaving power on, suspend signal-transmitting functions.
Default SMS app	Set application for sending/receiving SMS.
Wireless output (Miracast)	Set wireless output. See "Using Wireless Output" for details.
VPN settings	Set virtual private networks (VPNs).
Mobile networks	Set Network options. For details on Network operators , see "Global Roaming."

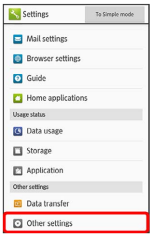
1

In app sheet, (Settings)



2

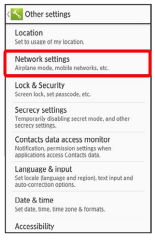
Other settings



Other settings opens.

3

Network settings



Network settings opens.

4

Set each item

Setting is complete.

Network Settings Operations

Enable/Disable Signal-Transmitting Functions

In Network settings, Airplane mode

・Tap Airplane mode to toggle on (☑)/off (☐).

Set Application for Sending/Receiving SMS

In Network settings, Default SMS app → Tap application

Add Virtual Private Networks (VPNs)

In Network settings, VPN settings → ＋ on Action Bar → Set → Save

・Set up pattern, Lock No. passcode or password for Screen lock beforehand.
・Tap an added VPN to connect/disconnect it. Touch & Hold to edit/delete it.

Enable/Disable Mobile Data Transmissions

In Network settings, Mobile networks → Data transmission

・Tap Data transmission to toggle on (☑)/off (☐).

Enable/Disable Data Roaming

In Network settings, Mobile networks → Data roaming

・Tap Data roaming to toggle on (☑)/off (☐).
・If confirmation appears, follow onscreen prompts.

Select Whether to Use 4G LTE & 4G Networks

In Network settings, Mobile networks → Use 4G

・Tap Use 4G to toggle on (☑)/off (☐).

Add Access Points

In Network settings, Mobile networks → Access Point Names → ⊕ → Tap item → Set → ☰ → Save

Delete Added Access Points

In Network settings, Mobile networks → Access Point Names → ☰ → Reset to default

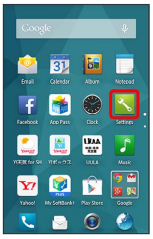
Lock & Security Settings

Make security settings including screen lock and security codes. Settable items are the following.

Item	Description
Operation password setting	Set Operation Password to use or change some functions. See "Setting Operation Password" for details.
Screen lock	Set Screen lock option.
Enable widgets	Enable/disable widgets in Welcome sheet (lock screen).
Owner info	Show owner information in Welcome sheet (lock screen).
USIM card lock settings	Set whether to require PIN entry when powering on. See "USIM PIN" for details.
Encrypt phone	Encrypt handset.
Visible passwords	Show/hide passwords as you type.
Device administrator	Enable/disable device management options.
Unknown sources	Enable/disable installation of non-Google Play applications.
Verify apps	Set whether to show a warning or prevent installation when installing a malicious application.
Storage type	Check storage type.
Use secure credentials	Control access of applications to secure certificates and other authentication information.
Install certificates	Install encrypted authentication information.
Clear credentials	Delete all authentication information and reset password for authentication information storage.

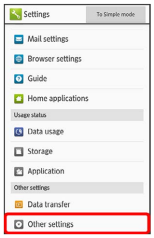
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Lock & Security

Lock & Security menu opens.

4

Set each item

Setting is complete.

Lock & Security Operations

Disable Screen Lock

In Lock & Security menu, Screen lock → None

・When an option other than None or Slide is selected, after Tapping Screen lock, cancel Screen lock to proceed.

Require Dragging for Canceling Screen Lock

In Lock & Security menu, Screen lock → Slide

・When an option other than None or Slide is selected, after Tapping Screen lock, cancel Screen lock to proceed.

Require Face Recognition for Canceling Screen Lock

In Lock & Security menu, Screen lock → Face Unlock → Read message → Set it up → Continue → Align face with guide → Face captured. appears → Continue → Tap secondary unlock option (in case of face recognition failure) → Set pattern or passcode → OK

・When an option other than None or Slide is selected, after Tapping Screen lock, cancel Screen lock to proceed.

Require Pattern Drawing for Canceling Screen Lock

In Lock & Security menu, Screen lock → Pattern → Draw pattern → Continue → Draw pattern again → Confirm

・When an option other than None or Slide is selected, after Tapping Screen lock, cancel Screen lock to proceed.
・If a Google Account has been set up, Pattern reminder appears after failing to cancel Screen Lock five consecutive times. Tap Pattern reminder and sign in to the Google Account to cancel Screen Lock.

Require Passcode Entry for Canceling Screen Lock

In Lock & Security menu, Screen lock → Lock No. → Enter passcode → Continue → Re-enter passcode → OK

・When an option other than None or Slide is selected, after Tapping Screen lock, cancel Screen lock to proceed.

Require Password Entry for Canceling Screen Lock

In Lock & Security menu, Screen lock → Password → Enter password → Continue → Re-enter password → OK

・When an option other than None or Slide is selected, after Tapping Screen lock, cancel Screen lock to proceed.

Enable/Disable Widgets in Welcome Sheet (Lock Screen)

In Lock & Security menu, Enable widgets

・Tap Enable widgets to toggle on (☑)/off (☐).

Set Whether to Show Owner Information in Welcome Sheet (Lock Screen)

In Lock & Security menu, Owner info → Show owner info on lock screen

- Tap Show owner info on lock screen to toggle on (☑)/off (☐).
- After enabling Show owner info on lock screen, enter owner information.
- To show owner information, Tap ⓘ in Welcome sheet (lock screen). (Tap ⊗ to hide it.)

Encrypt Handset

In Lock & Security menu, Encrypt phone → Encrypt phone → Enter lock number/password → Next → Encrypt phone

- Set lock number/password to unlock screen beforehand.

Set Whether to Show Passwords when Entering

In Lock & Security menu, Visible passwords

- Tap Visible passwords to toggle on (☑)/off (☐).

Enable Device Administration Functions

In Lock & Security menu, Device administrator → Tap administrator function → Follow onscreen prompts

Enable/Disable Installation of Non-Google Play Applications

In Lock & Security menu, Unknown sources

- Tap Unknown sources to toggle on (☑)/off (☐).
- If confirmation appears, follow onscreen prompts.

Set Whether Alert Appears and Installation is Prohibited for Harmful Applications

In Lock & Security menu, Verify apps

- Tap Verify apps to toggle on (☑)/off (☐).

Enable/Disable Access by Applications to Secure Certificates and Other Credentials

In Lock & Security menu, Use secure credentials → SYSTEM / USER → Tap certificate → Flick screen to show bottom of certificate → Disable / Enable → OK

Install Encrypted Credentials

In Lock & Security menu, Install certificates → Follow onscreen prompts

- Set pattern/lock number/password for unlocking screen beforehand.
- Authentication information may be required when setting a Wi-Fi network. How to obtain authentication information depends on issuer.

Delete All Credentials and Reset Credentials Storage Password

In Lock & Security menu, Clear credentials → OK

- By erasing credentials storage, all VPN settings are also erased.

Lock & Security Cautions

Screen Lock Caution

Do not forget pattern, Lock No. passcode or password set for canceling Screen lock (write it down if necessary). If you forget it, visit the nearest SoftBank Shop for recovery procedure. Note that your files and settings will be lost during the recovery process.

Cautions for Handset Encryption

Handset files can be encrypted with Encrypt phone.

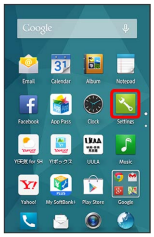
- After performing Encrypt phone, storage decryption password entry window appears each time handset is powered on. Enter Lock No. passcode or password set in Screen lock.
- To disable encryption of handset, perform Reset all.
- Charge handset adequately beforehand, and charge handset during the encryption process.
- If Encrypt phone is interrupted, all handset files will be deleted.
- Emergency calls cannot be placed in storage decryption password entry window.
- If incorrect Lock No. passcode or password is entered 10 times and 20 times consecutively in storage decryption password entry window, input will be disabled for 30 seconds. Note that handset will be initialized after 30 consecutive failures.

Contacts Data Access Monitor Setting

Control access of applications to Address Book.

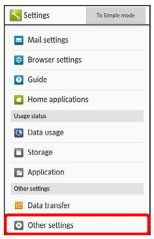
1

In app sheet, (Settings)



2

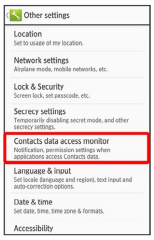
Other settings



Other settings opens.

3

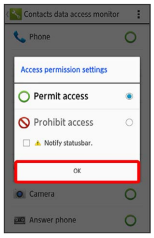
Contacts data access monitor



Contacts data access monitor window opens.

4

Tap application Permit access or Prohibit access OK



Setting is complete.

・Select Notify statusbar. to show a notification when an application accesses Address Book.

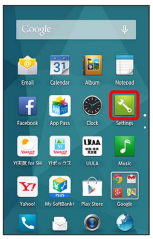
Language & Input Settings

Make settings for display language and text entry. Settable items are the following.

Item	Description
Current selected keyboard	Set default input method.
Google Keyboard	Set functioning of Google Keyboard.
iWnn IME - SH edition	Set functioning of iWnn IME - SH edition.
Google voice typing	Enable/disable voice input.
Select language	Select handset interface language.
Voice input settings	Set voice input options.
Text-to-speech output	Set text-to-speech options.
Spell checker	Enable/disable spelling correction.
Personal dictionary	Save words to user dictionary.
Pointer speed	Set pointer speed for mouse/trackpad use.
Character code setting	Set character code for sending data.

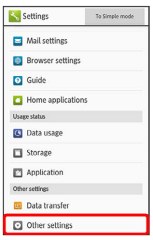
1

In app sheet, (Settings)



2

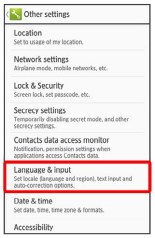
Other settings



Other settings opens.

3

Language & input



Language & input menu opens.

4

Set each item

Setting is complete.

Language & Input Operations

Set Default Input Method

In Language & input menu, Current selected keyboard → Tap input method

・To set functioning of input methods, Tap Set up input methods .

Set Functioning of Google Keyboard

In Language & input menu, 🔧 for Google Keyboard → Tap item → Follow onscreen prompts

・For some items, setting completes when Tapping the item.

Set iWnn IME - SH edition

In Language & input menu, 🔧 for iWnn IME - SH edition

・For details on iWnn IME - SH edition settings, see "Making Text Entry Settings."

Enable/Disable Voice Input

In Language & input menu, Google voice typing

・Tap Google voice typing to toggle on (☑)/off (☐).
・Tap 🔧 to set operation of voice input.

Select Handset Interface Language

In Language & input menu, Select language → Tap option

Set Language for Voice Input

In Language & input menu, Voice input settings → Language → Tap language

Set Speech Output for Voice Input

In Language & input menu, Voice input settings → Speech output → Tap item

・If Hands-free only is selected, speech output is available when a headset is connected.

Enable/Disable Blocking of Offensive Words

In Language & input menu, Voice input settings → Block offensive words

・Tap Block offensive words to toggle on (☑)/off (☐).

Download Data for Offline Speech Recognition

Download offline speech recognition data beforehand to use voice input even when the Internet cannot be accessed.

In Language & input menu, Voice input settings → Offline speech recognition → ALL → Tap language → Download

Enable/Disable Audio Recording with a Bluetooth® Headset

In Language & input menu, Voice input settings → Bluetooth headset

・Tap Bluetooth headset to toggle on (☑)/off (☐).

Set Voice Synthesis Engine for Text-to-Speech Engine

In Language & input menu, Text-to-speech output → Tap engine

・Tap 🔧 to set operation of the speech synthesis engine.

Set Speed of Text-to-Speech

In Language & input menu, Text-to-speech output → Speech rate → Tap speech rate

Play Sample

In Language & input menu, Text-to-speech output → Listen to an example

Enable/Disable Spelling Check during Text Entry

In Language & input menu, Spell checker

・Tap Spell checker to toggle on (☑)/off (☐).
・Tap 🔧 to set operation of Spell checker.

Save Words to User Dictionary

In Language & input menu, Personal dictionary ➔ ＋ ➔ Tap Type a word field ➔ Enter word ➔ Next ➔ Enter keyword ➔ Done ➔ ↩

・To delete a word, Tap it ➔ 🗑 on Action Bar.

Set Speed of Pointer for Mouse/Trackpad

In Language & input menu, Pointer speed ➔ Drag slider to adjust speed ➔ OK

・Pointer is slower the longer the bar is.

Set Character Code for Sending Data

In Language & input menu, Character code setting ➔ Unicode / Shift JIS

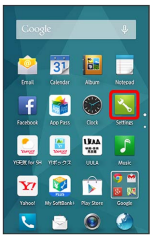
Date & Time Settings

Make settings for date and time. Settable items are the following.

Item	Description
Automatic date & time	Set date and time automatically.
Auto timezone	Enable/disable automatic time zone adjustment.
Set date	Set date manually.
Set time	Set time manually.
Select time zone	Set time zone manually.
Use 24-hour format	Enable/disable 24-hour format.
Choose date format	Set date format.

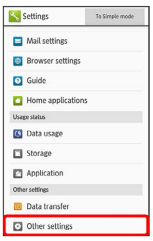
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Date & time

Date & time menu opens.

4

Set each item

Setting is complete.

Date & Time Operations

Set Date & Time Automatically

In Date & time menu, Automatic date & time

・Tap Automatic date & time to toggle on (☑)/off (☐).

Enable/Disable Automatic Time Zone Adjustment

In Date & time menu, Auto timezone

・Tap Auto timezone to toggle on (☑)/off (☐).

Set Date Manually

In Date & time menu, Set date → Select date → OK

・Available when Automatic date & time is disabled.

Set Time Manually

In Date & time menu, Set time → Select time → OK

・Available when Automatic date & time is disabled.

Set Time Zone Manually

In Date & time menu, Select time zone → Tap country, area or city name

・Available when Auto timezone is disabled.

Enable/Disable 24-hour Format

In Date & time menu, Use 24-hour format

・Tap Use 24-hour format to toggle on (☑)/off (☐).

Set Date Format

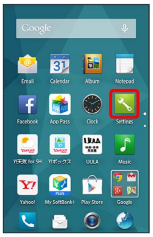
In Date & time menu, Choose date format → Tap option

Accessibility Settings

Make settings for user accessibility.

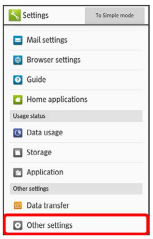
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Accessibility

Accessibility window opens.

4

Set each item

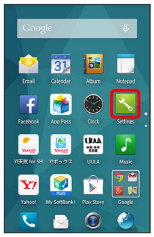
Setting is complete.

Print Settings

Make settings for cloud printing.

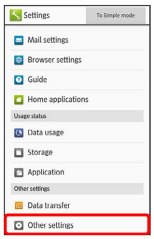
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Print

Print window opens.

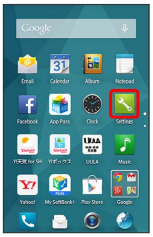
・Follow onscreen prompts.

Initial Setting

Make initial settings at first handset activation later manually.

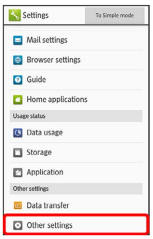
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Initial setting

Initial settings open.

・Alternatively, use Initial Setting application to make settings.

4

Next Set each item

Setting is complete.

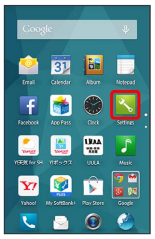
Backup & Reset

Back up application data and handset settings including Wi-Fi password to Google server, or delete all handset memory files.

- Reset all deletes all handset memory files including some preinstalled applications irreversibly. Back up important data before performing Reset all.
- Deleted content cannot be restored. Reset with caution.

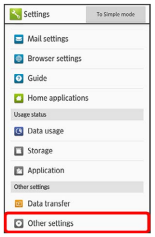
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Backup & reset

Backup & reset menu opens.

4

Set each item

Setting is complete.

Backup & Reset Operations

Back Up Data

In Backup & reset menu, Back up my data

- Tap Back up my data to toggle on (☑)/off (☐).
- If confirmation appears, follow onscreen prompts.

Set Account for Backup

In Backup & reset menu, Backup account → Select account

- Available when Back up my data is enabled.

Enable/Disable Automatic Restore

In Backup & reset menu, Automatic restore

- Tap Automatic restore to toggle on (☑)/off (☐).
- Available when Back up my data is enabled.

Perform Reset All

In Backup & reset menu, Reset all → Enter Operation Password → OK → Read message → Reset phone → Erase everything

- To delete all SD Card files simultaneously, Tap Delete data in microSD as well. (☑).

For Assistance

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File Storage

File Save Location

・Use handset memory and SD Cards to save files. See "SD Card" for more about SD Cards including insertion/removal procedure.
・Save locations of created files are fixed. See below for main file types and their save location.

File Type	Description
Contacts, Bookmark, Calendar, Mail, Notepad	Created files are saved to handset memory.
Still images (photos), videos	Created files are saved to SD Cards.

Backup & Restore

Backup/Restore Options

Backup and restore options are the following.

Option	Description
Anshin Backup	Back up files to cloud server or SD Cards, and restore to handset as needed. See "あんしんバックアップアプリを利用する (http://help.mb.softbank.jp/aquos-crystal/pc/08-07.html)" (Japanese) for details.
Corresponding applications	Depending on application, backup/restore settings can be changed.
Settings	Back up or restore files to/from SD Cards via Settings. See "Data Transfer" for details.
Transfer to other devices (e.g., PCs)	Connect handset to a PC or other device and transfer files to it. See "Connecting to PC via USB" for details.

Troubleshooting

Check Here First

If symptoms continue even after checking, contact a nearby SoftBank Shop or Customer Service.

Troubleshooting

Q. Handset does not power on

A. Are you Pressing ⏻ ? Press ⏻ until the logo appears.

A. Is handset recharged? Recharge handset if not charged.

Q. Handset suddenly powers off/does not power on

A. If handset continues to be used while warm, a caution appears and handset powers off after 3 minutes. Exit all applications and turn off Display to let handset cool down.

Q. Handset freezes/operation is unstable

A. If handset stops operating or no longer accepts input, force-shut down handset.

⏻ (Long Press for at least 8 seconds)

・Release ⏻ once handset vibrates; handset powers off.

Q. Operation is unstable after a new application was installed

A. The newly installed application may be the cause. Uninstall the application in Safe mode. See "Uninstalling Applications." To power on handset in Safe mode:

⏻ (Long Press) ➔ Touch & Hold Power off ➔ Check Display, OK

・After powering on in Safe mode, "Safe Mode" appears at lower left.
・After restarting in Safe mode, handset can be powered on as usual.
・Before powering on handset in Safe mode, it is recommended that you back up important data.
・By powering on handset in Safe mode, added widgets may be deleted.

Q. Handset initiates operation without operating Touchscreen / Handset does not respond after operating Touchscreen

A. Press ⏻ to turn off screen, Press ⏻ again to turn on screen and then operate handset.

Q. Cannot use Phone, email, or Internet

A. Check whether you are where signal is weak or are out of service area.

A. Power on handset again.

A. Is Airplane mode set? If ✈ appears in Status Bar, to cancel Airplane mode :

⏻ (Long Press) ➔ Airplane mode

A. Is data communication disabled? To check whether Data transmission is enabled:

In app sheet, 🔧 (Settings) ➔ Other settings ➔ Network settings ➔ Mobile networks ➔ Data transmission

A. Is a disabled access point set? To return to initial settings:

In app sheet, 🔧 (Settings) ➔ Other settings ➔ Network settings ➔ Mobile networks ➔ Access Point Names ➔ ☰ ➔ Reset to default

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Q. Battery level goes down quickly

A. Are you where signal is weak or have been out of service area for a long period? Calling where signal is weak or being out of service area uses a lot of battery.

A. The following shorten handset usage time: frequent use of Mobile Light, sound-emitting functions/ operations, frequent communication, etc. with an external device, brightening Display, setting a long Display-on time. Use Energy saving settings to reduce unneeded battery consumption. See "Using Energy Saving Settings" for details.

Q. Cannot install applications

A. Is there only a little free space on handset or SD Card? To check free space:

In app sheet, 🔧 (Settings) ➔ Storage

A. Applications not supported by handset cannot be installed.

Q. Display suddenly dims

A. Display dims automatically when handset becomes warm. Display returns to original brightness once handset cools down.

Q. Cannot unlock screen

A. If handset stops operating or no longer accepts input, force-shut down handset.

⏻ (Long Press for at least 8 seconds)

・Release ⏻ once handset vibrates; handset powers off.

Q. Cannot charge / Charging takes time

A. Is Micro USB plug on AC Charger firmly inserted in handset? Remove and then reinsert firmly.

A. Is AC Charger firmly plugged into a household AC outlet? Unplug and plug in again firmly.

A. Are you using a non-specified AC Charger? Always use a specified product. Using an unspecified product not only prevents charging, but may also affect Internal Battery.

A. Is Notification Lamp blinking? Handset is not being charged. Use a specified charger and charge handset. If charging is still not possible, contact Customer Service or a SoftBank Shop.

A. Is Micro USB plug on AC Charger soiled? Clean terminals with a clean, dry cotton swab, etc. before charging.

A. Are you recharging by USB? Recharging by USB takes longer than with AC Charger. You may also not be able to recharge depending on the connection environment.

Q. Recharging stops / Recharging does not start

A. Recharging stops automatically if handset becomes warm. Recharging starts again once handset cools down.

Q. USIM Card is not recognized

A. Is USIM Card installed properly? Is it installed in the right location and orientation? Turn off handset, check whether USIM Card is installed properly, and then turn handset on again. If this does not remedy the problem, USIM Card may be damaged.

A. Are there any fingerprints, etc. or other soiling on the (gold) IC chip on USIM Card? Remove USIM Card, wipe with a clean, dry cloth, and install it again properly.

A. Is wrong USIM Card installed? An unusable USIM Card may be installed. Make sure that the right USIM Card is installed.

Q. Cannot recharge by USB

A. Is the computer turned on? You cannot recharge if the computer is not turned on.

A. Are you using a USB hub? You may not be able to recharge if using a USB hub. Connect the optional Micro USB Cable to the computer.

Q. Cannot make a call / Calls do not connect

A. Is Airplane mode set? If appears in Status Bar, to cancel Airplane mode :

(Long Press) Airplane mode

A. Did you dial all digits for the number? Dial all digits for numbers starting with a "0" area code, etc.

A. Are you where handset receives a signal? Check signal, change locations and call again.

Q. Cannot hear the other party

A. Is the call volume low? Press Volume Up Key during a call to turn the call volume up.

A. Is handset set to always use a handsfree device for calls? To check whether Handsfree setting is disabled:

In app sheet, (Settings) Bluetooth Handsfree setting

・Can be checked when Bluetooth is enabled.

Specifications

Handset

Handset specifications are as follows.

- Times below were measured with Automatic brightness disabled, Brightness set to medium.
- Times below vary with location, status, settings, etc.
- Display employs precision technology; however, some pixels may remain on/off.

Item	Description
Weight	140 g (with Internal Battery)
Internal Battery Capacity	2,040 mAh
Continuous Talk Time[1]	3G: 800 minutes GSM: 510 minutes
Continuous Standby Time[2]	3G: 620 hours GSM: 570 hours 4G (AXGP Network): 480 hours 4G (FDD-LTE Network): 530 hours
Charging Time[3]	AC Charger (SHCEJ1): 150 minutes AC Charger (ZTDAC1; Micro USB, 1.0 A): 150 minutes
Dimensions (W x H x D)	67 mm x 131 mm x 10 mm (without protruding parts)
Maximum Output	3G: 0.25 W GSM (900 MHz): 2 W GSM (1800 MHz, 1900 MHz): 1 W 4G: 0.2 W
Maximum Transmission Speed[4]	SoftBank 4G: 110 Mbps in downlink, 10 Mbps in uplink SoftBank 4G LTE: 75 Mbps[5] in downlink, 25 Mbps in uplink

1 Average measured with handset fully charged, in strong signal conditions at rest.

2 Average measured with handset fully charged, without calls or operations, in strong signal conditions at rest, and with Data transmission and Urgent News disabled. May vary with battery strength, ambient temperature, settings, etc.

3 Measured with power off using AC Charger.

4 Provided on a best-effort basis; transmission speed may decrease or transmission may become unavailable due to traffic conditions, network environment, etc. In addition, transmission speed varies by area.

5 Depending on area, maximum downlink speed is set to 37.5 Mbps.
In some areas, maximum downlink speed of 112.5 Mbps is supported.
For Network coverage information, see SoftBank Mobile Website (such information may be available in Japanese only).

Materials

Parts	Material/Finishing
Cabinet (Display-side)	PA resin + GF resin/evaporated, UV coating
Cabinet (Back)	PC resin/coated
Battery Cover	PC resin + ABS resin/coated, UV coating
Power Key	PC resin/evaporated, UV coating
Volume Up/ Down Key	PC resin/evaporated, UV coating
Display	Acrylic resin/UV hard coating, infrared transparent printing
Camera Window	Acrylic resin/anti-soiling treatment, rear-printed
Mobile Light Window	PC resin
USIM Card Slot	Stainless steel/tin plating
SD Card Slot	Stainless steel/tin plating
Protective Sheet	PC resin/printed
Speaker Screen	PE/dyed
Speaker Sheet	PET/rear-printed
External Device Port	Stainless steel/tin plating
Screws	Iron/chrome plating

Warranty & After-Sales Service

Warranty

Handset purchase includes warranty.

・Check shop name and purchase date.
・Read warranty and keep in a safe place.
・Warranty period is given in warranty.

Cautions

Damages

SoftBank Mobile Corp. is not responsible for any damages for user or third party resulting from lost opportunities to make a call, etc. due to breakage, malfunction, or trouble of product.

Malfunction/Repairs

Information/settings on handset may be lost/changed due to malfunction or repairs. It is recommended that you keep a copy of Address Book contacts and other important information. SoftBank Mobile Corp. is not responsible for loss/change of data (contacts, images, sound, etc.) or settings due to malfunction, repairs, change of model, or any other handling.

Disassembly/Modification

Disassembly/modification of handset is prohibited under the Radio Law. Note that handset cannot be accepted for repairs if modified.
Adhering stickers, etc. on Display or Keys or adhering decorations with glue, etc. may be deemed to be modifications, and prevent acceptance of handset for repairs.

After-Sales Service

To request repairs, contact Customer Service or a nearby SoftBank Shop. Have details of symptoms ready.

・During the warranty period, repairs are made under the terms and conditions of the warranty.
・After the warranty period, if handset can be repaired, repairs will be made at cost.

Further inquiries

For more information on after-sales service, contact a nearby SoftBank Shop or Customer Service.

Customer Service

For SoftBank handset or service information, call General Information. For repairs, call Customer Assistance.

SoftBank Customer Support

General Information

From a SoftBank handset, dial toll free at 157
From a landline/IP phone, dial toll free at 0800-919-0157

Customer Assistance (Repairs/Lost Handsets)

From a SoftBank handset, dial toll free at 113
From a landline/IP phone, dial toll free at 0800-919-0113
If you cannot reach a toll free number, use the number (charges apply) below for your service area:
Hokkaido Area, Tohoku Area, Hokuriku Area, Kanto & Koshinetsu Area: 022-380-4380
Tokai Area: 052-388-2002
Kansai Area: 06-7669-0180
Chugoku Area, Shikoku Area, Kyushu & Okinawa Area: 092-687-0010

Smartphone Technical Support Center

From a SoftBank handset, dial toll free at 151
From a landline/IP phone, dial toll free at 0800-1700-151

SoftBank Mobile Global Call Center

From outside Japan, dial +81-92-687-0025 (toll free from SoftBank handsets)
If handset is lost/stolen, call this number immediately (international charges apply)

Safety Precautions

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Safety Precautions

Read Safety Precautions before using handset.
Observe precautions to avoid injury to self or others, or damage to property.
SoftBank Mobile Corp. is not liable for any damages resulting from use of this product.

Safety Precautions

These labels show degree of risk from improper use; learn them before reading on:

Label	Description
⚠ DANGER	Great risk of death or serious injury
⚠ WARNING	Risk of death or serious injury
⚠ CAUTION	Risk of minor injury or damage to property

These symbols signify prohibited/compulsory actions; learn them before reading on:

Symbol	Description
	Risk of injury from heat
	Prohibited actions
	Disassembly prohibited
	Exposure to liquids prohibited
	Use with wet hands prohibited
	Compulsory actions
	Unplug from outlet

Handset, USIM Card, SD Card, Charger (Optional Accessory), Micro USB Cable (Optional Accessory)

⚠ DANGER

Use specified Charger and Micro USB Cable only.

Non-specified equipment use may cause Internal Battery to leak, overheat, burst or ignite, and may cause Charger to overheat, ignite, malfunction, etc.

Do not disassemble, modify or solder handset or related hardware.

May cause fire, injury, electric shock or malfunction. Internal Battery may leak, overheat, burst, ignite, etc. Modifying handsets is prohibited by the Radio Law and subject to penalty.

Do not wet.

If liquid (water, pet urine, etc.) enters, leaving wet or charging while wet may cause overheating, electric shock, fire, injury, malfunction, etc.
Use only as directed.

Do not charge, use, or leave handset or related hardware in extreme heat (fire, heat sources, direct sunlight, inside vehicles, etc.).
Do not charge, leave, use, or be carrying handset or related hardware in a warm place or where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc.

May cause warping/malfunction; Internal Battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burns or other problems.

Do not force Charger into handset. Check Micro USB plug orientation; retry.

Internal Battery may leak, overheat, burst, ignite, etc. May damage or burn out External Device Port.

When handset is connected to Charger, do not apply excessive force by stomping or in any other way.

When Port or connector is damaged, charging may cause malfunction or fire. Charge as directed.

⚠ WARNING

Do not place handset or Charger in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.

Internal Battery may leak, overheat, burst or ignite. Handset/Charger may overheat, emit smoke, ignite, malfunction, etc.

Keep handset off and Charger disconnected near gas stations or places with fire/explosion risk.

May ignite gas. Use in presence of inflammable gases (propane gas, gasoline, etc.) or dust-filled surroundings may cause explosion, fire, etc.

Do not drop/throw or subject to strong impact.

Internal Battery may leak, overheat, burst or ignite, resulting in fire, electric shock, malfunction, etc.

If you notice unusual sound/odor, smoke or any other abnormality, follow these steps.

1. Grasp plug and disconnect Charger. Handset or related hardware may be hot to the touch; remove handset from Charger, being careful not to burn yourself.
2. Power off, being careful not to burn or injure yourself.
Use in an abnormal condition may cause fire, electric shock, etc.

Keep External Device Port away from liquids (tap water, beverage, sea water, pet urine, etc.) and conductive materials (pencil lead, metal strip/jewelry, etc.).

May cause fire, burns, malfunction, etc. due to short-circuiting.

⚠ CAUTION

Do not place handset or related hardware on unstable surfaces; take added care when Vibration is set or while charging.

Handset or related hardware may fall, resulting in injury, malfunction, etc. A fall while charging may cause damage to connector.

When removing Charger from handset, hold by Micro USB plug and do not pull cord/cable.

Pulling plug by cord/cable may damage cord/cable or connector and cause fire, electric shock, etc.

Keep handset and related hardware away from infants and pets.

Infants and pets may choke from swallowing handset or related hardware or be injured, etc.

For use of handset/related hardware by child, explain instructions and supervise use.

Misuse may cause injury or other problems.

Internal Battery

⚠DANGER

Read label on Protective Sheet to confirm battery type; use/dispose of Internal Battery accordingly.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion

Do not dispose of handset in fire.

Internal Battery may leak, burst, ignite, etc.

Do not damage (nail, hammer, stomp, etc.) handset or subject it to strong impact.

Internal Battery may leak, overheat, burst, ignite, etc.

If battery fluid gets in eyes, do not rub; rinse with clean water and consult a doctor immediately.

Eyes may be severely damaged.

⚠WARNING

If battery fluid contacts skin or clothes, discontinue handset use and rinse with clean water immediately.

May cause skin damage.

If charging continues even after specified Charging Time, stop charging.

Internal Battery may leak, overheat, burst, ignite, etc.

For abnormal odor, excessive heat, discoloration or distortion, move handset away from sources of flame, being careful not to burn or injure yourself.

Continued use may cause Internal Battery to leak, overheat, burst, ignite, etc.

Do not let your pet bite handset; if this occurs, do not use that handset.

Pet bites may cause Internal Battery to leak, overheat, burst or ignite. May cause handset/related hardware to malfunction, or fire may result.

⚠CAUTION

Do not dispose of handset with ordinary refuse.

Battery is built into handset; take handset to a SoftBank Shop for appropriate disposal.

Handset

⚠ WARNING

Handset Display uses acrylic resin.

Do not subject to shock (dropping, etc.) or excessive force.

May cause Display to break and scatter pieces.
If Display breaks, be careful not to directly touch shards or broken parts of Display.
May cause injury.

Do not use handset while driving or cycling.

Accidents may result.
Phone use while driving or cycling is prohibited by law and subject to penalty; park legally beforehand.

Power off near electronic devices that employ high precision control systems or weak signals.

May cause electronic malfunctions or other problems. Take added care near these devices: Hearing aids, implanted pacemakers/defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.

Power off before boarding aircraft to avoid possible radio wave interference with aircraft operations.

If mobile phone use is allowed on board, follow airline instructions regarding handset use.

Users with a heart condition should adjust ringtone Vibration and Volume as needed.

May cause heart damage.

If thunder is audible while outdoors, power off; find cover.

There is a risk of lightning strike or electric shock.

Do not shine Mobile Light in eyes.

May temporarily affect eyesight or startle, leading to accidents.

Do not cover/wrap handset with a cloth or blanket while charging. In addition, do not leave handset covered with a cloth or blanket when going to bed.

Heat may collect, resulting in fire, burns, malfunction, etc.

⚠ CAUTION

Protective Sheet may be hot to the touch while power is on or immediately after powering off. When removing Battery Cover, power off and wait until handset cools down.

May cause burn injuries.

Do not peel, damage or subject Protective Sheet to impact.

There are Battery and precision parts under Protective Sheet.
Do not peel, damage or subject it to impact; may cause malfunction, overheating, ignition, electric shock, impairment, burn injuries, etc.

Do not use handset when it may affect a vehicle's electronic equipment.

Handset use inside vehicles may cause electronic equipment to malfunction, resulting in accidents.

For any skin irritation associated with use, discontinue use and consult a doctor.

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition.

Keep handset away from magnetic items (e.g., magnetic cards).

Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.

Handset may become hot during prolonged use in extreme heat (fire, heat sources, direct sunlight, inside vehicles, etc.), or in a warm place or where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc.

Prolonged contact with skin may cause burns.

When using handset for an extended period (e.g., to play game applications) while charging, handset and Charger may become hot; avoid prolonged contact with hot parts.

May cause burns or other problems.

Always maintain some distance from Speaker while ringtones, music or other handset sounds play.

Excessive volume may damage ears or hearing.

Moderate handset Volume when using Headphones.

Excessive volume may damage ears or hearing.

Charger (Optional Accessory)

⚠ WARNING

Do not cover/wrap Charger with a cloth or blanket while charging. In addition, do not leave Charger covered with a cloth or blanket when going to bed.

Heat may collect, resulting in fire, burns, malfunction, etc.

Use only the specified voltage.

Non-specified voltages may cause fire, malfunction, etc.
・AC Charger: AC 100 V - 240 V Input
・In-Car Charger (use in negative earth vehicles only): DC 12 V/24 V Input
Do not use power adapters designed for overseas travel. Transformer use may cause fire, electric shock or malfunction.

Unplug Charger when not in use; grasp plug and disconnect it.

If a foreign object/liquid adheres to blades, or if blades get stomped while Charger is plugged in, electric shock, fire or malfunction may result.

If liquid (water, pet urine, etc.) gets inside, grasp plug and disconnect Charger immediately.

May cause electric shock, smoke or fire.

To remove debris, grasp plug and disconnect Charger, then clean with a dry cloth.

Fire may result.

Plug Charger firmly into the outlet, keeping the plug and connector away from conductive material (pencil lead, metal strip/jewelry, etc.).

May cause fire, burns, malfunction, etc. due to electric shock or short-circuiting.

Do not touch Charger plug or connector with wet hands.

May cause electric shock, malfunction, etc.

Do not touch Charger if thunder is audible.

May cause electric shock or other problems.

Do not use Charger in high humidity or near water (in bathrooms, shower rooms, etc.).

May cause fire, electric shock or malfunction.

Do not use In-Car Charger in positive earth vehicles.

May cause fire or other problems. Use in negative earth vehicles only.

Use only the specified fuse for In-Car Charger.

Non-specified fuse may cause fire or malfunction. See In-Car Charger manual for details.

⚠ CAUTION

Before cleaning, grasp plug and disconnect Charger.

May cause electric shock or other problems.

Always grasp plug (not cord/cable) to disconnect Charger.

Pulling plug by cord/cable may damage cord/cable and cause electric shock, fire, etc.

When Charger is connected to a power strip, do not apply excessive force by stomping or in any other way.

May cause fire or malfunction.

Do not subject Charger to strong impact while it is plugged in.

May cause malfunction or injury.

Keep hands and other body parts away from blades.

May cause burns, electric shock, injury or malfunction.

Handset Use & Electronic Medical Equipment

This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference, April 1997) and "Guidelines to safeguard implanted medical devices against radio emissions from the use of radio equipment" (Ministry of Internal Affairs and Communications, January 2013).

⚠ WARNING

Persons with implanted pacemaker/defibrillator should keep handset more than 15 cm away.

Radio waves may interfere with implanted pacemakers or defibrillators.

Before using electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.

Radio waves may interfere with electronic medical equipment.

If it may not be possible to keep handset 15 cm away from other persons (e.g., in a crowded situation where you cannot move freely), suspend signal-transmitting functions (e.g., by activating Airplane mode) or power off beforehand. If an application that automatically powers handset on is installed, disable that feature before powering off. Persons with implanted pacemaker/defibrillator may be near.

Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.

Observe these rules inside medical facilities to avoid effects of radio waves on electronic medical equipment:

・Do not enter an operating room or an Intensive or Coronary Care Unit while carrying a handset.
・Keep handset off in hospitals.
・Even in lobbies or other places where mobile phone use is permitted, keep handset off near electronic medical equipment.
・Obey medical facility rules on mobile phone use.

Important Product Information

General Use

・If your USIM Card or handset (with USIM Card inserted) is lost or stolen, suspend your service immediately. For details, contact SoftBank Customer Support, General Information.
・Handset transmissions may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls.
・Use handset without disturbing others.
・Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
・Charging by USB takes longer than by household AC outlet. Charging may not be possible/take a long time depending on connection and computer conditions.
・Handset use near landlines, TVs or radios may cause interference.
・Beware of eavesdropping.
Because this service is completely digital, the possibility of signal interception is greatly reduced. However, some transmissions may be overheard.
・Eavesdropping
Deliberate/accidental interception of communications constitutes eavesdropping.
・Beware of harmful/malicious websites. Take added care when posting personal information.
・Display uses liquid crystal.
When wearing polarized sunglasses and depending on the angle, the screen may appear dark or distorted.
・An export license may be required to carry handset into other countries if it is to be used by or transferred to another person. However, no such license is required when taking handset abroad for personal use on a vacation or business trip and then bringing it back.
Export control regulations in the United States provide that an export license granted by the US government is required to carry handset into Cuba, Iran, North Korea, Sudan or Syria.

Heat from Handset Use

・Handset internal temperature may increase depending on usage or environment, causing housing to heat up. (Handset may stop charging or Display brightness may be adjusted for safety.)
After a period of handset use under such conditions, warning appears and handset shuts down after approximately 3 minutes. To lower handset internal temperature and prevent automatic shutdown, exit all applications and activate Screen lock.
・After a period of Camera use at high internal temperature, warning appears and handset automatically shuts down. (Shot image is saved.)

Camera

・Mind etiquette when using Camera.
・Test Camera before shooting special moments.
・Do not use Camera in places where shooting is prohibited.
・Shot images may not be used/transferred without copyright holder (photographer) permission, except for personal use.

In-Call/Transmission Cautions

・During calls/transmissions, calling/transmission charges/fees apply even if other functions or operations are simultaneously in use.
・Transmissions involving JavaScript may incur high charges.

Urgent News (Application)

・Handset receives alerts by default (Urgent News Incoming Setting is enabled).
・Alert tones sound even in Manner mode.
・Alerts are not received during calls/transmissions or in poor signal conditions.
・Depending on usage/situation, handset may receive alerts for other areas or no alerts.
・Standby Time may decrease when Urgent News Incoming Setting is enabled.
・SoftBank Mobile Corp. cannot be held liable for any damages associated with this service, including accidents resulting from received information, reception timing or reception failure.

Handset & Hardware Care

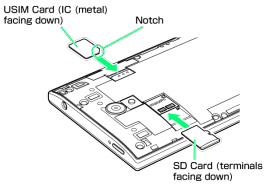
Handset & Hardware Care

・Handset is not waterproof. Do not expose to water or leave in high humidity.
 ・When walking in the rain, do not place in an outside bag pocket or carry in your hand.
 ・Do not place near an air conditioner vent. A sudden temperature change may cause condensation and cause corrosion of the handset interior.
 ・Do not place in your clothes when at a sink, etc. Leaning over or other posture while placed in pocket, etc. may cause handset to fall into sink and e exposed to water.
 ・When at a shore, etc., be sure to keep in a bag, etc. to avoid exposure to splashing and direct sunlight.
 ・Do not touch with sweaty hands or place in a pocket of sweaty clothes. Hand and body sweat can enter phone and cause malfunction.
・Use handset within 5°C - 35°C and 35% - 90% humidity.
・Avoid extreme temperature or direct sunlight.
・Handset/Internal Battery may become warm during operation or while charging. This is normal.
・Warranty does not cover malfunctions resulting from misuse.
・Clean handset with a soft dry cloth. Alcohol/solvent use may fade color/print.
・Avoid scratching Display.
・Avoid heavy objects or excessive pressure. May cause malfunction or injury.
 ・Do not sit on handset in back pants pocket.
 ・Do not place heavy objects on handset inside handbags, packs, etc.
・Connect only specified products to Port. Other devices may malfunction or cause damage.
・Do not power off while using SD Card; may result in data loss or malfunction.
・When walking outside, moderate handset Volume to avoid accidents.
・When holding handset, do not block Mic, Speaker, or Recorder Mic.
・Do not cover Light Sensor or place a sticker/label over it; may hinder ambient light detection, resulting in malfunction of Light Sensor.
・Handset does not charge while Mobile Light is shining.
Turning on Mobile Light while charging causes charging to stop.
Turning on Mobile Light when using Camera while charging also causes charging to stop.
If battery level is low, handset may close Camera.

USIM/SD Card Slot

Insert each card into correct opening in correct orientation.

・Always power off and then remove Battery Cover to install or remove USIM/SD Cards. If handset is hot, wait until it cools down after powering off. Protective Sheet may be hot to the touch.
・Removing USIM Card: Gently push it in and release. After it pops out, carefully remove without bending.
・Removing SD Card: Gently pull it straight out.



Touchscreen

・Touchscreen may not respond in these situations:
 ・Use with gloves/long fingernails
 ・Use of pens, pencils or sharp objects
 ・Use with objects on/against Display
 ・Use while wet
・To prevent malfunctions, do not:
 ・Touch Display with wet fingers
 ・Use if Display is wet
 ・Subject Display to force/pressure
 ・Put a sticker or shield (commercially-available protective film, privacy protector shield, etc.) on Touchscreen
・If Display is wet, wipe it with a soft cloth.
・To improve response, calibrate Touchscreen as follows.
In app sheet, (Settings) Device info Adjust touch panel Follow onscreen prompts
・In the following cases, Press to activate Screen lock, then Press again to cancel it.
 ・Handset operates automatically without touch input
 ・Handset does not respond to touch input

Self Check

If handset is unstable, diagnose the cause as follows.
In app sheet, (Settings) Device info Self check Follow onscreen prompts

Headphones

Headphones with Mic (SHLDL1) are available for separate purchase. Other headphone mics may not function properly on handset.

Forcing Power Off

If handset has stopped processing or won't respond to operation, power off forcibly as follows.

・ (Long Press for at least 8 seconds)
Release finger after vibration; handset powers off.

Bluetooth® Function

SoftBank Mobile Corp. is not liable for any damages resulting from data/information leakage due to use of handset Bluetooth® function.

■Precautions

The frequency band utilized by handset Bluetooth® function is shared with industrial, scientific or medical equipment, including household microwave ovens, and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

1. Before using Bluetooth®, visually check that no other radio stations sharing the same frequency band are in use nearby.
2. Should interference occur between handset and other radio stations, move it to a different location or cancel Bluetooth® function immediately.
3. For additional information and support, contact SoftBank Customer Support, General Information: From a SoftBank handset, call toll free at 157. To call toll free from a landline/IP phone, see "Customer Service."

・Frequency Band

This radio station utilizes 2.4 GHz band.
FH1 indicates FHSS modulation with maximum transmission radius of 10 meters.
XX4 indicates a different modulation scheme with maximum transmission radius of 40 meters.
It is not possible for the radio station to avoid using the frequency band of a mobile unit identification apparatus.

Wi-Fi (Wireless LAN)

Wireless LAN (hereafter "Wi-Fi") uses radio waves to enable communication between compatible devices within range. However, it is advisable for the user to configure security settings to avoid risk of data interception.

・Do not use Wi-Fi near electrical appliances, audiovisual equipment or office automation equipment; may affect Wi-Fi transmission speed, availability, clarity, etc. (Especially when a microwave oven is in use.)
・If there are multiple access points nearby, handset may not detect access points correctly.

■Precautions

The frequency band utilized by handset Wi-Fi is shared with industrial, scientific or medical equipment, including household microwave ovens, and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

1. Before using Wi-Fi, visually check that no other radio stations sharing the same frequency band are in use nearby.
2. Should interference occur between handset and other radio stations, move it to a different location or disable Wi-Fi immediately.
3. For additional information and support, contact SoftBank Customer Support, General Information: From a SoftBank handset, call toll free at 157. To call toll free from a landline/IP phone, see "Customer Service."

・Frequency Band

This radio station utilizes 2.4 GHz band with DSSS-OFDM modulation. Maximum transmission radius is 40 meters.

■Simultaneous Use with Bluetooth®

Wi-Fi (IEEE 802.11b/g/n) and Bluetooth® transmit on the 2.4 GHz band. Enabling handset Bluetooth® or using Bluetooth® devices near handset may affect Wi-Fi transmission speed, availability and clarity. Should interference occur, cancel handset Bluetooth® or discontinue Bluetooth® device use.

・Handset supports Wi-Fi channels 1 - 13. Handset does not connect to access points set to other channels.
・Available channels vary by country.
・For use of Wi-Fi aboard aircraft, check with airline beforehand.
・In some countries/regions, there are restrictions on the use of Wi-Fi. Check the local laws and regulations before using Wi-Fi on handset abroad.

General Notes

"305SH" here refers to this mobile phone "AQUOS CRYSTAL."

Portrait Rights

Portrait rights protect individuals' right to refuse to be photographed or to refuse unauthorized publication/use of their photographs. Portrait rights consist of the right to privacy, which is applicable to all persons, and the right to publicity, which protects the interests of celebrities. Therefore, photographing others including celebrities and publicizing/distributing their photographs without permission is illegal; use Camera responsively.

Copyrights

Copyright laws protect sounds, images, computer programs, databases, other materials and copyright holders. Duplicated material is limited to private use only. Use of materials beyond this limit or without copyright holder permission may constitute copyright infringement, and be subject to criminal punishment. Comply with copyright laws when using images shot with Camera.

The software contained in handset is copyrighted material; copyright, moral right and other related rights are protected by copyright laws. Do not copy, modify, alter, disassemble, decompile or reverse-engineer the software; do not separate it from hardware in whole or part.

Open Source Software

・Handset contains software based on GNU General Public License (GPL), GNU Lesser General Public License (LGPL), and other licenses.
To check details of relevant software licenses:
In app sheet, (Settings) Device info Legal information Open source licenses
・The source code of software based on GPL, LGPL, and Mozilla Public License (MPL) is provided on the following website free of charge.
https://sh-dev.sharp.co.jp/android/modules/oss/ (Japanese)

CE Declaration of Conformity

Hereby, Sharp Telecommunications of Europe Ltd, declares that 305SH is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
A copy of the original declaration of conformity for each model can be found at the following Internet address: http://www.sharp.co.jp/k-tai/

CE0168

Battery Cautions

Use specified Charger only.
Non-specified equipment use may cause Internal Battery to leak, overheat, burst or ignite, and may cause Charger to overheat, ignite, malfunction, etc.
Battery is built into handset. Do not dispose of handset with ordinary refuse; take it to a SoftBank Shop for appropriate disposal.
Charge handset in ambient temperature 5°C - 35°C; Internal Battery may leak/overheat and performance may deteriorate outside this range.

Volume Level Caution

To prevent possible hearing damage, do not listen at high volume levels for long periods.

■Headphone Signal Level
The maximum output voltage for Music Player function, measured in accordance with EN 50332-2, is 125 mV.

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

■FCC Information to User
This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
1. Reorient/relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Radio Wave Exposure and Specific Absorption Rate (SAR) Information

【305SH】 here refers to this mobile phone 【AQUOS CRYSTAL】.

Specific Absorption Rate (SAR) for This Product (for Japan)

This mobile phone 【305SH】 meets the Japanese technical regulations* and international guidelines for exposure to radio waves.
The Japanese technical regulations for exposure to radio frequency energy established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.
The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR.
The SAR limit is 2 watts/kilogram (W/kg) averaged over ten grams of tissue.
The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The value of the limit is equal to the value given in international guidelines recommended by ICNIRP**, which is in collaboration with the World Health Organization (WHO).
The highest SAR value for this mobile phone is 0.614 W/kg when tested for use at the ear, and 0.435 W/kg*** when worn on the body in the below manner****.
While there may be differences between the SAR levels of various phones and at various positions, all phones meet the Japanese technical regulations.
Although the SAR is determined at the highest certified power level, the actual SAR of the phone during operation can be well below the maximum value.

Use at positions other than at the ear****
This mobile phone may be used at positions other than at the ear. By using an accessory such as a belt clip holster that maintains a 1.5 cm separation with no metal (parts) between the body and the mobile phone, this mobile phone will comply with international guidelines for radio wave protection.

* The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.
** International Commission on Non-Ionizing Radiation Protection
*** The value is under simultaneous transmission use conditions.

The World Health Organization has announced that "A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

For more information about SAR, see the following websites:
Ministry of Internal Affairs and Communications (MIC)
http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm
Association of Radio Industries and Businesses (ARIB)
http://www.arib-emf.org/index02.html (Japanese)

European RF Exposure Information/FCC RF Exposure Information

This mobile phone 【305SH】 is confirmed to comply with guidelines relating to effects of radio wave exposure as set forth by the Council of Europe (CE) and the Federal Communications Commission (FCC).
Refer to the following.

■European RF Exposure Information
Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear is 0.501 W/kg*.
As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this User Guide. In this case, the highest tested SAR value is 0.438 W/kg*.

* The tests are carried out in accordance with international guidelines for testing.

■FCC RF Exposure Information
Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC for each model.
The highest SAR value for this model handset as reported to the FCC when tested for use at the ear is 0.35 W/kg, and when worn on the body in a holder or carry case, is 0.35 W/kg.
Body-worn Operation; This device was tested for typical body-worn operations with the handset kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between the user's body and the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.
The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/ after searching on FCC ID APYHRO00210.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at http://transition.fcc.gov/oet/rfsafety/.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head and body.

World Health Organization
http://www.who.int/emf
List of Specific Absorption Rates (SAR) for radio waves by smartphone/3G model
http://www.softbank.jp/mobile/support/sar/ (Japanese)

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AQUOS CRYSTAL User Guide

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SoftBank Mobile Corp.

Visit SoftBank Shop for assistance

Model : AQUOS CRYSTAL
Manufacturer : SHARP CORPORATION