304SH User Guide

304SH User Guide Contents

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Introduction

Thank you for purchasing SoftBank 304SH.

Before You Begin

・Read "Quick Tips" (in お願いとご注意) and this guide thoroughly beforehand for proper usage.
・Accessible services may be limited by contract conditions.
・Unauthorized copying of any part of this guide is prohibited.
・Guide content subject to change without prior notice.

Guide Usage Notes

・SoftBank 304SH is referred to as "handset" in this guide.
・Most operation descriptions are based on default settings.
・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.
・In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.
・In this guide, microSD/microSDHC/microSDXC Card is referred to as "SD Card."

Screenshots & Key Labels

Screenshots and key labels are provided for reference only. Actual handset windows, menus, etc. may differ in appearance.

Accessing Functions Guide

In app sheet, (Guide)

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

Guide indicator appears on Status Bar by default. To hide Guide indicator:

In app sheet, (Guide) ➔ ☰ ➔ Indicator ➔ Off ➔ Back

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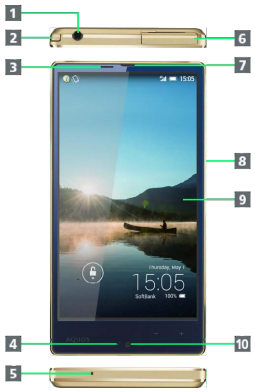
Package Contents

Package Contents

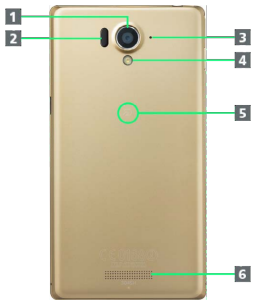
・Handset (SoftBank 304SH)
　・Battery is built into handset.
　・Handset back cover is not removable.
・クイックスタート (Japanese)
・お願いとご注意 (Japanese) with English "Quick Tips"
・Warranty

Parts & Functions

Handset Parts



Name	Description
1 Headphone Port	Connect Headphones with Mic (optional accessories) here.
2 TV Antenna	Pull out for TV (Full Seg/One Seg) reception.
3 Proximity/ Light Sensor	Detects ambient light level and prevents Touchscreen misoperation during call.
4 Notification Lamp	Illuminates while charging or for notifications (missed calls, new messages, etc.).
5 Mic	Talk to other party through this.
6 SD/USIM Card Slot	Insert/remove SD Card and USIM Card.
7 Earpiece	Hear other party's voice through this.
8 External Device Port (Side)	Connect AC Charger or Micro USB Cable here.
9 Display	Touch Display to select menu items, open functions, scroll pages, etc.
10 Internal Camera	Shoot photos or videos.



Name	Description
1 External Camera	Shoot photos or videos.
2 Infrared Port	Transfer files using Infrared.
3 Mic (Recorder Mic)	Captures ambient sounds while recording videos.
4 Mobile Light	Use as a camera flash, flashlight, etc.
5 FeliCa Logo	Place over reader/writer to use NFC/ Osaifu-Keitai®.
6 Speaker	Listen to music, video sounds, TV (Full Seg/One Seg) audio, etc.

Handset Keys

Name	Description
1 Power Key	Activate/cancel Screen lock. Long Press for power on/off or phone options.
2 − (Volume Down Key)	Decrease Volume. In Welcome sheet (lock screen) or Feel UX Home, Touch & Hold to activate/cancel Silent mode.
3 + (Volume Up Key)	Increase Volume. In Welcome sheet (lock screen), Touch & Hold to turn on/off Mobile Light[1].

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

USIM Card Installation

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

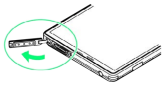
Inserting USIM Card

Always power off beforehand.
If SD Card is inserted, remove it first. (SD Card needs to be removed to insert USIM Card.)

・For SD Card removal procedure, see "Removing SD Card."

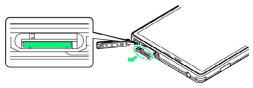
1

Open Card Slot Cover



2

Pull out USIM Tray



・Do not pull USIM Tray forcefully or at an angle; damage may result. Gently pull it straight out from the edge.

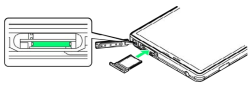
3

Place USIM Card in USIM Tray

・Check orientation of USIM Card (see the notch), then gently place it with metal contacts facing up.

4

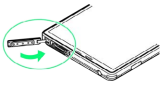
Insert USIM Tray into USIM Card Slot (bottom opening)



・Check orientation of USIM Tray, then insert it all the way.

5

Close Card Slot Cover



・Close Card Slot Cover firmly. Debris trapped between gasket and Card Slot may allow ingress of liquid.

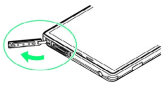
Removing USIM Card

Always power off beforehand.
If SD Card is inserted, remove it first. (SD Card needs to be removed to remove USIM Card.)

・For SD Card removal procedure, see "Removing SD Card."

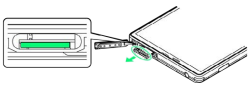
1

Open Card Slot Cover



2

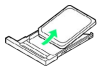
Pull out USIM Tray



・Do not pull USIM Tray forcefully or at an angle; damage may result. Gently pull it straight out from the edge.

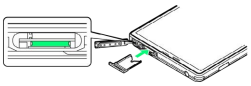
3

Remove USIM Card



4

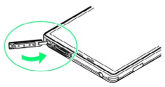
Insert USIM Tray into USIM Card Slot (bottom opening)



・Check orientation of USIM Tray, then insert it all the way.

5

Close Card Slot Cover



・Close Card Slot Cover firmly. Debris trapped between gasket and Card Slot may allow ingress of liquid.

Handset Memory & SD Card

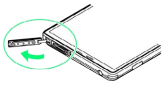
Handset supports SD Card up to 128 GB. However, some SD Cards may not operate properly.
In addition to SD Cards, use handset memory as storage for system files, applications, shot photos/videos, etc.

Inserting SD Card

Always power off beforehand.

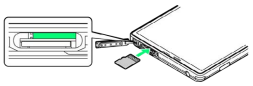
1

Open Card Slot Cover



2

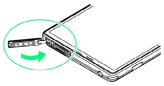
Insert SD Card into SD Card Slot (top opening)



・Insert SD Card all the way with terminals facing up.

3

Close Card Slot Cover



・Close Card Slot Cover firmly. Debris trapped between gasket and Card Slot may allow ingress of liquid.

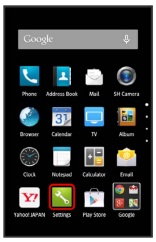
Formatting SD Card

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.

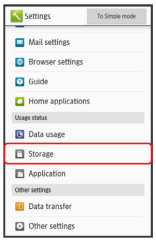
1

In app sheet, (Settings)



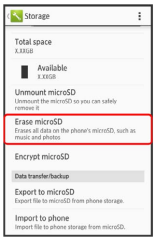
2

Storage



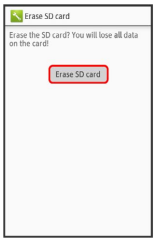
3

Erase microSD



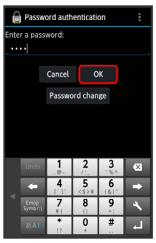
4

Erase SD card



5

Enter Operation Password → OK



・If Operation Password is unset, follow onscreen prompts.

6

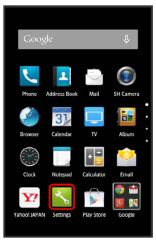
Erase everything

All SD Card files will be deleted.

Unmounting SD Card

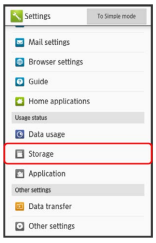
1

In app sheet, (Settings)



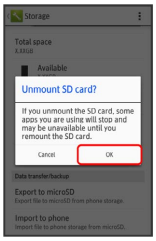
2

Storage



3

Unmount microSD → OK



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

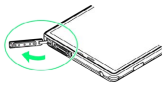
・To have SD Card recognized again, Tap Mount microSD.

Removing SD Card

Always power off beforehand.

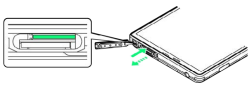
1

Open Card Slot Cover



2

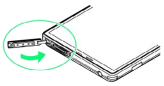
Remove SD Card



・Lightly push in SD Card and release finger; SD Card pops out. Gently pull it straight out.

3

Close Card Slot Cover



・Close Card Slot Cover firmly. Debris trapped between gasket and Card Slot may allow ingress of liquid.

Handset Memory & SD Card Usage Notes

Handset Memory/SD Card Files

Handset memory/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 addition, 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.

Handling SD Cards Used on Other Mobiles

After installing SD Card used on other mobiles (such as previously used handsets) into handset, the notification Application data is present in the microSD. may appear on Status Bar. To use files on such SD Cards on handset, copy files to handset memory as follows.

Drag Status Bar down for Notifications Window ➔ Application data is present in the microSD. ➔ Follow onscreen prompts

・If the same folder/file name exists in handset memory, overwrite confirmation appears. Handset memory files cannot be restored once overwritten.

Handset Memory

Photos and videos shot on handset are saved to handset memory by default. Depending on downloaded application (sold separately), corresponding files are saved to handset memory even if SD Card is specified as their save location in application description.

SD Card Caution

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

Charging Handset

Battery is built into handset.

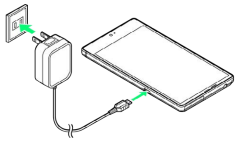
AC Charger (optional accessory), Micro USB Cable (optional accessory), Micro USB Charging Adapter (optional accessory) and In-Car Charger (optional accessory) are not water proof. Never connect Micro USB plug while handset or Charger is wet. Handset is water resistant; however, if Micro USB plug is inserted while it is wet, liquid (tap water, beverage, sea water, pet urine, etc.) or a foreign object adhered to handset or Micro USB plug may cause overheating, burnout, fire, malfunction, burns, etc. due to electric shock, short-circuiting, etc.

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.

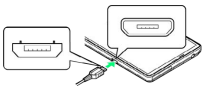
・See User Guide for corresponding AC Charger.

・Never connect Micro USB plug while handset or AC Charger is wet.



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

Notification Lamp goes out when charge is full.

・Check that Notification Lamp illuminates red (Notification Lamp illuminates green when charge is almost full).

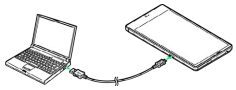
3

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

USB Charging

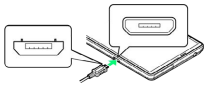
Connect handset to a PC with Micro USB Cable (SHDDL1; optional accessory).

・Turn on PC first.
・Handset may not charge or charge slowly depending on connection/PC status.
・Never connect Micro USB plug while handset or Micro USB Cable is wet.



1

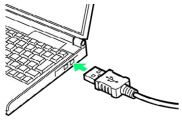
Insert Micro USB plug of Micro USB Cable into External Device Port



・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



Notification Lamp goes out when charge is full.

・Check that Notification Lamp illuminates red (Notification Lamp illuminates green when charge is almost full).

3

After charging, remove Micro USB Cable from handset and PC

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)

Periods of Disuse

Charge handset to approximately 40% at least once every 6 months; if left uncharged, handset may become unusable or files/settings may be affected.

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.

Power On/Off

Power On

1

Long Press Power Key until SHARP appears

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

2

Drag down

Initial setting window appears.

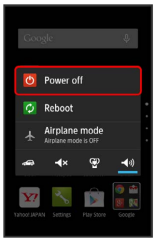
Power Off

1

Long Press Power Key

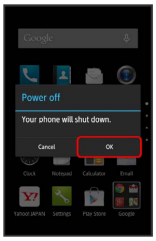
2

Power off



3

OK



Handset shuts down.

When Powering On for the First Time

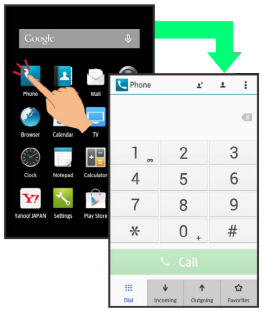
At initial power on, handset reboots upon USIM Card detection and setting window appears. Follow onscreen prompts. After setup is complete, handset reboots again and initial setting window appears.

Touchscreen Operations

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

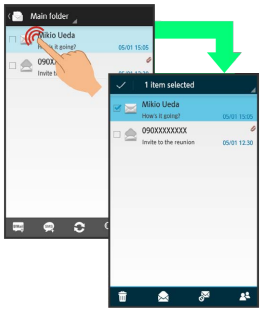
Tap

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



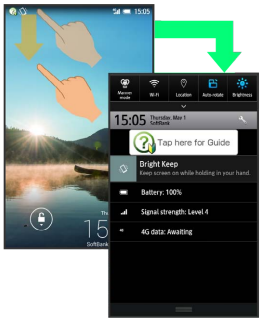
Touch & Hold

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



Drag

Drag item to move it.

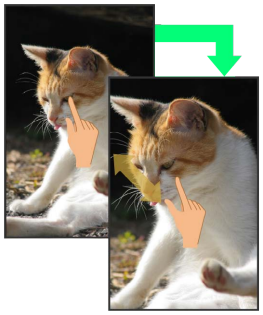


Flick

Flick to toggle sheets, pages, etc.

Pinch/Spread

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



Basic Operations

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Basic Operations

Home (Feel UX Home)

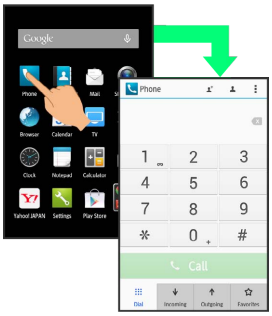
Most operations start from Feel UX Home. Activate applications in app sheet, and access widgets or save shortcuts to frequently used applications in desktop sheet. See "Feel UX Home Basics" for details.

・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.

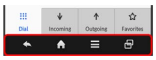
・To return to the previous screen, Tap .



Navigation Bar

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

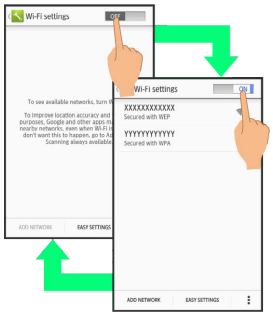
Icon	Description
(Back key)	Return to the previous screen.
(Close key)	Close keyboard.
(Home key)	Return to Feel UX Home.
(Menu key)	Open Options menu.
(Recent apps key)	Activate/exit Quick Launcher. (To open/close recent applications window instead, change Recent apps key setting.) Touch & Hold to open/close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



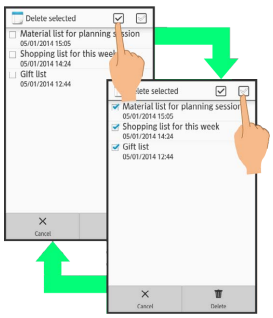
Action Bar

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.

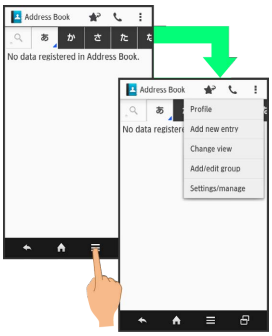


・When (check all) and (uncheck all) are on Action Bar, Tap to select or cancel all items together at once.

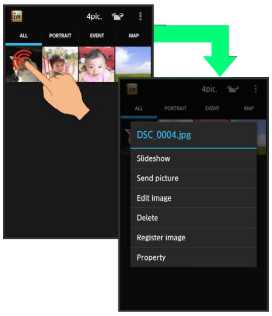


Menu Operations

Tap ☰ at Display bottom to open Options menu.



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

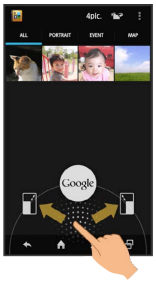


One-Hand Operation

Shrink screen for easier one-hand operation.

1

Touch Navigation Bar then Drag up ➔ Drag to ▛ or ▜ and release finger

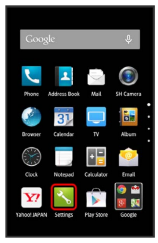


Screen shrinks.

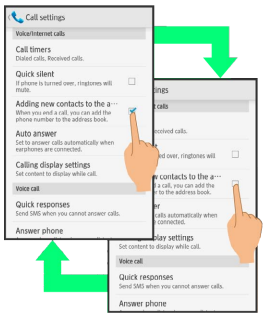
・To restore the original screen size, perform 1 again.

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 Power Key and − at the same time.

・Open captured screenshots from Photo in Contents Manager or other locations.

Activating Applications that Support Assist Function

Touch Navigation Bar then Drag up (icon appears) → Drag to icon and release finger → Tap application → Always or Just once

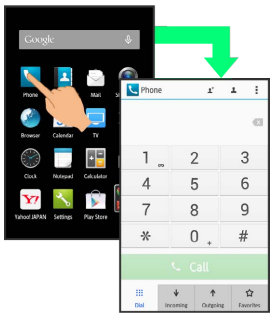
・Depending on icon, releasing finger may activate corresponding application.

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.)

Obtaining Applications

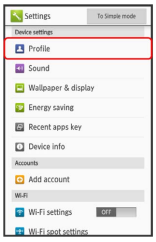
Obtain applications from (Play Store).

Handset Phone Number

My Phone Number

1

In app sheet, (Settings) Profile



Profile opens.

・Handset number appears in Own phone number field.

Mobile Manners

Silent 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 Silent mode.

1

In Welcome sheet (lock screen) or Feel UX Home, Touch & Hold −

Silent mode activates.

・To cancel, Touch & Hold − in Welcome sheet (lock screen) or Feel UX Home.

Airplane Mode

Leaving power on, suspend signal-transmitting functions.

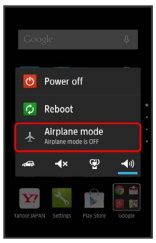
1

Long Press Power Key

Phone options appear.

2

Airplane mode



Airplane mode activates.

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

Selecting Silent Mode Option

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

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.

Text Entry

Keyboards

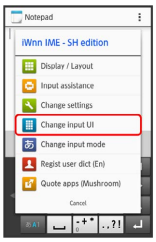
Use onscreen keyboards for text entry. In 12-key Keyboard, multiple characters are assigned to each key. In QWERTY Keyboard, a single letter is assigned to each key.

・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, Change input UI

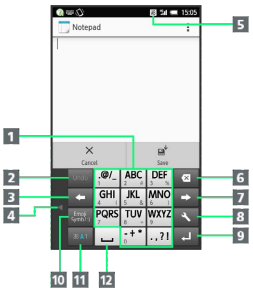


2

Set QWERTY keyboard or Set 12 keyboard

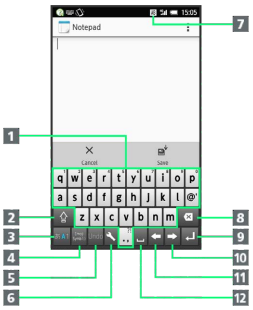
Keyboard is switched.

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.

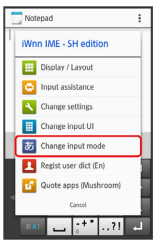
12 Enter space; convert hiragana.

Switching Entry Modes

Tap あ A1 to toggle Half Numeric, Kanji, and Half Alphabet modes. Alternatively, Flick あ A1 to toggle these entry modes.
To use other entry modes:

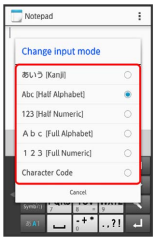
1

In a text entry window, 🔧 ➔ Change input mode



2

Tap mode



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

Entering Letters

In 12-key Keyboard, to enter keitai in Half Alphabet:

1

Check Half Alphabet mode is selected (AB on Status Bar)

2

JKL (twice: k) DEF (twice: e) GHI (three times: i) TUV (once: t) ABC (once: a) GHI (three times: i) OK

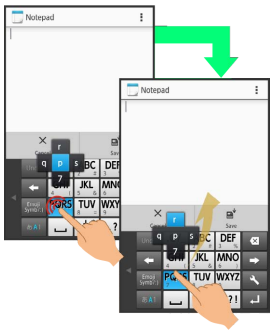
Now, keitai is entered.

・To toggle case, type a letter and Tap A⇔a .
・Set handset to automatically capitalize the first letter as needed.

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 .

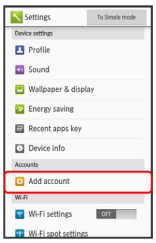
Google Accounts

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

Creating a Google Account

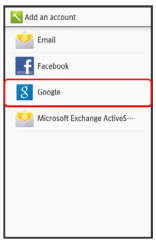
1

In app sheet, (Settings) ➔ Add account



2

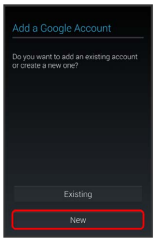
Google



Add a Google Account appears.

3

New

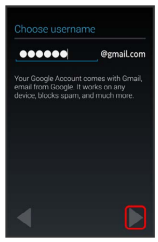


4

Enter first name ➔ Next ➔ Enter last name ➔ ▶

5

Enter e-mail address ➔ ▶



・If confirmation appears, follow onscreen prompts.

6

Enter password ➔ Next ➔ Re-enter password ➔ ▶

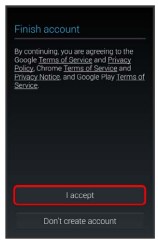
7

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



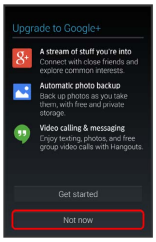
9

Enter shown characters (distorted) ➔ ▶

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

10

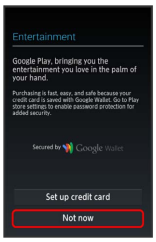
Not now



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

11

Not now



A Google Account is added.

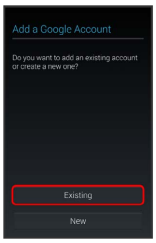
・To add credit card information, Tap Set up credit card, then follow onscreen prompts.
・If confirmation appears, follow onscreen prompts.

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 e-mail address ➔ Next ➔ Enter password ➔ ▶

3

Follow onscreen prompts

You are signed in to your Google Account.

Google Account Cautions

Google Account E-mail Address & Password

Do not forget your Google Account e-mail address and password.

Google Account Operations & User Interface

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

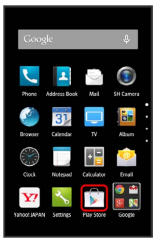
Google Play

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

Installing Free Applications

1

In app sheet, (Play Store)



Google Play opens.

・If confirmation appears, follow onscreen prompts.

2

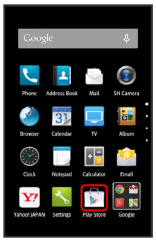
Tap free application → INSTALL → ACCEPT

Application downloads and installs.

Purchasing Applications

1

In app sheet, (Play Store)



Google Play opens.

・If confirmation appears, follow onscreen prompts.

2

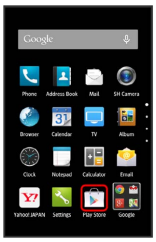
Tap paid application → Tap price → Follow onscreen prompts

Application downloads and installs.

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.

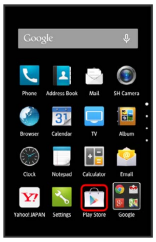
・If confirmation appears, follow onscreen prompts.

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.

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.

Application Operations

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

・For details, Tap ➔ Help in Google Play, then refer to Google Play Help.

Enabling Automatic Updates

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

・Automatic update is not available for some applications.

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.).

Application Purchase Disclaimer

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

Google Play Operations & User Interface

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

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.

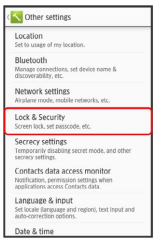
・Do not forget Operation Password and Center Access Code (Call Barring Password). If you forget these codes, contact us for recovery. For details, contact SoftBank Customer Support, General Information.
・Do not reveal Operation Password or Center Access Code (Call Barring Password). SoftBank Mobile Corp. 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.

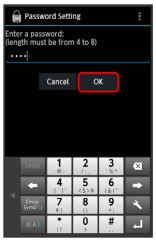
1

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



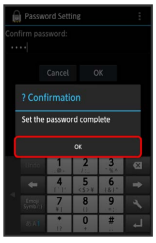
2

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.)

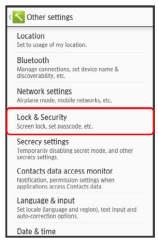
USIM PIN

9999 by default; enable USIM card lock to restrict handset use.

Enabling USIM Card Lock

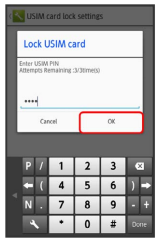
1

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



2

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



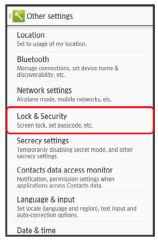
USIM card lock is enabled.

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.

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).

Screen Lock

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

Activating Screen Lock Manually

1

When Display is active, Press Power Key

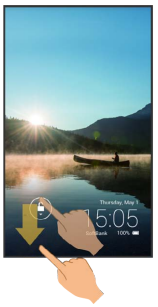
Display goes completely dark and Screen lock activates.

Canceling Screen Lock

Press Power Key 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.

Screen Lock Usage Notes

When Screen Lock Activates while Playing Music

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

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.

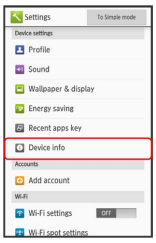
Software Updates

Software Updates

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

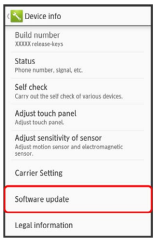
1

In app sheet, (Settings) Device info



2

Software update



Software update menu appears.

3

Software update Execute Follow onscreen prompts

Software Update starts.

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 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.

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.

Handset Interface

Welcome Sheet (Lock Screen) Basics.....32
Feel UX Home Basics.....33
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Customizing Feel UX Home.....38

Welcome Sheet (Lock Screen) Basics

Welcome sheet (lock screen) appears at power on or when Power Key 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.

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.

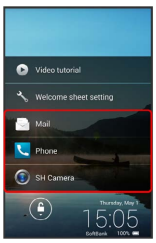
1

In Welcome sheet (lock screen), Tap

Menu appears.

2

Tap application

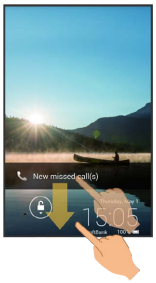


Application activates.

・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.)

Notifications such as New missed call(s) and New mail(s) appear in Welcome sheet (lock screen).
Drag notification down to open it.



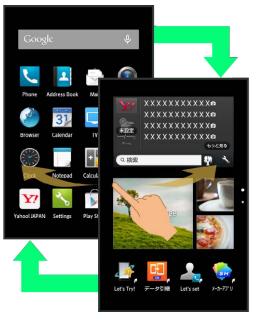
Feel UX Home Basics

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

Toggling Sheets

Activate applications in app sheet, and access widgets or save shortcuts to frequently used applications in desktop 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).

Desktop Sheet Layout

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

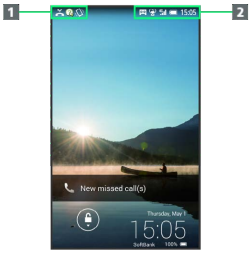
2 Activate applications. (Flick up for hidden pages.)

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

Status Bar

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

Status Bar Layout

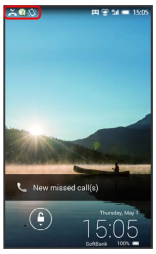


1 Notifications, warnings, etc. appear here. (Notification Indicators)

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

Notification Indicators

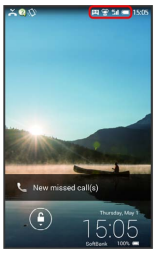
Notification Indicators appear on the left.



Indicator	Description
	Functions Guide Available (Drag Status Bar down and open from Notifications Window)
	Urgent News
	Call Arriving/in Progress
	Call on Hold
	Missed Call
	New Answer Phone Message
	New Voicemail
	New SMS/S! Mail
	New Internet Mail
	New Gmail
	Unchecked Alarm
	Event
	Viewing TV (Full Seg)
	Viewing TV (One Seg)
	Recording TV (Full Seg/One Seg)
	Application Installation Complete/Update Available
	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
	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
	Silent (Standard) Mode
	Silent (Drive) Mode
	Silent Mode
	Getting Location Information
	Answer Phone Set
	Answer Phone Set (Message Recorded)
	Alarm Set
	NFC/Osaifu-Keitai® Locked
	NFC/Osaifu-Keitai® Locked (USIM Card Only)[2]
あ	Kanji Mode
AB	Half Alphabet Mode
12	Half Numeric Mode
A	Full Alphabet Mode
1	Full Numeric Mode
	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.

2 Appears upon inserting USIM Card into handset after using that USIM Card to lock NFC on another mobile.

Notifications Window

Open notifications, check handset status or change various settings.

Opening Notifications Window

1

Drag Status Bar down

Notifications Window appears.

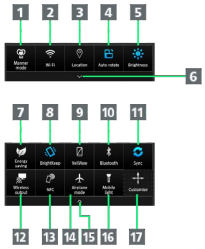
・To close Notifications Window, Tap .

Notifications Window Layout

1	Setting keys
2	Show second and subsequent lines of Setting keys.
3	Delete all notifications and close Notifications Window.
4	Notifications and active functions
5	Use corresponding functions.
6	Handset status[1]
7	Open Settings.
8	Close Notifications Window. (Flick up.)

1 Tap for corresponding settings.

Setting Keys



1	Set Silent mode option.
2	Toggle Wi-Fi on/off.
3	Manage use of location information.
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	Enable/disable VeilView.
10	Toggle Bluetooth® on/off.
11	Enable/disable account sync.
12	Open Wireless output menu.
13	Enable/disable Reader/Writer, P2P.
14	Enable/disable Airplane mode.
15	Hide second and subsequent lines of Setting keys.
16	Turn on/off Mobile Light.
17	Open window for customizing Setting keys.

Notifications Window Operations

Deleting Notifications

In Notifications Window, Flick notification left/right

・Some notifications may not be deleted.

Rearranging, Adding or Deleting Setting Keys

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

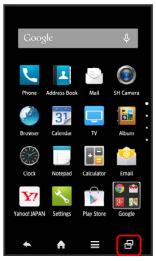
・To delete, Drag icon to unused key area (right above Navigation Bar). To add, Drag icon from unused key area to target location.

Using Quick Launcher

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

Opening Quick Launcher

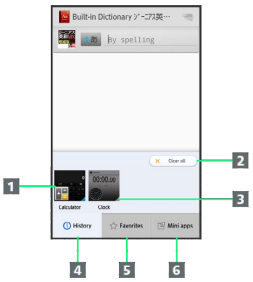
1



Quick Launcher appears.

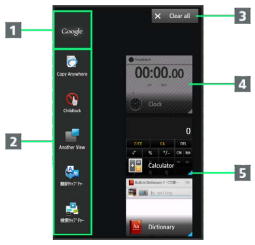
・If Recent applications is set in Recent apps key, recent applications window appears instead. For details on Recent apps key, see "Recent Apps Key Setting."

Quick Launcher 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.)

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 Shortcuts to Quick Launcher's Favorites

In Quick Launcher, Favorites → + → Select item

Changing Shortcuts in Recent Applications Window

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

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

Deleting Shortcuts

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

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

Rearranging Shortcuts in Quick Launcher's Favorites

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

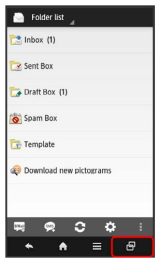
Using Mini-Applications & Mini-Widgets

Activating Mini-Applications/Mini-Widgets

While using applications, watch TV (Full Seg/One Seg), play videos, open a map, etc. in mini-application window or mini-widget window.

・May be unavailable depending on current application window.

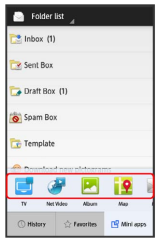
1



Quick Launcher appears.

2

Mini apps → Tap mini-application or mini-widget



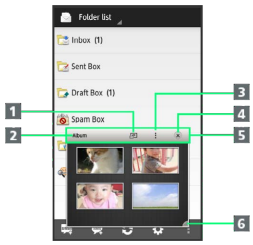
Mini-application window or mini-widget window appears.

・Follow onscreen prompts.

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	Switch to/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.

Mini-Application/Mini-Widget Usage Note

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

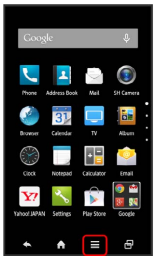
Customizing Feel UX Home

Set theme and Wallpaper, move icons/widgets or add shortcuts/widgets.

Setting Theme & Wallpaper

1

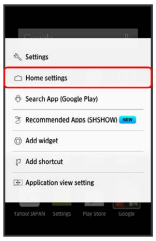
In Feel UX Home,



Menu appears.

2

Home settings



3

Tap theme (Standard , Color pop or Natural)

4

Tap image, color, pattern, etc.

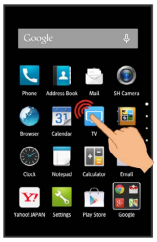
Theme and Wallpaper are set.

- 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 Wallpaper & display .

Moving Icons/Widgets

1

In Feel UX Home, Touch & Hold icon/widget



2

Drag to target location

Release to place icon/widget.

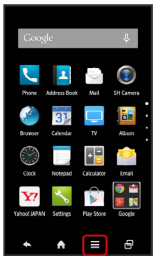
- To a folder: Drag icon to target folder.

Adding Shortcuts

Add an application shortcut as follows.

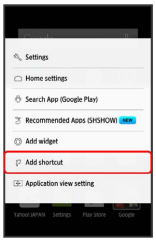
1

In Feel UX Home, ☰



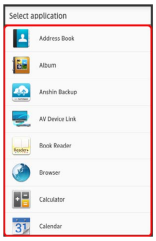
2

Add shortcut



3

Application → Tap application



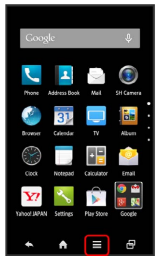
Shortcut is added.

Adding Widgets

Add Album, Calendar, etc. as follows.

1

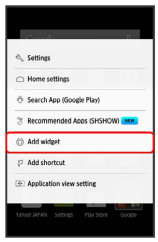
In Feel UX Home, ☰



Menu appears.

2

Add widget



3

Tap widget

Widget is added.

Removing Widgets/Shortcuts

In desktop sheet, Touch & Hold widget or shortcut → Peel off

Phone

Calling..... 42
Optional Services..... 43
Address Book..... 48

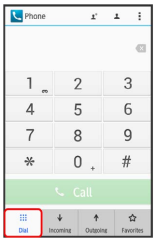
Calling

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

Placing Calls

1

In app sheet, (Phone) Dial

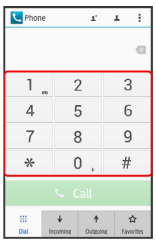


Call Window appears.

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

2

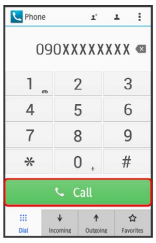
Use onscreen dialpad to enter number



・Include area code for landline numbers.

3

Call

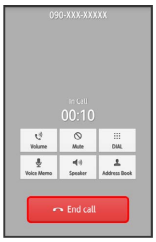


Handset dials the number.

・Wait for other party to accept the call.

4

To end the call, End call



Call ends.

・After calls to/from numbers not saved in Address Book, save to Address Book confirmation appears. Follow onscreen prompts.

Answering Calls

1

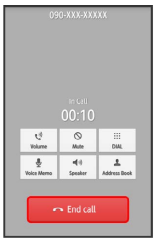
When a call arrives, Drag Answer down

Call connects.

・When Screen lock is canceled, Tap Answer .

2

To end the call, End call



Call ends.

・After calls to/from numbers not saved in Address Book, save to Address Book confirmation appears. Follow onscreen prompts.

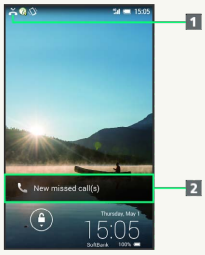
Emergency Location Report

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.

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 Incoming History. When Call and SMS are below missed call notification, Tap to call back or send SMS.
- Drag notification down to open Incoming History.

Emergency Call Caution

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

Optional Services

Use these SoftBank Optional Services:

Optional Services

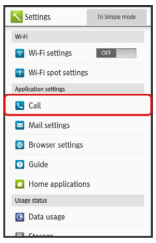
Service	Description
Call Forwarding	Divert all/unanswered calls to a preset number.
Voicemail	Divert all/unanswered calls to Voicemail Center; access messages via handset/ touchtone phones.
Call Waiting[1]	Answer calls during a call.
Group Calling[1]	Switch between open lines/connect multiple lines.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

1 Requires separate subscription

Call Forwarding

1

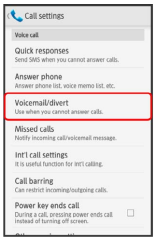
In app sheet, (Settings) Call



Call settings opens.

2

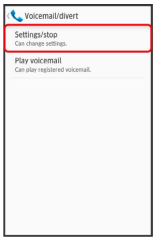
Voicemail/divert



Voicemail/divert menu appears.

3

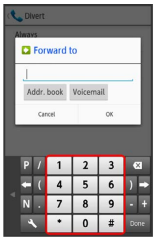
Settings/stop



Divert menu appears.

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

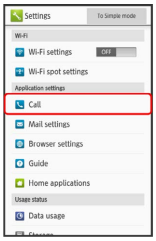
OK

Call Forwarding is set.

Voicemail

1

In app sheet, (Settings) Call



Call settings opens.

2

Voicemail/divert

Voicemail/divert menu appears.

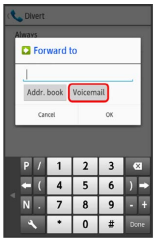
3

Settings/stop

Divert menu appears.

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.

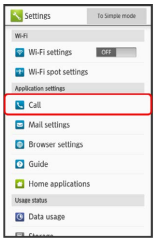
・When a new message is recorded, appears. To play messages, Tap Play voicemail in Voicemail/divert menu, then follow voice guidance.

Call Waiting

Requires separate subscription.

1

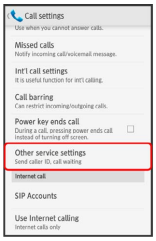
In app sheet, (Settings) Call



Call settings opens.

2

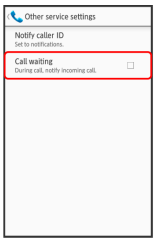
Other service settings



Other service settings opens.

3

Call waiting ( )



Call waiting is set.

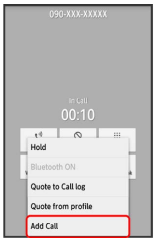
・During a call, a tone sounds for incoming calls;
Drag right to answer.
・To cancel Call Waiting, Tap Call waiting ( ).

Group Calling

Requires separate subscription.

1

During a call, Add Call



2

Enter number Call

3

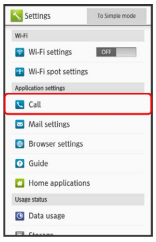
When call connects, Merge calls

Group Calling starts.

Caller ID

1

In app sheet, (Settings) Call



Call settings opens.

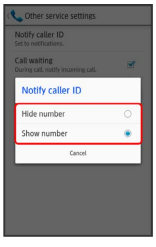
2

Other service settings

Other service settings opens.

3

Notify caller ID Hide number or Show number



Caller ID is set.

Call Barring

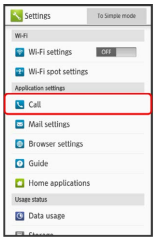
Restrict outgoing/incoming calls and SMS messages.

- 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

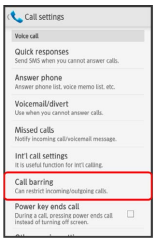
In app sheet, (Settings) ➔ Call



Call settings opens.

2

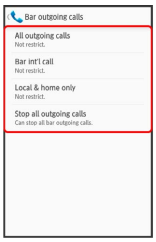
Call barring



Call barring menu appears.

3

Bar outgoing calls or Bar incoming calls ➔ Tap option



4

Enter Center Access Code (Call Barring Password) ➔ OK

Restriction is set.

Optional Services Operations

Setting Missed Call Notification

Activate this function for records of calls missed when handset is off/out-of-range. Initiate Voicemail then follow these steps:

In Call settings, Missed calls → Settings → Call → Follow voice guidance

Setting Handset Response to Missed Calls

In Call settings, Missed calls → Sounds & alerts → Tap item → Follow onscreen prompts

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

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 or Unavailable (☑)

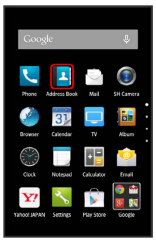
Address Book

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

Adding New Contacts

1

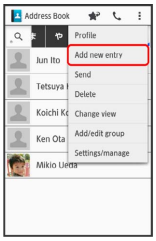
In app sheet, (Address Book)



Address Book opens.

2

Add new entry



Add contact window appears.

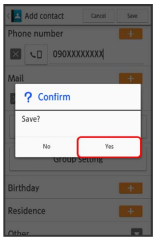
・If confirmation appears, follow onscreen prompts.

3

Tap item Complete entry

4

Save Yes

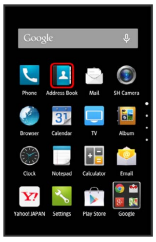


Contact is saved.

Dialing from Address Book

1

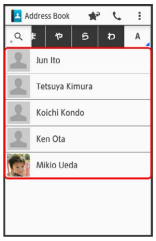
In app sheet, (Address Book)



Address Book opens.

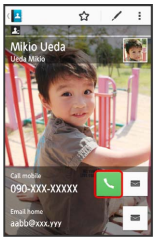
2

Tap tab Tap contact



Contact opens.

3



Handset dials the number. Wait for other party to accept the call.

4

To end the call, End call

Call ends.

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.

Messaging & Browser

Messaging..... 50
Setting at Initial Mail Startup.....50
Sending S! Mail/SMS.....51
Opening & Replying to S! Mail/SMS.....53
Opening Received S! Mail/SMS..... 54
Creating/Sending Gmail.....55
Opening Received Gmail..... 56
Using Internet Mail..... 57
Web Browsing (Browser)..... 59

Messaging

S! Mail

Exchange messages with S! Mail-compatible SoftBank handsets and e-mail 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.

Internet Mail

Use Internet Mail (POP3/IMAP4) on handset.

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

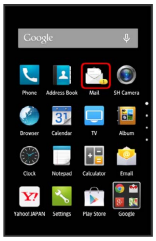
Setting at Initial Mail Startup

S! Mail Initial Setup

When activating Mail for the first time, complete setup to send/receive S! Mail using Wi-Fi.

1

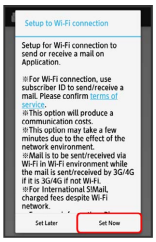
In app sheet, (Mail)



Setup to Wi-Fi connection window appears.

2

Set Now



Wi-Fi connection setup is complete and folder list appears.

- 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 folder 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)

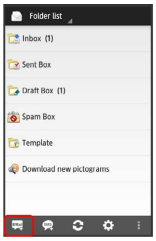
To receive S! Mail messages using Wi-Fi even when Display is completely dark (Screen lock active), disable Wi-Fi sleep policy in Wi-Fi settings.

Sending S! Mail/SMS

Sending S! Mail

1

In app sheet, (Mail) ➔ S!Mail



2

・Alternatively, enter phone number or e-mail address in Recipient field directly.

3

Select recipient (phone number or e-mail address) ➔ OK

・Tap Phonebook, Outgoing History or Incoming History to select recipient from Address Book, Outgoing History or Incoming History, respectively.
・After setting recipient, Tap Mikio Ueda to check recipient's phone number/e-mail address or set recipient to Cc/Bcc.
・To delete recipient, Tap Mikio Ueda then Tap ✕.

4

Tap Subject field ➔ Enter subject

5

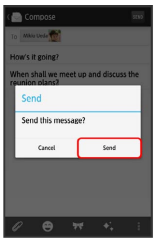
Tap Compose email field ➔ Enter text

6

SEND

7

Send



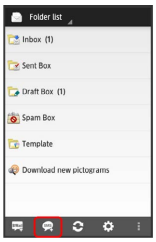
S! Mail is sent.

・Failed S! Mail message is saved as a draft.

Sending SMS

1

In app sheet, (Mail) ➔



2

・Alternatively, enter phone number in Recipient field directly.

3

Tap recipient (phone number)

・Tap Phonebook, Outgoing History or Incoming History to select recipient from Address Book, Outgoing History or Incoming History, respectively.
・After setting recipient, Tap Mikio Ueda to check recipient's phone number.
・To delete recipient, Tap Mikio Ueda then Tap ✕.

4

Tap Compose SMS field ➔ Enter text

5

SEND

6

Send

SMS is sent.

・Failed SMS message is saved as a draft.

About 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 saved to Draft Box in folder list. Open a draft to edit and send it.

Opening & Replying to S! Mail/SMS

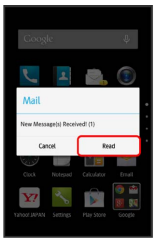
Handset receives S! Mail/SMS messages automatically by default.

Opening New S! Mail/SMS

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

1

Read



S! Mail/SMS message window appears.

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

Replying to S! Mail/SMS

1

In S! Mail/SMS message window, (reply) or (reply to all)

2

Enter text SEND

3

Send

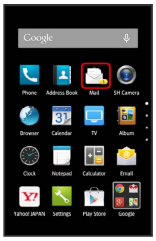
Message is sent.

Opening Received S! Mail/SMS

Opening S! Mail/SMS

1

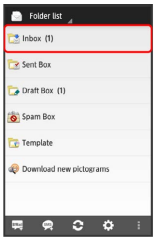
In app sheet, (Mail)



Folder list appears.

2

Inbox



Subfolder list appears.

- To access sent messages, Tap Sent Box ; sent S! Mail/SMS message list appears.
- To access drafts or unsent messages, Tap Draft Box ; draft/unsent S! Mail/SMS message list appears.

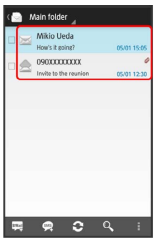
3

Tap folder

S! Mail/SMS message list appears.

4

Tap message



S! Mail/SMS message window appears.

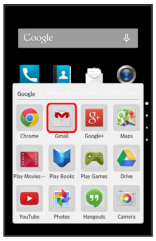
Creating/Sending Gmail

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

Creating/Sending Gmail

1

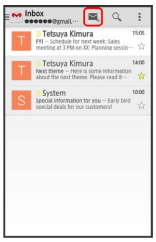
In app sheet, (Google) (Gmail)



Inbox opens.

・If confirmation appears, follow onscreen prompts.

2



Mail Composition window appears.

3

Enter recipient, subject and text on Action Bar

Message is sent.

Gmail Composition Operations

Adding Cc/Bcc Recipients

In Mail Composition window, Add Cc/Bcc Add recipient

Attaching Files

In Mail Composition window, Attach file Tap application Select file

・If confirmation appears, follow onscreen prompts.

Saving without Sending

While creating message, Save draft

・Message is saved as a draft.

Discarding Current Message

While creating message, Discard Discard

Gmail Caution

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

Opening Received Gmail

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

Opening New Gmail

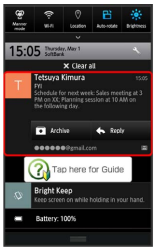
When Gmail message arrives, ✉ appears.

1

Drag Status Bar down for Notifications Window

2

Tap new Gmail notification



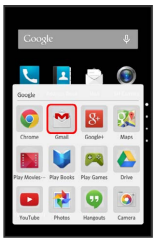
Message window appears.

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

Opening Gmail

1

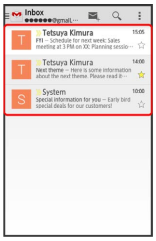
In app sheet, (Google) (Gmail)



Inbox opens.

2

Tap conversation (subject)



Message window appears.

Replying to Messages

In message window, Complete message on Action Bar

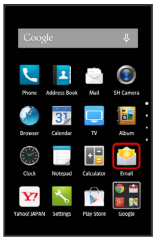
Using Internet Mail

Adding Accounts

Check usernames (user IDs), passwords, server names, etc. of your Internet Mail account beforehand.

1

In app sheet, (Email)



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

2

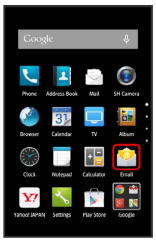
Follow onscreen prompts to set up account

Internet Mail setup is complete.

Creating/Sending Internet Mail

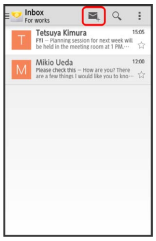
1

In app sheet, (Email)



Inbox opens.

2



Mail Composition window appears.

3

Enter recipient, subject and text

Message is sent.

Opening New Internet Mail

When Internet Mail message arrives, ringtone plays and ✉ appears.

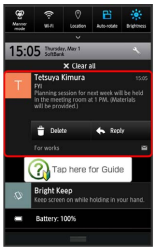
1

Drag Status Bar down for Notifications Window

Notifications Window appears.

2

Tap new Internet Mail notification



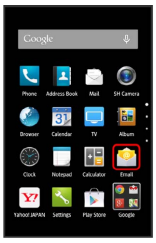
Message window appears.

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

Opening Internet Mail

1

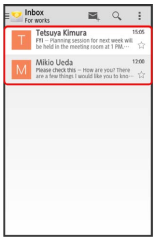
In app sheet, (Email)



Inbox opens.

2

Tap message



Message window appears.

Web Browsing (Browser)

View Internet sites in Browser.

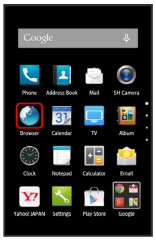
Using Browser

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, (Browser)



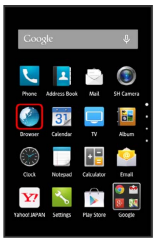
Browser activates.

・Flick to scroll.

Adding Bookmarks

1

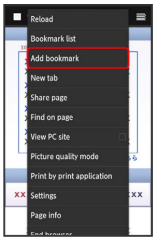
In app sheet, (Browser)



Browser activates.

2

Open target webpage ➔ ☰ ➔ Add bookmark



Add bookmark window appears.

3

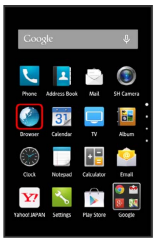
Check/edit label, URL, etc. ➔ OK

Current webpage is saved as a bookmark.

Opening Bookmarks

1

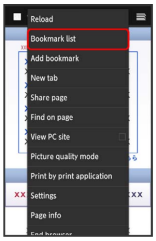
In app sheet, (Browser)



Browser activates.

2

Bookmark list



Bookmark window appears.

3

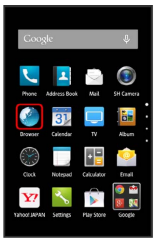
Tap bookmark

Corresponding webpage opens.

Using History

1

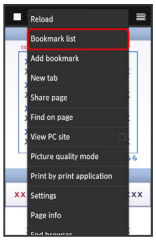
In app sheet, (Browser)



Browser activates.

2

Bookmark list



Bookmark window appears.

3

HISTORY

History list appears.

4

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

Corresponding webpage opens.

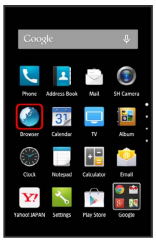
・Frequently visited webpages are saved in Most visited .

Opening New Tabs

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

1

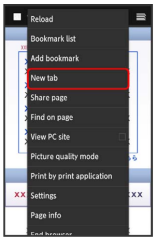
In app sheet, (Browser)



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 in Browser, then Tap target tab.

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 e-mail 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

Editing Bookmarks

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

Deleting Bookmarks

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

Searching within Current Webpage

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

Search results are highlighted.

SSL/TLS Caution

When a security notice appears upon opening a webpage, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of SSL/TLS usage. SoftBank Mobile Corp., Sharp Corporation, Symantec Website Security G.K. and Cybertrust cannot be held liable for any damages associated with the use of SSL/TLS.

Camera

Photo Camera.....64
Video Camera.....65

Photo Camera

Photo Camera

Capture JPEG images.

・Captured photos are saved to handset memory by default.
・To capture photos with a blurred background quickly, capture close-ups with Macro set.

1

In app sheet, (SH Camera)

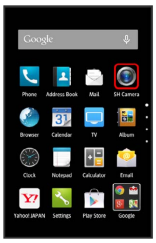


Photo Viewfinder appears.

2

Aim External Camera at subject

・For people, focus automatically locks on detected face.

3

Shutter sound plays; photo is saved to handset memory.

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 activates (appears) and file view window appears.

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.

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 Warning

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

Video Camera

Recording Videos

Record H.264/AAC videos.

・Recorded videos are saved to handset memory by default.

1

In app sheet, (SH Camera)

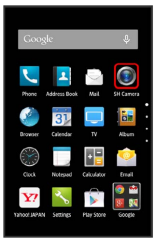


Photo Viewfinder appears.

2

Video Viewfinder appears.

・If confirmation appears, follow onscreen prompts.

3

Aim External Camera at subject (recording starts)

Tone sounds and recording starts.

4

(recording stops)

Tone sounds and recording stops; video is saved to handset memory.

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 activates (appears) and file view window appears.

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.

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 Warning

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

Music & Images

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Music Files (Music).....68
Still Images & Video (Album).....69

Music & Images

Main Applications

Application	Description
Music	Play music files saved to handset or SD Card.
Album	Photos/videos shot on handset and downloaded images are sorted into PORTRAIT, EVENT and MAP tabs.

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

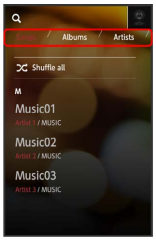
In app sheet, (Music)

Library opens.

・ appears for the last played song in song list.

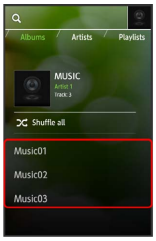
2

Tap 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).
・Flick left/right to toggle categories.

Still Images & Video (Album)

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

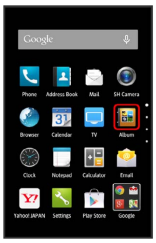
Opening Files

View still images and videos saved to handset memory and SD Card. The following file formats are supported.

Image	File Format
Still Image	JPEG, PNG, GIF, BMP, WBMP, WebP
Video	3GPP, 3GPP2, MP4, WMV (except WMDRM content), ASF (except WMDRM content), WebM, Matroska, MPEG2-TS

1

In app sheet, (Album)

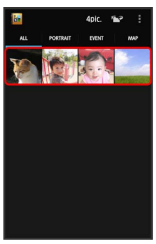


File list appears.

- 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 file



File (file view window) opens.

- For video playback, Tap ▶, then follow onscreen prompts.

Connectivity

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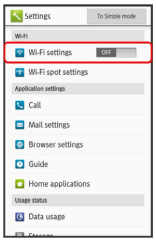
Wi-Fi

Use household Wi-Fi networks, etc. to connect to the Internet.

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).

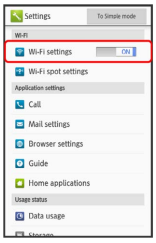
- Access point search starts; available access points appear upon completion.
- Tap ON to disable Wi-Fi (OFF).

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

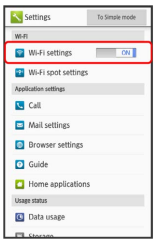
Handset connects to the access point.

- 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.

Disconnecting Wi-Fi

1

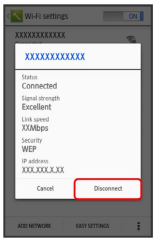
In app sheet, (Settings) Wi-Fi settings



Wi-Fi settings opens.

2

Tap connected access point Disconnect



Wi-Fi is disconnected.

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

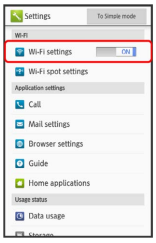
Using Wi-Fi Direct

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 .

Automatic Updates for Optimizing Wi-Fi Connection

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

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

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

Setting Wi-Fi Frequency Band

In Wi-Fi settings, ☰ → Advanced → Wi-Fi frequency band → Auto , 5 GHz only or 2.4 GHz only

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.

Tethering Option

About Tethering Option

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

- Requires separate subscription.
- Use after checking that handset is updated to the latest software.

Starting Up Tethering Option

1

In app sheet, (Tethering)

Tethering window appears.

- When Terms of Agreement appear, follow onscreen prompts.

Opening Tethering Option Help (Japanese)

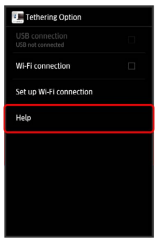
1

In app sheet, (Tethering)

Tethering window appears.

2

Help



Help window appears.

3

Follow onscreen prompts

A description of each item appears.

Wi-Fi Connection

After enabling Wi-Fi connection ( ), it will be automatically disabled ( ) when no connection is made to handset for a certain period of time.

Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

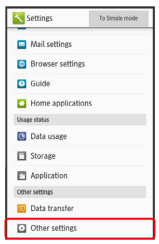
Bluetooth® Functions

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®

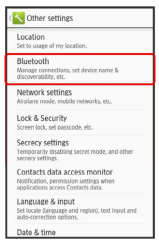
1

In app sheet, (Settings) Other settings



2

Bluetooth



Bluetooth® menu appears.

3

OFF on Action Bar

Bluetooth® is enabled (ON).

・Tap ON to disable Bluetooth® (OFF).

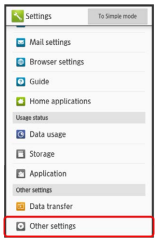
Pairing with Other Bluetooth® Devices

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.

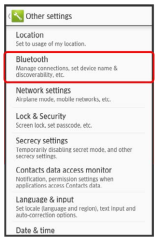
1

In app sheet, (Settings) Other settings



2

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.

3

Tap target device Follow onscreen prompts for authentication

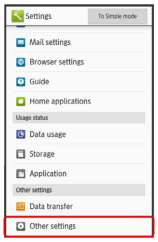
Pairing completes; handset connects to some devices (e.g., handsfree devices) automatically.

・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.

Connecting Paired Bluetooth® Devices

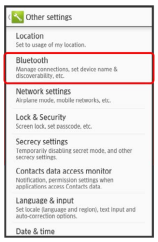
1

In app sheet, (Settings) Other settings



2

Bluetooth



Bluetooth® menu appears.

・Paired Bluetooth® devices appear in Paired devices field.

3

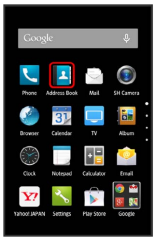
Tap target device

Handset connects to the device.

Sending Files (e.g., Address Book)

1

In app sheet, (Address Book)



Address Book opens.

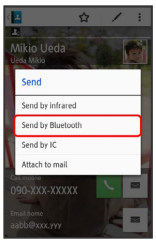
2

Tap tab Tap contact

Contact opens.

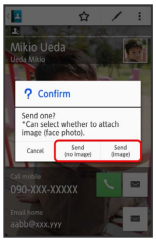
3

Send Send by Bluetooth



4

Send (no image) or Send (image) (Yes when face image/photo is not saved)



5

Tap target device

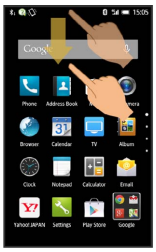
File is sent.

Receiving Files (e.g., Address Book)

When file reception request arrives, appears. To receive files:

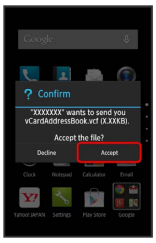
1

Drag Status Bar down for Notifications Window



2

Tap Bluetooth® share notification Accept

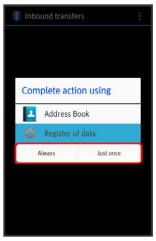


3

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.

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.

Bluetooth® Connection Operations

Renaming Paired Devices

In Bluetooth® menu, 🔧 for target device ➔ Rename ➔ Enter name ➔ OK

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

Unpairing Devices

In Bluetooth® menu, 🔧 for target device ➔ Unpair

Connecting to Bluetooth® Devices by Service

In Bluetooth® menu, 🔧 for target device ➔ Tap item

・Available when handset is paired with compatible devices.

Disconnecting Devices (e.g., Handsfree Devices)

In Bluetooth® menu, Tap connected device ➔ OK

Setting whether to Allow Other Devices to Detect Handset

In Bluetooth® menu, Tap handset name (default: 304SH)

・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.

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.

Global Services

Global Roaming..... 80
Calling from Outside Japan..... 81

Global Roaming

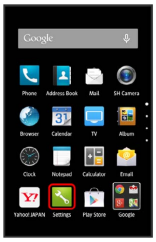
Handset is Global Roaming Service eligible. Use the same handset number outside Japan.

Setting a Cellular Provider

Handset connects to an appropriate cellular provider automatically by default. To set a cellular provider manually:

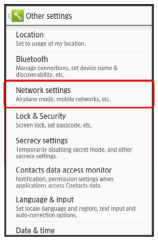
1

In app sheet, (Settings)



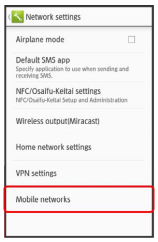
2

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 .

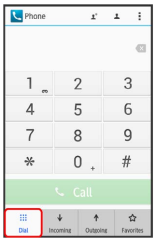
Calling from Outside Japan

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.

Calling Japan

1

In app sheet, (Phone) Dial



Call Window appears.

・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

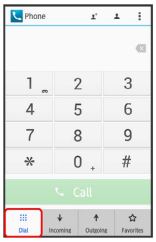
Japan number

Handset dials the number.

Calling Landlines & Mobiles within Current Country

1

In app sheet, (Phone) Dial



Call Window appears.

・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

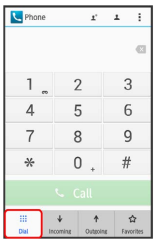
Stay country number

Handset dials the number.

Calling Countries aside from Japan

1

In app sheet, (Phone) Dial



Call Window appears.

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

2

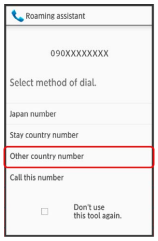
Use onscreen dialpad to enter number Call

Roaming assistant appears.

・Do not add + before the number.

3

Other country number



Country code list appears.

4

Tap country code

Handset dials the number.

・When calling SoftBank handsets, always Tap 日本(JPN) .

International Call 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

Enabling/Disabling Abroad Assistant

In app sheet, (Settings) Call Int'l call settings Abroad assistant

・Tap Abroad assistant to toggle Enable ( ) and Disable ( ).

Settings

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About Settings

About Settings

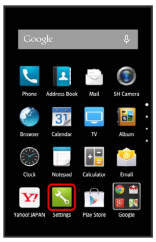
In app sheet, Tap (Settings) to customize the following settings.

・To access basic setting items only, Tap To Simple mode Yes .

Item	Description
Profile	Check handset number, e-mail address, etc.
Sound	Set ringtone, confirmation tones, etc.
Wallpaper & display	Set Wallpaper, Display brightness, etc.
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.
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.

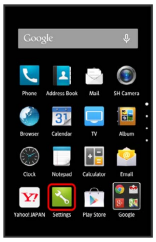
Sound Settings

Sound Settings

Item	Description
Mode settings	Set Silent mode.
Volume	Adjust volume levels.
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 volume and other options for Alarm.
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.

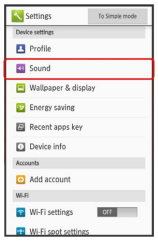
1

In app sheet, (Settings)



2

Sound



Sound menu appears.

3

Set each item

Setting is complete.

Sound Operations

Set Silent Mode

In Sound menu, Mode settings → Tap option

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

Set Handset Volume

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 or 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 or 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 or 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 or 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.

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.

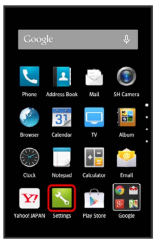
Wallpaper & Display Settings

Wallpaper & Display Settings

Item	Description
Wallpaper	Set Wallpaper for SH HOME (Home application).
Welcome Sheet(lock screen)	Set Wallpaper and other options for Welcome sheet (lock screen).
EDGEST Effect	Set effect that appears when Display turns on, when a call arrives, 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 on/off with motion	Set Display to turn on/off according to handset movement or operation.
Font Settings	Set font size and font type.
VeilView	Set options to prevent peeking.
Daydream	Set screensaver to activate when Display turns off while charging.
Display left percents of Battery	Set whether to show battery strength in percent.

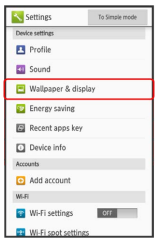
1

In app sheet, (Settings)



2

Wallpaper & display



Wallpaper & display menu appears.

3

Set each item

Setting is complete.

Wallpaper & Display Operations

Set Preloaded Image as Wallpaper

Change Wallpaper for SH Home (Home application).

In Wallpaper & display menu, Wallpaper ➔ OK ➔ Live Wallpapers or Wallpaper gallery ➔ Always or Just once ➔ Select image ➔ Set wallpaper or Set to wallpaper

・For some images, additional settings are available. 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 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 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) or 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 Turn Off Display Shortly after Placing Handset Horizontally

In Wallpaper & display menu, Screen on/off with motion ➔ Bright Keep ➔ Turn off immediately when putting flatly

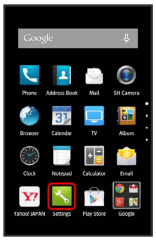
・Tap Turn off immediately when putting flatly to toggle on ( )/off ( ).
・Available when Bright Keep is enabled.
・May not work properly depending on application in use.

Recent Apps Key Setting

Recent Apps Key Setting

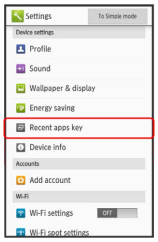
1

In app sheet, (Settings)



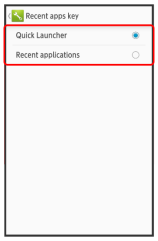
2

Recent apps key



3

Quick Launcher or Recent applications



Setting is complete.

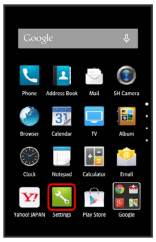
Device Info

Device Info

Check handset status.

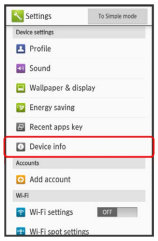
1

In app sheet, (Settings)



2

Device info



Device info menu appears.

・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 ☑ (check all) or ☒ (uncheck all) 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, Authentication, & Technical Regulations Conformity Certification

In Device info menu, Legal information , Authentication or Technical Regulations Conformity Certification

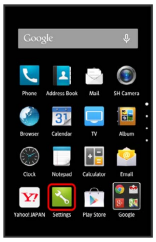
Add Account

Add Account

Create/add accounts; sync them as needed.

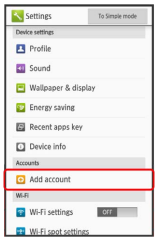
1

In app sheet, (Settings)



2

Add account



3

Tap account type ➔ Follow onscreen prompts

An account is added.

Select Applications to Sync by Account

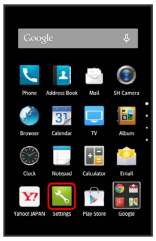
In app sheet, (Settings) ➔ Tap account type ➔ Tap account ➔ Tap item(s) to sync (☑)

Wi-Fi Settings

Wi-Fi Settings

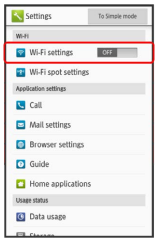
1

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.

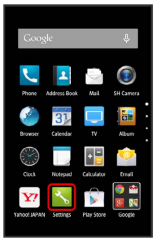
Home Applications Setting

Home Applications Setting

Set Home application.

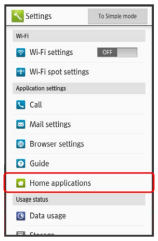
1

In app sheet, (Settings)



2

Home applications



Home applications window appears.

3

Tap Home application

Setting is complete.

Delete Home Applications

In Home applications window, Follow onscreen prompts

- Preinstalled Home applications cannot be deleted.

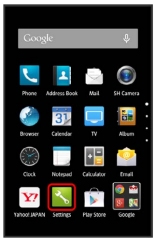
Storage Settings

Storage Settings

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.
Export to microSD	Copy handset memory files to SD Card.
Import to phone	Copy SD Card files to handset memory.

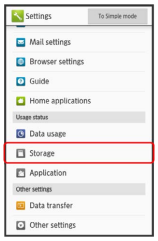
1

In app sheet, (Settings)



2

Storage



Storage menu appears.

3

Set each item

Setting is complete.

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.

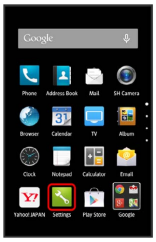
Application Settings

Application Settings

Check installed applications and running applications.

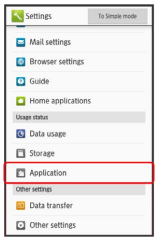
1

In app sheet, (Settings)



2

Application



Application menu appears.

・Tap DOWNLOADED , 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.

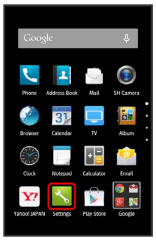
Data Transfer

Import files from other mobiles using SD Card or Bluetooth®, or back up handset files to SD Card.

Restoring Backup Files from SD Card

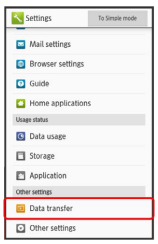
1

In app sheet, (Settings)



2

Data transfer

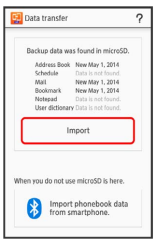


Data transfer window appears.

・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.

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 ☑ (check all) or ☒ (uncheck all) on Action Bar.
・To import Mail messages, Tap Mail ➔ Add registration or Delete and register (Mail activates) ➔ Follow onscreen prompts.
・When importing user dictionary/learning dictionary (iWnn IME - SH edition), existing user dictionary/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

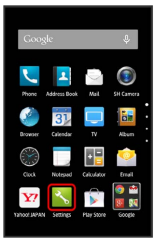
Complete

Restore is complete.

Backing Up Files to SD Card

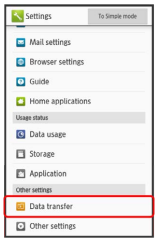
1

In app sheet, (Settings)



2

Data transfer



Data transfer window appears.

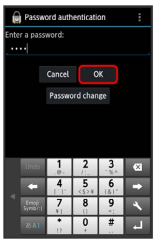
・Tap Function information for a tutorial (Japanese) on functions.

3

Save data to microSD

4

Enter Operation Password ➔ OK



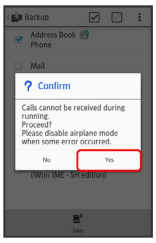
5

Follow onscreen prompts

- To select (☑) or cancel (☐) all available items together at once, in item list, Tap ☑ (check all) or ☒ (uncheck all) on Action Bar.
- If confirmation appears, follow onscreen prompts.
- To back up Mail messages, Tap Mail ➔ Save (Anshin Backup activates) ➔ Follow onscreen prompts.

6

Save ➔ Yes



Backup starts.

7

Complete

Backup is complete.

Backup Caution

Backup requires at least 11 MB of free space in handset memory. Process stops if Battery runs low. Check battery charge beforehand.

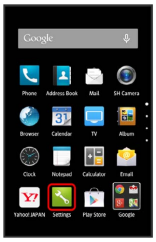
Other Settings

Other Settings

Item	Description
Location	Enable location information.
Bluetooth	Set Bluetooth® connections.
Network settings	Set Airplane mode, mobile network, etc.
Lock & Security	Set Screen lock, Operation Password, etc.
Secrecy settings	Specify settings for hiding contacts.
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.
Printing	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.

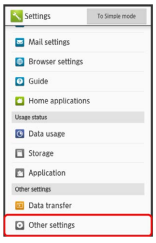
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

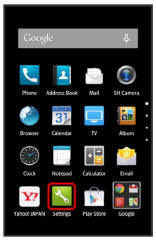
Set each item

Setting is complete.

Bluetooth® Settings

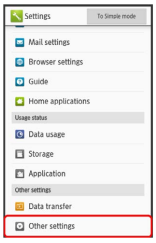
1

In app sheet, (Settings)



2

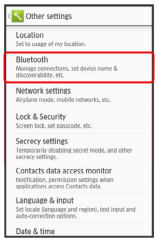
Other settings



Other settings opens.

3

Bluetooth



Bluetooth® menu appears.

4

Set each item

Setting is complete.

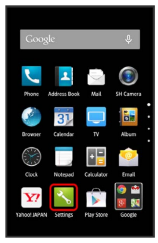
・For details on each item, see "Bluetooth®."

Network Settings

Item	Description
Airplane mode	Leaving power on, suspend signal-transmitting functions.
Default SMS app	Set application for sending/receiving SMS.
NFC/Osaifu-Keitai settings	Set functioning of NFC/Osaifu-Keitai®.
Wireless output (Miracast)	Set wireless output.
Home network settings	Share media files with other devices over a home network.
VPN settings	Set virtual private networks (VPNs).
Mobile networks	Set Network options. For details on Network operators, see "Global Roaming."

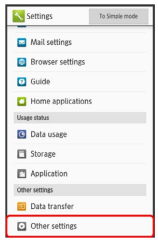
1

In app sheet, (Settings)



2

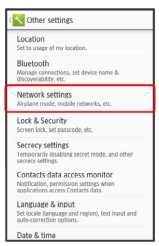
Other settings



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

Enable/Disable Sharing of Handset Memory/SD Card Media Files on DLNA

In Network settings, Home network settings → Home network server

・Set up Wi-Fi for home NW server beforehand.
・Tap Home network server to toggle on (☑)/off (☐).
・See TV user guide to learn how to connect handset to DLNA-compatible TV.

Set up a Network (Wi-Fi Access Point) for DLNA Service

In Network settings, Home network settings → Wi-Fi for home NW server → Tap access point

・Available when Home network server is disabled.
・If confirmation appears, follow onscreen prompts.

Save Handset Name that Appears on DLNA Devices

In Network settings, Home network settings → Home network server name → Tap server name field → Enter name → OK

・Available when Home network server is disabled.

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

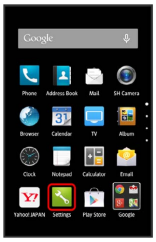
In Network settings, Mobile networks → Access Point Names → ☰ → Reset to default

Lock & Security Settings

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.
NFC screen-unlock settings	Use IC Card (NFC) as an option to cancel Screen lock.
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.

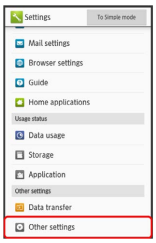
1

In app sheet, (Settings)



2

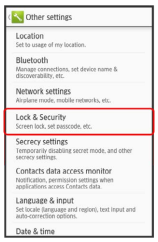
Other settings



Other settings opens.

3

Lock & Security



Lock & Security menu appears.

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.

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.)

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.

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

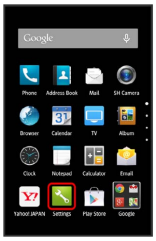
Handset files can be encrypted with Encrypt phone.
・After performing Encrypt phone, storage decryption password entry window appears each time handset is powered on. Enter Lock No. passcode or password set in Screen lock.
・To disable encryption of handset, perform Reset all.
・Charge handset adequately 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.

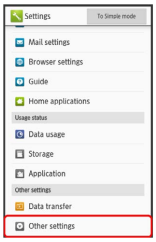
1

In app sheet, (Settings)



2

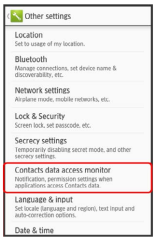
Other settings



Other settings opens.

3

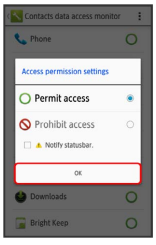
Contacts data access monitor



Contacts data access monitor window appears.

4

Tap application ➔ Permit access or Prohibit access ➔ OK



Setting is complete.

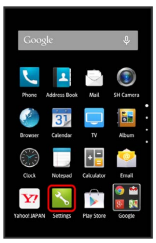
・Select Notify statusbar. to show a notification when an application accesses Address Book.

Language & Input Settings

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.

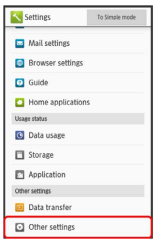
1

In app sheet, (Settings)



2

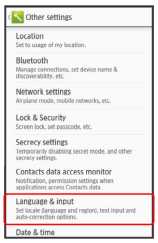
Other settings



Other settings opens.

3

Language & input



Language & input menu appears.

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 Tap item Follow onscreen prompts

Select Handset Interface Language

In Language & input menu, Select language Tap option

Save Words to User Dictionary

In Language & input menu, Personal dictionary + Tap Type a word field Enter word Next Enter keyword Done

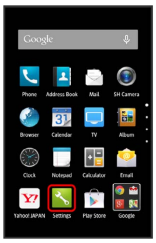
・To delete a word, Tap it on Action Bar.

Date & Time Settings

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.

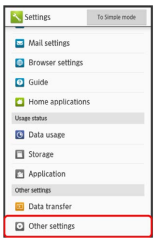
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Date & time

Date & time menu appears.

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

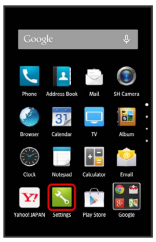
Backup & Reset

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 shot photos and some preinstalled applications irreversibly. Back up important data before performing Reset all.

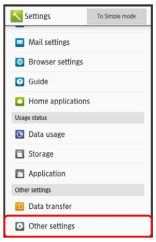
1

In app sheet, (Settings)



2

Other settings



Other settings opens.

3

Backup & reset

Backup & reset menu appears.

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 ( ).

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. ( ).

Appendix

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File Storage

File Save Location

・Use handset memory and SD Cards to save files. See "Handset Memory & SD Card" for more about SD Cards including insertion/removal procedure.
・Depending on file type, save location of created files can be changed. Change save location in application that handles corresponding files. See below for main file types and their default save location.

File Type	Description
Address Book, Bookmark, Calendar, Mail, Notepad	Created files are saved to handset memory. Save location cannot be changed.
Still images (photos), videos, TV programs	Created files are saved to handset memory.

Backup & Restore

Backup/Restore Options

Option	Description
Anshin Backup	Back up files to cloud server or SD Cards, and restore to handset as needed.
Corresponding applications	Depending on application, backup/restore settings can be changed.
Settings & desktop sheet	Back up or restore files to/from SD Cards via Settings, or by using データ引継 (Data transfer) application in desktop sheet. 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.

Specifications

Handset

Handset specifications are as follows.

- Times below were measured with Automatic brightness disabled, Outdoor view 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	137 g (with Internal Battery)[1]
Internal Battery Capacity	2,600 mAh
Continuous Talk Time[2]	3G: 1,350 minutes[1] GSM: 750 minutes[1]
Continuous Standby Time[3]	3G: 850 hours[1] GSM: 650 hours[1] 4G (AXGP Network): 600 hours[1] 4G (FDD-LTE Network): 650 hours[1]
Continuous TV Viewing Time[4]	Full Seg: 6 hours[1] One Seg: 11 hours[1]
Charging Time[5]	AC Charger (SHCEJ1): 190 minutes[1] AC Charger (ZTDAC1; Micro USB, 1.0 A): 190 minutes[1]
Dimensions (W x H x D)	72 mm x 135 mm x 9 mm (without protruding parts)[1]
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[6]	SoftBank 4G: 110 Mbps in downlink, 10 Mbps in uplink SoftBank 4G LTE: 75 Mbps[7] in downlink, 25 Mbps in uplink

1 Approximate value.
2 Average measured with handset fully charged, in strong signal conditions at rest.
3 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.
4 Average measured with handset fully charged, with Audio settings set to Natural in landscape view (full screen), using Headphones with Mic (optional accessory) at maximum volume, until Battery runs low (10% of capacity). Viewing time may vary with signal strength and content to be viewed. One Seg viewing time was measured with Receive while saving the battery set.
5 Measured with power off using AC Charger.
6 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.
7 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).

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
	Prohibited actions
	Disassembly prohibited
	Exposure to liquids prohibited
	Use with wet hands prohibited
	Compulsory actions
	Unplug from outlet

Handset, USIM Card, Charger (Optional Accessory), Micro USB Cable (Optional Accessory), TV Antenna/AC Charger Connection Cable (Optional Accessory), SD Card (Optional Accessory)

⚠DANGER

Use specified Charger, Micro USB Cable and TV Antenna/AC Charger Connection 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 expose internal handset parts or Charger to liquids.

Do not let exposed internal parts remain wet; do not charge while they are wet. May cause overheating, electric shock, fire, injury or malfunction. 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.

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

Display uses tempered glass; however, do not subject to impact (e.g., from a fall) or apply excessive force.

Display may break, scattering sharp glass pieces. Should breakage occur, do not touch glass pieces or broken parts directly; may cause injury.

Camera window uses glass. Do not subject to impact (e.g., from a fall) or apply excessive force.

Camera window may break, scattering glass pieces. Should breakage occur, do not touch glass pieces or broken parts directly; may cause injury.

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.

Handset use near petrochemicals or other flammables may cause fire/explosion; power off before using NFC (including Osaifu-Keitai®) at gas stations; unlock NFC (including Osaifu-Keitai®) before powering off.

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.
IPX is a standard for water protection; however, compliance with this standard does not mean that short-circuiting due to adhesion of liquid can be prevented. Handset water resistance does not provide protection from sea water, pool water, hot water, etc. When liquid adheres, remove it thoroughly before charging.

Never connect Micro USB plug while handset or Charger is wet.

Handset is water resistant; however, if Micro USB plug is inserted while it is wet, liquid (tap water, beverage, sea water, pet urine, etc.) or a foreign object adhered to handset or Micro USB plug may cause overheating, burnout, fire, malfunction, burns, etc. due to electric shock, short-circuiting, etc.

Do not expose handset or related hardware to hot air from dryers or other sources to dry them or for other purposes. Avoid saunas or hot water.

Internal Battery may leak, overheat, burst or ignite. Handset/Charger may overheat, emit smoke, ignite, malfunction, etc.

⚠ CAUTION

Do not place handset or related hardware on unstable surfaces.

Handset or related hardware may fall, resulting in injury, malfunction, etc.; take added care when Vibration is set or while charging. A fall while charging may cause damage to connector.

Always grasp Charger plug (not cord/cable) when removing handset from Charger.

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

Use/dispose of Internal Battery according to battery type.

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

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 look into Infrared Port during Infrared transmissions.

Eyesight may be affected.

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

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.

Do not swing handset by TV Antenna.

May harm self or others, resulting in injury or handset malfunction/breakage.

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.

Watch TV (Full Seg/One Seg) from a distance in good light.

Watching in poor light or too close may affect eyesight.

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.
・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.
・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.

TV (Full Seg/One Seg)

・Handset Full Seg/One Seg reception may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect Full Seg/One Seg images.
・Check reception beforehand; programs may not be viewable in some areas since reception varies depending on usage environment.

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 Silent 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

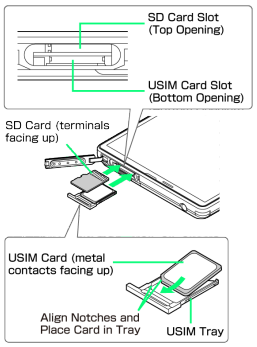
Handset & Hardware Care

・During periods of disuse, charge handset to approximately 40% at least once every 6 months; if left uncharged, files/settings may be affected or handset may become unusable. SoftBank Mobile Corp. is not liable for any resulting damages.
・Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) 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.
・Handset back cover is not removable. Do not try to remove it; may cause damage or malfunction, or affect water resistance.
・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.
・Avoid covering Earpiece, Mics and Speaker while using handset.
・Proximity Sensor prevents Touchscreen misoperation during calls. Do not cover or place a sticker/label over Proximity Sensor; Display may remain off during calls, disabling handset operation.
・When Earpiece area is covered with your hair during calls, Proximity Sensor may not function properly. Display may remain on; touching Display accidentally may end the call.
・Do not cover Light Sensor or place a sticker/label over it; may hinder ambient light detection, resulting in malfunction of Light Sensor.

SD/USIM Card Slot

SD Card Slot is located above USIM Card Slot. Insert each card into correct opening in correct orientation.

・Always power off before card insertion/removal.
・Place USIM Card in USIM Tray beforehand.



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
・To prevent malfunctions, do not:
  ・Touch Display with wet fingers
  ・Use if Display is wet
  ・Subject Display to force/pressure
  ・Place labels or stickers over Display
・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 Power Key to activate Screen lock, then Press Power Key again to cancel it.
  ・Handset operates automatically without touch input
  ・Handset does not respond to touch input

TV Antenna

Pulling TV Antenna by its top, extend it fully; adjust angle to find best reception. After use, straighten TV Antenna and gently retract it all the way from the bottom. Do not carry handset with TV Antenna extended; damage may result.

Self Check

If handset is unstable, diagnose the cause as follows.
In app sheet, (Settings) Device info Self check Follow onscreen prompts

Saving Battery Power

Reduce battery consumption as follows.
In app sheet, (Settings) Energy saving Energy saving settings Energy save

・When Energy save is enabled, Energy save symbol appears green.

Headphones

Headphones with Mic (SHLDL1) are available for separate purchase. Other headphone mics may not function properly on handset.

・Do not subject Headphone Port to strong impact while using Headphones with Mic; water resistance may be affected.

Forcing Power Off

If handset has stopped processing or won't respond to operation, power off forcibly as follows.
Long Press Power Key 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.
To view related information (Japanese):
In app sheet, (Settings) Device info Authentication

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 and 5 GHz band with DSSS-OFDM modulation. Maximum transmission radius is 40 meters.
To view related information (Japanese):
In app sheet, (Settings) Device info Authentication

・Available Channels in the 5 GHz Band
Three bands are available within the 5 GHz frequency band: 5.2 GHz, 5.3 GHz and 5.6 GHz (W52/W53/W56).

・W52 (5.2 GHz band; channels 36, 38, 40, 44, 46, 48)
・W53 (5.3 GHz band; channels 52, 54, 56, 60, 62, 64)
・W56 (5.6 GHz band; channels 100, 102, 104, 108, 110, 112, 116, 118, 120, 124, 126, 128, 132, 134, 136, 140)

Using the 5.2 GHz or 5.3 GHz band (W52/W53) for outdoor communication is prohibited by the Radio Law.
■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

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

In some countries/regions including Europe, there are restrictions on the use of 5 GHz WLAN that may limit the use to indoors only.
If you intend to use 5 GHz WLAN on the device, check the local laws and regulations beforehand.

Hereby, Sharp Telecommunications of Europe Ltd, declares that 304SH 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.

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 0.694 W/kg* and when worn on the body, is 0.315 W/kg*. For body-worn operation, this mobile device has been tested and meets the RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines. As SAR is measured utilizing the device's highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.
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.
*The tests are carried out in accordance with international guidelines for testing.
World Health Organization
http://www.who.int/emf
List of Specific Absorption Rates (SAR) for radio waves by smartphone model
http://www.softbank.jp/mobile/support/sar/ (Japanese)

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 130 mV.

5 GHz WLAN Operation in USA

Within the 5.15-5.25 GHz band, U-NII devices are restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite Services (MSS) operations.

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.

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 0.32 W/kg, and when worn on the body in a holder or carry case, is 0.83 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 APYHRO00205.
Additional information on Specific Absorption Rates (SAR) can be found on the FCC Radio Frequency Safety website at http://transition.fcc.gov/oet/rfsafety/.

RF Exposure Information/Specific Absorption Rate (SAR) Information

Specific Absorption Rate (SAR) for This Product

This mobile phone SoftBank 304SH meets the MIC's* technical regulation and international guidelines for exposure to radio waves.
The MIC's technical regulation for exposure to radio waves** 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***.
The highest SAR value for this mobile phone is 0.543 W/kg when tested for use at the ear, and 0.468 W/kg**** when worn on the body in the following manner*****.
While there may be differences between the SAR levels of various phones and at various positions, all phones meet MIC's technical regulation.
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*****
Use this mobile phone maintaining a 1.5 cm separation with no metal (parts) between the body and the mobile phone. When used in this manner, this mobile phone is confirmed to comply with the MIC's technical regulation for exposure to radio waves and international guidelines for radio wave protection.
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)
*Ministry of Internal Affairs and Communications
**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 condition.
Standards of the Federal Communications Commission (FCC) of the U.S. Government and information from the E.U. are given as information relating to RF exposure. For details, see "FCC RF Exposure Information" and "European RF Exposure Information."

Water Resistance

Handset Water Resistance

Handset complies with IPX5 (former JIS protection level 5)[1] and IPX7 (former JIS protection level 7)[2] water protection standards, with Card Slot Cover closed firmly. (Handset is not dust proof.)

[1]IPX5 compliant means that a handset continues to function as a phone after being subjected to a water jet (approximately 12.5 liters/min.) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from handset) for at least 3 minutes.
[2]IPX7 compliant means that a handset continues to function as a phone after being gently submerged to the depth of 1 m in still tap water at room temperature, left there for approximately 30 minutes, then removed from it.

・Water resistance may be affected under some circumstances. Warranty does not cover malfunctions resulting from misuse.
・Handset is compliant with IPX5 and IPX7 water protection standards. However, ingress of beverage, sea water, etc. may cause malfunction.

■Handset Care

・Close Card Slot Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket and Card Slot may allow ingress of liquid.
・If handset is exposed to liquids with Card Slot Cover open, they may enter handset and cause electric shock or malfunction. Discontinue use and power off.
・If handset is wet, wipe it with a dry cloth.
・Never open/close Card Slot Cover with wet hands or while handset is wet.
・Do not use Headphone Port or External Device Port while it is wet or obstructed by sand/dirt; water resistance may be affected, or malfunction, burns or fire may result due to electric shock, short-circuiting, etc.
・Handset is only water resistant against fresh/tap water between 5°C - 35°C.

Precautions

・Do not subject handset to soap, detergent, bath powder/oil, sea/pool/spa water, hot water, etc.
・Rinse off sea/pool water, beverage, dirt, sand, mud, etc. immediately with fresh/tap water between 5°C - 35°C; residue may cause malfunction if allowed to dry.
・Do not soak handset in bath or pool; never use it in water (including key operation).
・Handset is not resistant to water pressure. Avoid high-pressure water/shower (over 6 liters/min.) or water immersion.
・Do not expose handset to high humidity for long periods; avoid prolonged use in bath/shower rooms.
・Volume may be low when Mic, Earpiece or Speaker is wet; dry handset before use (see "Drying Handset").
・Charger and other optional accessories are not water or dust proof. Do not use in high humidity or near water (outdoors, in bathrooms, shower rooms, etc.); may cause fire, electric shock or malfunction.
・Do not subject handset to strong impact (e.g., from a fall); do not poke Mic, Earpiece, Speaker, etc. with a sharp object.
・Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
・Do not move handset directly from a cold place to a warm humid place; condensation may occur. Should this happen, dry handset naturally at room temperature.
・Handset does not float on water.
・Keep handset out of heavy rain.

Charging Cautions

・Never connect Micro USB plug while handset or Charger is wet.
Handset is water resistant; however, if Micro USB plug is inserted while it is wet, liquid (tap water, beverage, sea water, pet urine, etc.) or a foreign object adhered to handset or Micro USB plug may cause overheating, burnout, fire, malfunction, burns, etc. due to electric shock, short-circuiting, etc.
・Do not use Charger in rooms where water is regularly in use (kitchens, bathrooms, shower rooms, etc.); may cause fire or electric shock.

Care & Maintenance

・Proper care of Card Slot Cover gasket is crucial for continued handset water resistance. Observe the following:
  ・Do not remove or damage gasket. Keep it clean.
  ・If Card Slot Cover is damaged or deformed, contact a SoftBank Shop.
・Do not insert a sharp object into Card Slot Cover gap, Headphone Port or External Device Port.
・To maintain water resistance, it is recommended to replace Card Slot Cover every 2 years regardless of its condition. Customer-requested Card Slot Cover replacement incurs fees and requires handset submission. For details, contact a SoftBank Shop or SoftBank Customer Support, General Information.

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with a cloth. Then hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at room temperature (5°C - 35°C). Wash with your hands, taking care not to open Card Slot Cover; do not use a brush or sponge. Dry handset before use; after drying it well, power on.

- Before washing handset, make sure that Card Slot Cover is closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Headphone Port and External Device Port tend to accumulate dust, sand, etc.; rinse and dry them completely before use. Any residue may cause malfunction, burns or fire.
- Do not put a cotton swab, cloth, etc. into Headphone Port or External Device Port; water resistance may be affected causing malfunction.

Drying Handset

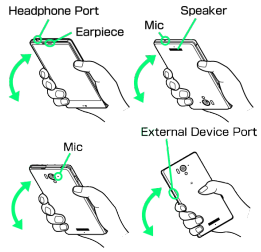
After exposing handset to water, be sure to dry Headphone Port, Earpiece, Speaker, Mics and External Device Port.

1

Wipe handset surface with dry cloth

2

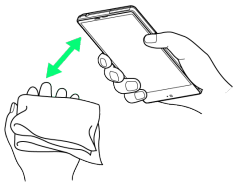
Holding handset firmly by its sides, shake it about 20 times



- When shaking handset, hold it firmly so as not to drop it.

3

Pat against dry cloth to remove moisture from holes and grooves



4

Leave handset on dry cloth for approximately 2 - 3 hours at room temperature

Cautions

When Removing Moisture

Do not put a cotton swab, cloth, etc. into openings; water resistance may be affected.

After Drying Procedure

Do not use handset in wet conditions.

- Voice quality may be affected, or moisture may transfer to clothes, bag, etc.
- Moisture may short-circuit Headphone Port, External Device Port or other parts.
- Exposure to cold may freeze moisture and cause malfunction.

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SoftBank 304SH User Guide

July 2014, First Edition
SoftBank Mobile Corp.

Visit SoftBank Shop for assistance

Model : SoftBank 304SH
Manufacturer : SHARP CORPORATION