



sonim[®]
BUILT FOR LIFE[™]

Sonim XP1[™] (bt)

User Guide

Version 4.0.3



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Disposal of old electrical & electronic equipment



The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end-of-life.

Disposal of battery



Please check local regulations for disposal of batteries.

The battery should never be placed in municipal waste. Use a battery disposal facility if available.

Declaration of Conformity

Sonim Technologies Inc, declares that the mobile phone Sonim XP1™(bt) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

DECLARATION OF CONFORMITY

We, **SONIM TECHNOLOGIES INC.**

of **1875 S.GRANT STREET SAN MATEO, CA 94402, USA**

Declare under our own responsibility that the product

Type of name: Sonim XP1(bt)
Model: Sonim XP1(bt)

to which this declaration refers conforms with the relevant standards or other standardizing documents:

Safety: EN 60950-1:2001 SAR: EN50360:2001/EN50361:2001
R&TTE: EN301-511 V9 0.2 EN300 328
EMC: EN301489-1 V1.6.1 (2005-09) and EN301489-7 V1.2.1 (2002-08) EN301 489-17 v 1.2.1

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to the entire essential requirements of Directive 1999/5/EC.

The conformity assessment procedure according to the regulations in R&TTE Directive 1999/5/EC have been followed with the involvement of following Notified Body (ies):

BABT, Balfour House, Churchfield Road, Walton-on-Thames, Surrey, KT1 2TD, UK
Identification mark:

0168
(Notified Body number)

San Mateo, 16 Oct 2007

The technical documentation relevant to the above equipment will be held at:

SONIM TECHNOLOGIES INC.
1875 S. GRANT STREET SAN MATEO, CA 94402, USA

The original copy of this Declaration of Conformity is signed.

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General information

Congratulations on the purchase of a Sonim XP1™ (bt) mobile phone. The Sonim XP1(bt) phone is fully compliant with the recently ratified Open Mobile Alliance (OMA) GSM standard specification. It has an intuitive, feature-rich user interface that allows you to make the best use of the functions offered on your XP1(bt) device.

Network services

These are additional services that you can avail through your network service provider. To make the best of these services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider.

Sonim support information

For additional product and support information, visit www.sonimtech.com.

Use the guide effectively


Acquaint yourself with the terminology and symbols used in the guide to help you use your phone effectively.


Press

Means to press and release a key immediately. For example, Press 2 means that you press the key on the keypad that is labelled with the numeral 2 and the alphabets "ABC".

Select













Means to either press the Left or Right Selection Key to apply the command indicated at the bottom of the screen. The Center navigation key can also be used to select options. For example, if this guide says Select **Menu** > **Messages** > **SMS** > **Write message**, you must press the **Left Selection Key** to select Menu, scroll to Messages and press the Left Selection Key, scroll to SMS and press the Left Selection Key, scroll to Write message and press the Left Selection Key. To select Exit, press the Right Selection Key.

Press and hold	Means to press and hold a key for 2–3 seconds before releasing the key. This action is typically used when trying to switch on/off the phone or when using shortcuts to access specific functions. For example, press and hold 1 to access Voicemail.
menu options	These options are displayed at the bottom of the screen. The selection keys are used to accomplish the indicated option.
Select Menu	Means to press the Left Selection Key to select the Menu option or press the Menu key (centre) for the same result.
A menu item suffixed with three dots (...)	Means more options are available but only one has been mentioned in the guide.
	Signifies a Note.

	Signifies a Tip.
<h2>Options commonly used across menu items</h2> <p>The following are common actions used across various menu items:</p>	
Exit	Displays the previous screen. Use the Right Selection key to perform this function.
Clear	Deletes data character by character. Use the Right selection key to perform this function.
OK	Confirms an action. Use the Left Selection Key or the Menu key to perform this function.

Your safety guidelines

Please read and understand the following safety guidelines before you use the phone. These guidelines provide details to enable you to operate your phone safely and conform to any legal requirements regarding the use of cellular phones.

	<p>Do not use the phone at a refuelling point. Observe restrictions when using radio equipment at fuel depots, chemical plants or where blasting operations are in progress.</p>		<p>Adhere to road safety laws. Do not hold/use a phone while you are driving; find a safe place to stop first. Do not speak into a hands-free microphone while you are driving.</p>
	<p>Electrical interference may obstruct the use of your phone.</p>		<p>Observe restrictions in hospitals and near medical equipment.</p>
	<p>Switch off your cellular phone when in an aircraft. Wireless phones can cause interference or danger to an aircraft.</p>		<p>Avoid using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.</p>
	<p>Do not expose the battery to high temperatures (in excess of 60°C).</p>		<p>Use only Sonim XP1(bt) approved charging equipment to charge your phone and avoid damage to your phone.</p>
	<p>The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end-of-life.</p>		<p>The Sonim XP1(bt) is water-resistant, dust-resistant and rugged. However, it is not water-proof, dust-proof or incapable of being broken if dropped or thrown. For best results one should protect the XP1(bt) from moisture, dust and strong impacts.</p>
	<p>Ensure that only qualified personnel install or repair your phone.</p>		<p>Make back-up copies of important information stored in your phone or maintain a written record.</p>

Battery care

Battery performance

A rechargeable battery powers your device. Use the battery only for its intended purpose. Never use any charger or battery that is damaged. If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times but it will eventually wear out. Unplug the charger from the electrical plug and the device when not in use. Do not leave the fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

Battery replacement

When the talk and standby times are noticeably shorter than normal, replace the battery with an original Sonim battery. If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger and then disconnect and reconnect it to begin charging the battery.

Avoid short circuit

Do not short-circuit the battery. An accidental short-circuit can occur when a metallic object such as a coin, clip, or pen

causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. A short-circuit at the terminals may damage the battery or the connecting object.

Avoid high temperatures

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Battery disposal

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations and recycle when possible. Do not dispose as household waste. Do not dismantle, open or shred cells or batteries. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. In the event of leak or a hazard seek medical help immediately.

More safety information

Personal medical devices

Mobile phones may affect the operation of cardiac pacemakers and other implanted equipment. Please avoid placing the mobile phone over the pacemaker, for example, in your breast pocket. When using the mobile phone, place it at the ear opposite the pacemaker. If a minimum distance of 15 cm (6 inches) is kept between the mobile phone and the pacemaker, the risk of interference is limited. If you have any reason to suspect that interference is taking place, immediately turn off your mobile phone. Contact your cardiologist for more information. For other medical devices, please consult your physician and the manufacturer of the device.

Comply with instructions to switch off the device or deactivate the RF transmitter function when asked to do so, especially when posted in hospitals and aeroplanes. Equipment used in these places may be sensitive to radio waves emitted from the device and adversely affect their operation.

Likewise, observe restrictions at gas stations or other areas with flammable atmosphere or when close to electro-explosive devices.

Child safety

Do not allow children to play with your mobile phone or its accessories. Keep it out of their reach. They could hurt themselves or others, or could accidentally damage the mobile phone or accessories. Your mobile phone and its accessories may contain small parts, which could be detached and create a choking hazard.

Emergency calls

Mobile phones operate using radio signals, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any mobile phone for essential communications (e.g. medical emergencies).

Emergency calls may not be possible in all areas, on all cellular networks, or when certain network services and/or mobile phone features are in use. Check with your local service provider.

SAR certification

When communicating over the wireless network, the mobile phone emits low radio waves known as radio frequency energy or RF. The Specific Absorption Rate or SAR is the unit used to measure the amount of RF energy absorbed by the body while using the phone and is expressed in watts/kilogram. In compliance with the product standards in EN 50360:2001, the allowed limit of SAR averaged for 10g tissue is 2.0 (W/kg).

The localised (SAR) of the portable XP1(bt) device has been measured in all cases as requested by the relevant international standards. The maximum localised SAR value for which the device has been tested and certified for specific exposure limits and different network bands is given below:

Maximum SAR

GSM900 MHz Band

0.604 W/kg Head SAR

0.204 W/kg Body SAR

DCS1800 MHz Band

0.219 W/kg Head SAR

0.137 W/kg Body SAR

You can reduce the exposure of the human body to RF energy by keeping the phone at a distance of 1.5 cm from the head/body position. For example, by using a handsfree headset.

Getting started

Battery information

Battery usage

- ◆ Use only an XP1(bt) certified battery, charger or any other accessories that are designed for this phone model.
- ◆ The use of other batteries, chargers and accessories may void the warranty terms of your phone and cause damage.
- ◆ Do not subject the battery to extreme temperature environments and protect it from moisture.
- ◆ Please keep the battery out of the reach of children.

Insert and remove the battery

1. With the back of the phone facing you, turn the battery cover knob counter-clockwise, to open the battery cover (as shown in the figure).



Open the battery cover



Sometimes, the battery cover may be tight and some extra effort is required to open it.

2. Lift the flap that covers the battery.
3. Insert the battery flush into the battery slot such that the three metallic contacts at the top of the battery are aligned with the metallic contacts within the battery compartment.
4. Place the cover back and turn the battery cover knob clockwise to lock the battery cover.
5. To remove the battery, lift the flap behind the phone and raise the lower end of the battery from the slot. The battery can now be removed.



Lift the battery cover



Insert battery

Charge the battery


The battery delivered with your mobile phone is not fully charged. We recommend that you charge your mobile for three hours before you use your mobile phone for the first time.



Charge battery

1. Insert the charger plug into a 220V AC power outlet.
2. Align the charger connector with the USB socket at the bottom of the phone and insert it.
3. If the battery is being charged when the phone is switched off, only the battery icon with the message **Charging** is displayed (as shown in the adjacent figure). When the battery has been fully charged, the message **Completed** is displayed.
4. If the battery is being charged while the phone is switched on, you will notice that the bars in the battery



charge icon  (visible on the home screen) show movement indicating that the battery is being charged. After the phone is fully charged the battery bars on the display stop scrolling. You can safely disconnect the charger from the phone.


5. After the charging process has begun, the only way to stop charging is to disconnect the charger. If possible, use a power jack that is easy to plug and unplug.



Vibrate mode is automatically disabled when the charging cable is inserted into the USB socket.

Set battery alert

When you set the battery alert, every time the battery charge is low you hear an alarm.

1. To set the battery alert select **Menu > Quick settings > Normal > Personalize > Battery alert > On** or, press **Menu** key to select the checkbox beside Battery alert to activate the alert.
2. Select **Exit** to go to the previous screen or press  to return to the home screen.

For more information on alerts, refer "Personalize your phone" on page 79.

Your SIM card

Purchase a SIM card from your mobile operator. Your SIM card stores your phone number and user registration information. The SIM card can be used in any GSM phone. Your phone number and user registration information always remain the same.

Insert the SIM card

1. Ensure the phone is switched off.
2. Lift the battery cover and remove the battery. For instructions refer "Insert and remove the battery" on page 7.
3. Place the SIM card in the designated slot located at the lower end of the phone.
4. Slide the silver clip over the SIM card to hold it securely (as shown in the figure B).



Insert SIM card

5. Replace the battery and the cover. Turn the battery cover knob clockwise to lock the battery cover.

Remove the SIM card

1. Ensure the phone is switched off.
2. Lift the battery cover to remove the battery. Refer instructions in the section "Insert and remove the battery" on page 7.
3. Slide the silver clip upwards and remove the SIM card.
4. Replace the battery and the cover.

Key operations without your SIM card

1. Press the **Menu** key to enter the main menu.
2. Select **SOS > Call** to contact the Emergency service.



Parts of the XP1(bt) phone

The XP1(bt) keypad has seven function keys and 12 alphanumeric keys. The right side of the phone has three keys the largest of which is known as the PTT key:



XP1(bt) at a glance

- | | |
|-----------------------|------------------------|
| 1. Ear piece | 8. Charger port |
| 2. Display screen | 9. Microphone |
| 3. Menu key | 10. Headset port |
| 4. Volume keys | 11. Loud speakers |
| 5. PTT key | 12. Battery cover |
| 6. Function keys | 13. Battery cover knob |
| 7. Alpha-numeric keys | |

XP1(bt) keypad

The various keypad keys and their corresponding functions are described in the following figure.



Keypad functions

Function keys

1. Navigation arrow keys (Up/Down/Left/Right)
2. Right Selection Key (RSK)
3. Menu key
4. Power On/Off/End call
5. Call accept/Send
6. Left Selection Key (LSK)

Numeric keys

7. Press and hold for voice-mail
8. Press and hold to switch on and switch off the loudspeaker during a GSM call. Press and hold in standby mode to display Call Alert Type menu.
9. Press and hold to lock/unlock the keypad
10. Press and hold to turn on/off silent mode.
11. Press and hold to display + (before dialling an international number)



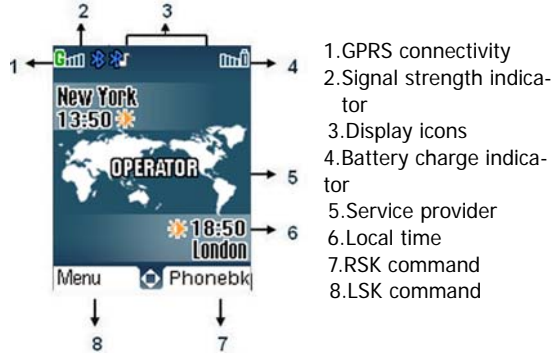
Based on customization request, some of the keys may be mapped to other shortcuts than those represented above. You can also change many of the shortcuts via **Menu > Settings > Phone settings > Shortcuts**.

The alpha-numeric keys comprise numbers from one to zero, alphabets from A-Z, plus [*] and [#] keys. By pressing the designated key you can input numbers or characters. Choose the appropriate text input option to enable you to use these keys efficiently. For more information on text input modes refer section. "Text input mode" on page 35

Standby mode

Certain information is displayed when the phone is in standby mode, for example, the name of the service provider, date and time, battery charge status, GPRS connectivity. Other indicators may be displayed (if the feature is activated), like the alarm, call forward etc.

The device with a fully-charged battery can remain in the standby mode for a duration of 200 hours.



Standby screen

1. GPRS connectivity
2. Signal strength indicator
3. Display icons
4. Battery charge indicator
5. Service provider
6. Local time
7. RSK command
8. LSK command

Operations in standby mode

The following can be accessed from the home screen when the phone is in standby mode or when the phone is not in use.

Press	To access
Up arrow	Call list
Down arrow	Phone book list
Right arrow	Write Message
Left arrow	WAP options

Press	To access
Menu key	Main menu
Left Selection key	Main menu
Right Selection key	Phone book
Call accept/Send key	Outgoing calls list



The four functions that are performed using the arrow keys are set as factory defaults, however they can be changed. You can also configure new shortcuts. For more information on shortcuts refer page 21.

Basic settings

When you have switched on your phone the name of the service provider is displayed.

Security settings

1. To prevent unauthorised use of your phone, you can set a PIN code. In order to change the PIN, the default PIN 0000 should be activated first. Once this PIN is activated, then only the PIN can be changed to the user's chosen PIN.
2. Select **Menu** > **Settings** > **Security settings** > **PIN code** > **On** > **OK**. After this is set, every time you power on the phone, you will be requested to enter the PIN. If the PIN code is wrong you cannot access the phone.

3. To change the PIN code select **Menu** > **Settings** > **Security settings** > **Change code** > **OK**. You can change codes for PIN, PIN2 and Call barring.

Date and time

1. To set the Date and Time, select **Menu** > **Settings** > **Date and time** > **OK**.

Auto keypad lock

1. To lock the keypad, select **Menu** > **Settings** > **Phone settings** > **Auto keypad lock** > **OK**. You can choose to switch it off or enable the feature.
2. Alternatively press and hold the **'*'** key to lock and unlock the keypad.





Silent mode





In the silent mode, the alerts for Calls, Organizer, SMS and battery status are disabled.









1. Select **Menu** > **Quick settings** > **Silent** > **OK** > **Enable**.

Keypad functions

The following table displays the various keys and the corresponding functions they perform:

Keypad key	Operation
 Power On/Off/End call	<ul style="list-style-type: none"> ◆ Press and hold to switch on or switch off the mobile phone. ◆ Press when in Menu or Edit modes to return to Standby mode. ◆ Press to end a call. ◆ Press to reject an incoming call.
 Accept/Send	<ul style="list-style-type: none"> ◆ Press to answer an incoming call. ◆ After entering a phone number, press to make a call. ◆ Press and hold to make an IP call, provided the IP number is set. ◆ Press while in Standby mode to access Outgoing calls list.
 LSK/RSK	<p>These keys are present immediately below the display screen.</p> <ul style="list-style-type: none"> ◆ Press the Left Selection Key (LSK) or Right Selection Key (RSK) to select the function indicated at the bottom of the screen. <p>The indicated functions can vary according to different program definitions.</p> <ul style="list-style-type: none"> ◆ Press LSK to access the main menu, in standby mode. ◆ Press RSK to access the Phone book, in standby mode.
 Menu key (centre)	<p>Present at the centre of the navigation keys.</p> <ul style="list-style-type: none"> ◆ Press while in standby mode to enter the main menu. ◆ Press when required to be used as a toggle key to select or clear a checkbox. ◆ Press to perform similar tasks as the Left Selection Key. ◆ Press to select the OK command. ◆ Press and hold to mute the ringing of an incoming call.

Keypad key	Operation
 <p data-bbox="245 325 397 348">Navigation keys</p>	<p data-bbox="512 161 1436 210">The Left and Right Selection keys, Power On/Off and Pickup keys surround this key group. There are arrows on the key that denote the direction to scroll for information displayed on the screen.</p> <p data-bbox="512 225 608 247"><i>Up/Down</i></p> <ul data-bbox="512 266 1187 381" style="list-style-type: none"> ◆ Press to view the target characters by pages in the text editor. ◆ Press to browse menus/lists at the same level. ◆ Press to view the previous or next picture when previewing pictures. ◆ Press to increase or decrease the volume during a call. <p data-bbox="512 400 612 423"><i>Left/Right</i></p> <ul data-bbox="512 442 1445 624" style="list-style-type: none"> ◆ Press to move the cursor left or right in the text editor. ◆ Press to browse the main menu. ◆ Press to turn to previous or subsequent pages when browsing the contacts in the address book. ◆ Press to view the previous or next picture when previewing pictures. ◆ Press the Left navigation key during a call, to mute or unmute the phone. ◆ Press the Right navigation key during a call to switch on/off the handsfree mode.
<p data-bbox="245 667 373 689">Numeric keys</p>	<ul data-bbox="512 631 1445 717" style="list-style-type: none"> ◆ Press the required keys to enter the desired phone number and press  to make a call. Alternatively enter the number and select Options to Dial the number. ◆ Press and hold any numeric key to create shortcuts from the available options.
	<ul data-bbox="512 732 1094 790" style="list-style-type: none"> ◆ Press and hold in standby mode to access your Voice mail. ◆ When entering text, press to enter spaces.
	<ul data-bbox="512 852 1054 880" style="list-style-type: none"> ◆ Press and hold to set the ringtones for incoming calls.

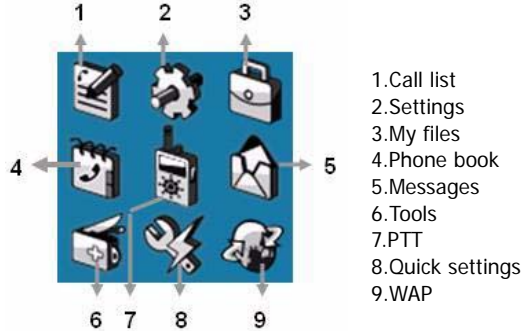
Keypad key	Operation
	<ul style="list-style-type: none"> ◆ Press and hold to switch on and switch off the loudspeaker during a GSM call. Press and hold in standby mode to display Call Alert Type menu.
	<ul style="list-style-type: none"> ◆ Press and hold to set the Alarm.
	<ul style="list-style-type: none"> ◆ Press and hold to display the calculator.
	<ul style="list-style-type: none"> ◆ Press and hold to display the Bluetooth menu.
	<ul style="list-style-type: none"> ◆ Press and hold to display the languages screen.
	<ul style="list-style-type: none"> ◆ Press and hold to display '+' used for dialing an international number. ◆ Press to switch between lower case, upper case or auto case, when entering text.
	<ul style="list-style-type: none"> ◆ Press and hold to lock the keypad. Use it as a toggle key to lock and unlock the keypad. ◆ When entering text, press to display special characters, for example, period, comma etc.
	<ul style="list-style-type: none"> ◆ Press and hold in standby mode to switch between Silent on/off modes. ◆ When entering text, press to switch to different character input modes for example, T9, abc and 123.

Your XP1(bt) phone

This model is a bar type phone with a single LCD screen. The graphic field of the screen is 128 (w) and 160 (h) pixels. The CSTN technology used displays 65K colours.

Main menu

To access the main menu press the **Menu** key or press the **Left selection key** to display the main menu which comprises the following nine items:



Main menu icons











When PTT is disabled, the phone main menu will display the SIM toolkit icon instead of the PTT icon.







Home screen indicators







The home screen indicators are visible when the phone is in standby mode. Some icons indicate the status of certain components of the phone, for example, the battery charge indicator, the network status indicator, the date and time etc. Some icons are displayed only if the specific service is activated.




The following table describes the display indicators available in the XP1(bt) phone:

Display indicators	Name	Description
	Battery	Four clear bars indicate maximum battery charge. Opaque bars indicate decline in battery charge.
	Roaming	This icon is only displayed when your phone is registered with a non-home network.

Display indicators	Name	Description
	GPRS/PTT	G displayed in green indicates that GPRS is active.
	GPRS/PTT	G displayed in red indicates that GPRS is inactive.
	GPRS/PTT	P displayed in green indicates that the GPRS is active and you have logged on to the PTT service.
	GPRS/PTT	P displayed in red indicates that the GPRS is active, but you have not logged on to the PTT service.
	Voicemail	Indicates that there are new voicemail messages.
	Alarm Clock	Indicates that the alarm clock has been set.

Display indicators	Name	Description
	Vibrate	Indicates that the Vibrate mode is turned on.
	Call Forward	Indicates that the Unconditional Call forward function is enabled.
	Silent	Indicates that the phone is on Silent mode.
	Missed calls	Indicates that there are missed or rejected GSM, or PTT calls.
	Navigation arrows	Indicates the available directions for navigation and is always displayed at the bottom of the screen.
	Event reminder	Reminds you of a new event.

Display indicators	Name	Description
	Unread message	Indicates that there are unread messages in the SMS inbox.
	SMS memory	Indicates that the SMS memory is full.
	WAP alert	Indicates a new WAP PUSH message.
	Black list	Indicates that the black list filter has been enabled.
	White list	Indicates that the white list filter has been enabled.
	Bluetooth connectivity	Indicates that the Bluetooth is active.

Display indicators	Name	Description
	Bluetooth Car Kit/ headset connectivity.	Indicates that your device is paired and connected to a Car Kit or headset with bluetooth connectivity.
	Mute	Indicates that the speaker is turned off and incoming talk burst is muted.
	Unmute	Indicates that the speaker is turned on and incoming talk burst is received.

Settings

You can create and modify various settings on your XP1 (bt) phone.

1. On the Standby screen select **Menu > Settings** to display the options.

Ringer settings

You can set different tunes for your incoming calls, SMS alerts, alarms and PTT (if PTT is enabled in your phone).

Separate tunes can also be set for different caller groups that are maintained in the phone book, for example, family, friends et al. This helps you to identify callers of a specific group.

You can choose between Standard tunes (pre-recorded factory tunes) or Own melodies (downloaded via WAP, personal recordings or files transferred via Bluetooth)

1. To set ring tunes for incoming calls, select **Menu > Settings > Ringer settings > Incoming calls > OK > Colleague... > OK.**
2. Choose between Standard Tunes or Own melodies and select **OK.** Select **Exit** to move to the Incoming call screen.

You can similarly set ring tunes for PTT calls, SMS alerts and alarms. For more information refer "Personalize your phone" on page 79.

Phone settings

1. Select **Menu > Settings > Phone settings > OK.**

The phone settings displayed are:

- ◆ **Auto power:** switches off and switches on the phone automatically, at the specified time set by you.
- ◆ **Welcome text:** allows you to create the welcome text that is displayed when the phone is switched on.
- ◆ **Idle screen:** has the following two settings:
 - Idle screen type:** allows you to set the Standby screen display to Digital, Analog, Month view (calendar view) or Universal time modes.

Wallpaper: allows you to set the background screen display using the embedded pictures available in your phone or from your own pictures that you have downloaded on to your phone. The selected wallpaper is displayed on the standby screen only if you select **Digital** as the idle screen type.



Images of all size are displayed in the Own pictures folder but only the images of type .jpg with image resolution less than or equal to 128 x 160 can be set as wallpaper.

- ◆ **Color theme:** allows you to set the colour theme for the main menu and the related screens. There are three themes available.
- ◆ **Languages:** displays all the phone menu options and text in the selected language. For example, choose English to display all menu items, text messages etc. in English. The other languages available on this device are, Spanish, German, French, Danish, Chinese, Dutch, Swedish, Greek, Russian, Polish, Finnish, Hungarian, Czech, Norwegian and Italian. The list of languages depends on the bin.
- ◆ **Backlight:** keeps the screen display active for the period chosen by you. The duration could be 30 seconds, a minute or three minutes.

- ◆ **Shortcuts:** allows you to assign a hotkey for a specific function.
 1. To set a shortcut, select **Menu > Settings > Phone settings >** scroll to **Shortcuts > OK**. On the shortcuts screen, select a key, choose from the list of empty keys displayed and select **OK**. The list of options is displayed. Choose an option, for example, **SMS > OK**. The shortcut is set.
 2. To cancel a shortcut select **Menu > Settings > Phone settings >** scroll to **Shortcuts >** (for example, **SMS > Empty > OK**). The shortcut is cancelled.

Network settings

This relates to various network related settings. You can choose your network, specify the network account, indicate whether GPRS is required at all times and so on.

Select **Menu > Settings > Network settings > OK** to display the network settings.

- ◆ **Preferred networks:** has a list of options which will enable you to view a list of available networks, allows you add a new network or delete an existing network. These options are available, if provided by your service provider.

Show list

Displays a list of preferred network providers. Scroll to a network and **Select**. The preferred network is displayed at the top of the list.

Delete list	Removes a network provider from the existing list.
Available networks	Locates and displays the network providers available to you.
Add existing	Displays a list of existing network providers. Allows you to add a network provider list. Select Add to add a network provider to the preferred networks list.
Add network code	Allows you to enter the code applicable to a network, typically required when using the roaming service. The saved PLMN (Public Land Mobile Network) is added to the preferred networks list.

- ◆ **Attach GPRS:** permits continuous GPRS connectivity when the option **Always attached** is selected. Select **Attached during PDP session**, if you want GPRS connectivity only when required.
- ◆ **Register again:** allows you to register your phone to a different network. This option works only when **Search Mode** is set to **Manual**.
- ◆ **Network account:** is used to connect to the GSM or GPRS network. Contact your service provider to change the existing factory profiles and to acquire the correct parameter updates. Connection errors are

caused due to wrong parameters. Certain predefined profiles may be locked to prevent re-configuration.

The following options are dependent on your network operator and the service you have requested.

1. On the Network account screen, choose a network account and select **Option > View > OK** to view the network account information.
2. Select **Option > Edit > OK** to modify the following account information.
 - ◆ **Account name:** allows you to rename the selected network account.
 - ◆ **Bearer:** allows you to choose from two protocols for WAP service. You can either choose GSM only or GPRS only. GPRS is required to access the WAP service.
 - ◆ **GSM settings:** The following GSM settings can be configured:
 - Data call type:** choose between ISDN and Analogue.
 - Phone number:** enter the number you need to dial. When your phone connects to the Internet, it will dial this number automatically.
 - User name:** the user name required to log in to the WAP server.
 - User password:** the corresponding password that enables you to log in to the WAP service.
 - ◆ **GPRS settings:** configures the settings for APN (Access Point Name - a requirement for GPRS), User

name and User password required to log in to the WAP/data server.

- ◆ **Search Mode:** select **Automatic** to set the phone to automatically select a cellular network available in your area, or select **Manual** to set the network manually.

Manage the phone book

You can use the phone book to maintain phone numbers of your contacts. This feature enables you to add, delete, dial phone numbers and send SMS messages.



When you switch on the phone, it takes sometime for the phone book to initialise. Wait till you can use the phone.

To access the phone book, on the home screen select **Phonebk**, or select **Menu** > **Phone book** > **Select**. The list of phone book options is displayed.

Alternatively to directly access the phone book list and its allied options, press the **Down navigation** key to display the Phone book list.

Add a new number

To add new number:

1. Select **Phonebk** > scroll to **Add New** > **OK**. Enter the Name and Phone number and select **Save**.

Alternatively, you can directly enter a number and select **Option** > **Save**. Enter the Name of the contact and select **Save**. The new number is updated in the Phone book list.



To enter a symbol for email address, press **1** repeatedly till you get the desired symbol. For example, press **1** thrice to display '@' and press **1** four times to display '._'.

Select phone book memory

1. On the home screen select **Phonebk** > scroll to **Select memory** > **OK**.
2. Select either **SIM card** or **Phone** as the memory type to store the new number and select **OK**. Select **Exit** to revert to the Home screen.



The SIM card stores the name and number of the contact, while the phone memory additionally stores other contact details like, name, contact number (including mobile, office, home and fax), email and postal address.

Send a namecard

A namecard contains contact details of an individual. You can send a namecard either from the **Search** option or the **View list** option in the Phone book. You can opt to send the namecard by SMS or by Bluetooth.

To send a namecard by SMS:

1. Select **Phonebk > View list > OK**.
2. Scroll to the contact name and select **Option > Send namecard > OK > Send by SMS > OK**.
3. Enter the recipient's contact number, select **Option > Send now**.

Select one of the following options to send the namecard information.

- ◆ **Phonebk:** option to select the contact to whom the namecard is to be sent.
- ◆ **Group:** option to select the group of contacts to whom the namecard is to be sent.
- ◆ **Send now:** sends message instantly.
- ◆ **Send & save:** option to send the message and save it.
- ◆ **Save:** option to store the message.
- ◆ **Save as user defined:** allows you to save the namecard information for reuse.

Add icon: allows you to insert an image from the existing emoticon folder.

To send a namecard by Bluetooth:

1. Select **Phonebk > View list > OK**.
 2. Scroll to the contact name and select **Option > Send namecard > Send by Bluetooth > OK**.
 3. Select the paired device to which you want to send the namecard.
 4. If the device is not paired, select **Scan more...** and then select the device.
- ◆ When the other device accepts the namecard, **Object sent** message will be displayed.

Edit or delete phone records

◆ To edit a record

On the home screen select **Phonebk > View list > OK**. Scroll to the contact you want to edit and select **Option > Edit > OK**. Make the changes and select **Save**. The record is edited and the updated Phone book list is displayed.

◆ To delete a record

On the home screen select **Phonebk > View list > OK**. Scroll to the contact you want to delete and select **Option > Delete > OK**. To confirm the deletion select **OK**. The updated Phone book list is displayed.



You can also use the Search option to locate a contact name and then edit or delete the record.

- ◆ **To delete all records in the SIM memory**

On the home screen select **Phonebk > Advanced > OK > Delete all SIM records > OK**.

- ◆ **To delete all records in the Phone memory**

On the home screen select **Phonebk > Advanced > OK > Delete all phone records > OK**.

Copy or move numbers to other lists

- ◆ **To copy all records from SIM card to Phone memory**

Select **Phonebk > Advanced > OK > Copy all from SIM to phone > OK**.

- ◆ **To copy all records from Phone memory to the SIM card**

Select **Phonebk > Advanced > OK > Copy all from phone to SIM > OK**.

- ◆ **To move all records from SIM card to Phone memory**

Select **Phonebk > Advanced > OK > Move all from SIM to phone > OK**. Moved records get deleted from the source location. All the records moved from the SIM card will not be available in the SIM memory thereafter.

- ◆ **To move all records from Phone memory to SIM card**

Select **Phonebk > Advanced > OK > Move all from phone to SIM > OK**. All records moved from the Phone book to the SIM memory will only have the details related to Name, Mobile number, Office number, Home number, Fax number and Pager number. Other details related to Group, Email, Postal address, postal code and Notes of contacts will be stored in the phone memory with the @ symbol.

Manage personal information

1. Select **Phonebk > Own info > OK > Edit own info > OK**.

Enter your Name and other personal details such as Mobile number, Office number, Home number, Fax number, Pager number, Email, Postal address and Postal code. Use the **Down navigation key** to move to each field.

2. To delete your information select **Phonebk > Own info > OK > Delete own info > OK**.
3. To mail your information to another person, **Phonebk > Own info > OK > Send own info > OK**.
4. To view your own information select **Phonebk > Own info > OK > Display own info > OK**.

Phone book memory

You can store records in both phone memory and SIM card. Phone memory has the capacity to store upto 500 records and the SIM memory depends on the SIM provider.

To verify the memory status, select **Phonebk** > **Memory status** > **OK**.

Store the IP service number

You can store your IP service number and relieve yourself of the trouble of entering it each time you make an IP call.

1. To store the IP number select **Phonebk** > **IP number** > **OK**. Enter the IP number and select **Save**.




You can make IP calls only if your network operator supports IP service numbers.

Make calls


Before making a call you must ensure the following:

- ◆ Keypad is not locked.
- ◆ A valid SIM card is installed.
- ◆ Phone battery is charged.
- ◆ Phone is switched on and the network operator's name is displayed.

Dial a number

1. Use the numeric keys to enter the number and press the **Send** key .
2. Alternatively you can enter the desired phone number and select **Option > Dial > Dial > OK**.



Dial an international number

1. Press and hold the numeric key **0** till the + symbol is displayed. Enter the Country code, Area code (without **0**) and the phone number and press  or select **Option > Dial > Dial > OK**.

Dial a number via phone book

You can dial a number directly from the Phone book list or either from the Search option or the View list option in the Phone book.

To locate a phone number:

1. On the home screen select **Phonebk > Search > OK**. Enter the name or the number (Press **#** to switch between numeric and text input modes) and select **OK**.
OR
Select **Phonebk > View list > OK**.
2. When the Search option is used, the specified name is displayed. Press  to dial the number or select **Option > Dial > Dial > OK**. Select **End** to disconnect.
3. When the View list option is used, from the displayed list, choose the contact you want to call press  or select **Option > Dial > Dial > OK** to make a call. Select **End** to end the call.

Dial a number via the call list menu

This Call list comprises separate lists for Outgoing, Answered and Missed calls.

In this menu you can view the list of calls, delete an entire list of calls and review call information related to cost, duration, time of call etc.

1. To access the Call list select **Menu > Call list**. All the available call lists are displayed.
2. Choose a list and select **OK** to view the list of calls within a list, for example, Outgoing calls list.

3. Choose a contact and select **OK** to view the date and time of the call.

Contacts within the call list have the following options:

- ◆ **Dial:** displays dial options from which to choose.

IP dial	Dials a number through the IP network.
Dial	Dials a GSM number.
IP Handsfree	When you dial a number through the IP network, you can talk using the speaker.
Handsfree dial	You can talk using the speaker.

- ◆ **Send SMS:** sends an SMS message to the specified contact. Select **Option** to view the SMS options.
- ◆ **Send phone number:** displays your phone number to the recipient.
- ◆ **Delete:** deletes the contact number from the Call list.
- ◆ **Check number:** displays the contact number of the caller.
- ◆ **Save:** prompts you to save the name and number of the contact. Enter the name and select **Save**. This option is absent for contacts already saved in your contact list.

Speed dial



This option enables you to dial a number quickly via a shortcut.

1. On the home screen, select **Phonebk > View list > OK**. Scroll to select the number from the View list.
2. Select **Option > Speed dial > OK**.
3. Choose a hotkey and select **OK** to set the shortcut.
4. To dial the number, just press and hold the designated shortcut key.




If you use IP Dialing and have already entered an IP number in the Phone book, the phone will automatically add the service number before the number you entered, and place the call.

Receive a call

1. To receive a call, press the **Accept key**  (this key is used to send and accept a call).
2. To reject a call press the **Power on/off key** .
3. To receive another call while you are already speaking, the call waiting feature for GSM calls should be enabled via the **Settings** menu. For details on how to enable Call waiting facility, refer "Call waiting" on page 30.

Any key answer

When enabled, you can press any key except  to answer a call.

- To activate this feature, select **Menu > Settings > Call settings > Anykey answer > On** or press the **Menu** key to select the checkbox and activate the feature.

Forward a call


If you are not available or choose not to answer a call, you can use this function to forward your incoming calls to a new number or an existing number in the Phone book list, provided your network operator supports this service.

- To access Call forward settings select **Menu > Settings > Call settings > Call forward > OK**.

The Call forward options are mentioned below:

Call Forward option	Function
Unconditional	Forward all incoming calls to a pre-designated number.
If busy	Forward calls when your phone is busy.
If no reply	Forward calls when you do not answer the incoming calls.

Call Forward option	Function
If unreachable	Forward calls when you have switched off your phone or when you are out of coverage call.
Cancel	Withdraw the Call forward option.
Status	Check the current Call forward status.

When Unconditional Call forward is enabled, the icon  is displayed at the top of the screen when the phone is in standby mode.

Call barring

You can set Call barring facility for outgoing calls, international calls, local calls and all incoming or roaming incoming calls.

- To set Call barring settings select **Menu > Settings Call settings > OK > Call barring > OK**.
- Enter a restriction password. (Your network operator provides this before you use this function). This password will be sent to the network for verification.
 - ◆ **Cancel barring:** when you cancel the call barring facility you are prompted to enter a restriction password again. If the password is correct, your phone will contact the network to disable this function.

- ♦ **Barring status:** when you check the status, your phone will send a request to the network and the feedback will be displayed on your screen.

Call waiting

This facility can be used for GSM calls.

GSM calls

When Call waiting is enabled or turned on and your phone is in conversation, the message [Call waiting from...](#) is displayed when you receive an incoming call.

1. To enable call waiting facility, select **Menu > Settings > Call settings > Call waiting > GSM call > On > OK**.
2. To cancel the call waiting facility, select **Menu > Settings > Call settings > Call waiting > GSM call > Off > OK**. You will not be prompted when you receive an incoming call while your phone is busy. The caller will receive a busy signal.
3. To verify the call waiting status, select **Menu > Settings > Call settings > Call waiting > GSM call > Status**.

GPRS calls

If the call waiting facility is enabled and you receive a GSM call while you are in a GPRS session (for example browsing the Net via the WAP service), the number of the caller is displayed on your phone. You can choose to accept or reject the call. If you accept the GSM call, the WAP session closes.

If you reject the incoming call, you continue with the WAP session.

1. To set Call waiting facility select **Menu > Settings > Call settings > OK > Call waiting > GPRS Call > OK > On/Off > OK**.

Auto redial

When enabled, your phone will automatically redial within a set interval, if a call does not connect.

1. To enable this function select **Menu > Settings > Call settings > Auto redial > On**.

OR

Use the **Menu** key as a toggle key to select and clear the checkbox beside the Auto redial option to enable and disable the function.

2. When you redial a number, you are prompted with the message **Redial?** Select **OK** to redial, select **Exit** to come out. If in the meantime you begin to make a call, the phone automatically quits redialing.

Auto answer

When enabled your incoming calls will automatically be answered.

1. Select **Menu > Settings > Call settings > Auto answer > On**.

OR

Use the **Menu** key as a toggle key to select and clear the checkbox beside the Auto answer option to enable and disable the function.

Filter calls

This function enables you to avoid receiving unnecessary calls. Phone numbers of calls you do not want to answer can be placed in the "black list" while phone numbers of calls you want to answer can be placed in the "white list".



At a point of time, you can enable either Black list or White list. When White list is enabled, only the contacts in Whitelist can reach you. When Black list is enabled, all other contacts except the ones in the Blacklist can reach you.

When a contact number is added to Black list or White List, the new number should be prefixed by '+' followed by the country code.

1. To enable this function select **Menu > Settings > Call filter > OK**.

Black list calls

In this menu you can add, search for, change and delete numbers that you do not want to answer. This menu has two submenus: Add and Search.

Add to black list

1. To add a number to the black list, on the Call filter screen, select **Blacklist > OK > Add new > OK**. Two options are displayed:
 - ◆ **New number:** Allows you to enter a new number to be stored in the black list.
 - ◆ **Phone book:** Allows you to open the phone book list to select and transfer a number to the black list.



To add '+' and country code to a number in black list, select **Black list > Search > OK > scroll to and select the number > Option > Change > prefix the number with '+' and country code > OK**.

Search for black listed numbers

1. To locate a black listed number, on the Call filter screen, select **Blacklist > Search > OK**.
2. Scroll to a number and select **Option > Change > OK** to modify a number or select **Option > Delete > OK** to remove a number from the black list.

White list calls

This list contains phone numbers of persons you want to call. The options are similar to that of Black list calls. Refer “Black list calls” on page 31.

Call filter settings

You can enable or disable the call filter settings.

1. On the Call filter screen, select **Call filter settings** > **OK**.
- ◆ **Enable black list:** rejects all incoming calls from numbers in the black list.
- ◆ **Enable white list:** allows incoming calls from numbers listed in the white list, and rejects incoming calls from numbers that are not available in the list.
- ◆ **Close filter:** disallows filtering of incoming calls.

Other call settings

- ◆ **Minute reminder:** when enabled prompts you at the 50th second of every minute during a conversation.
Select **Menu** > **Settings** > **Call settings** > **Minute reminder** > **On**.
 - ◆ **Send ID:** when enabled displays your ID to the recipient when you call or send a message. However this service must be supported by your network.
1. To enable this option, select **Menu** > **Settings** > **Call settings** > **Send ID** > **OK**.

2. To view whether the option is enabled or not, select **Status** > **OK**.

Review call information

1. Select **Menu** > **Call list** > **Call meters** > **OK**. The following options are available:
 - ◆ **Last call:** displays the duration of the last call.
 - ◆ **Last GPRS call:** displays the transmitted bytes of the last GPRS service.
 - ◆ **Call timer:** displays the duration of all the incoming or outgoing calls. Select **Reset Timer** > **OK** to restart the counter or meter.
 - ◆ **Display cost:** if enabled, displays the duration and charges of the call. Disabled mode is the default mode.
 - ◆ If you want to enable this function, you need to acquire a PIN2 code from your network operator.
 - ◆ **Accum. charges:** this service is only available when your SIM card contains charging information. Use this service to configure or view all charge information related to your calls.

The following can be configured:

Show cost

Displays total charges of all outgoing and incoming calls since the last reset.

Reset charge count	Resets the counter to zero (protected by PIN2 code).
Show balance	Displays available balance.
Show limit	Displays maximum limit available.
Cancel limit	Cancels maximum limit available on charges (protected by PIN2 code).
Set limit	Sets maximum limit for charges (protected by PIN2 code).



If the charges exceed the maximum limit, you cannot make or receive calls. All chargeable calls will be disconnected automatically.

- ◆ **Call tariff:** displays the rate per call unit. This information is stored in the SIM card. You can also reset and set the rate.

Messages

SMS is a convenient and inexpensive means of communication. You can send a text message to other people via this service. You can use the SMS menu in your phone to send an SMS message to other mobile phones or any other equipment that can receive SMS.

To access the SMS function select **Menu** > **Messages** > **SMS**. The list of options is displayed.

Message settings

- To view or define settings for your messages select **Menu** > **Messages** > **SMS** > **Settings** > **OK**.

OR

Press the **Right navigation key** as a shortcut to the **Write message** screen.

- ◆ **Service number:** is provided by your service provider. This is the message centre number via which your messages are sent and received. This field can be edited. Messages cannot be sent if this field is left blank or if the service number is incorrect.
- ◆ **Status report:** enable this option to get a delivery confirmation for send messages. Use the **Menu** key to select the option and select **OK**. However, this option will be temporarily turned off when a long message is sent, for example a 4-page SMS.

- ◆ **Reply path:** if this option is enabled, messages that are sent to your inbox will be sent via your service centre rather than the sender's service centre. Use the **Menu** key to select the option and select **OK**.
- ◆ **Signature:** enable this option to set a signature that will be suffixed to your sent messages. Use the **Menu** key to select the option and select **OK**. Enter the signature and select **Save**. If your message exceeds the maximum number of characters, the signature automatically gets omitted from your message.
- ◆ **Validity period:** sets the period to store your messages in the message centre. Use the navigation keys to choose the time period. Options are available to set the validity period- 12 hrs/ one day/ one week or maximum. On expiry of the specified time period the messages are erased from the assigned memory.



The phone can send and receive messages upto 612 characters at a time. Messages with more than 612 characters are split into multiple messages and charges are applicable accordingly.

- ◆ **Memory:** enables you to choose the location for storing received messages. The messages could either be stored in the **SIM card** memory or the **Mobile phone** memory.

Text input mode

When you enter text, the input mode is displayed at the top right of the screen. Press and release the **#** key to view the different text input modes, such as, Conventional (Abc), Predictive (T9) and numeric (123).

In Conventional mode, you enter a letter by repeatedly pressing a key until the letter you want appears. In Predictive mode, instead of cycling through characters bound to keys, press each key only once. Numeric mode is used to input numbers.

Conventional text input

The traditional mode uses the multi-tap method to enter a character

1. To choose the input text for a character (abc / en T9 / 123), press and release the **#** key.
2. To switch between upper case, lower case or sentence case, use key **0**. When the sentence case is used, the letter which comes immediately after the characters full stop (.), exclamation mark (!) and question mark (?) automatically becomes capital.
3. To enter a character, press the numeric key repeatedly until the desired character appears on the screen. For example, to enter GOOD, in the text mode, press **4** once to display G, press **6** thrice to display O, and again press **6** thrice to display O and press **3** once to display D.
4. When editing text, to insert a space between characters or words, press **1**.

5. To erase a character select **Clear**.
6. To insert special characters, press ***** to display the first batch of special characters and press either the **Right** or **Down navigation key** to display the second and third batch of special characters. A numeric key is associated with a special character. Press the designated numeric key to enter the special character. For example, in batch one press **1** to display a period and in batch 2, press **1** to display open parenthesis '('.

Predictive text input

Converse to the Conventional mode, the Predictive text input mode requires to press a numeric key once for the required alphabet.

1. To choose the Predictive text input mode, press and release the **#** key till enT9 is displayed.
2. To enter text, press the numeric key with the required alphabet once. For example, to enter GOD, press the keys 4, 6 and 3 once, the word GOD is displayed in the text strip.
3. If the word you require is not displayed, use the navigation keys to locate the right word. If the word does not exist, choose the nearest word and build on it.
4. When the required word is displayed, press Key 1 or **Select** to accept the word to display it in the text pane.
5. To display the word along with a dot, press key 1 twice.
6. To insert special characters, press ***** to display them in the text pane.

For more information, refer point 6 of “Conventional text input” on page 35.

Write messages

1. To create a message select **Menu** > **Messages** > **SMS** > **Write message** > **OK**.
2. Enter the number and press the Down navigation key to move to the text pane

Or

Select a number from the Phone book list by pressing the **Menu** key or selecting **Option** > **Phonebk**. Scroll to and select the contact by pressing the **Menu** key, Select **Exit** to return to the text pane. The contact address is displayed in the To field.

3. Enter the message in the text pane. The text input mode is displayed at the top right of the screen. Press and release **#** to choose the appropriate text input mode.
4. After entering your message, press the **Menu** key **Send now** > **OK** to send the message.

Alternatively select **Option** > **Send now** ... > **OK** to send your message. Other options include:

- ◆ **Send & save:** Sends the message and saves a copy of the message.
- ◆ **Save:** saves the message in the memory.
- ◆ **Save as user defined:** saves the created message as a user defined SMS for reuse.

- ◆ **Add icon:** adds an emoticon in your message.
- ◆ **Insert defined SMS:** enables you to insert a predefined SMS message from the Defined message list.

Send an SMS via phone book

You can send an SMS message either from the Search option or the View list option in the Phone book.

1. To search for a phone number, on the home screen select **Phonebk** > **Search**.

Or

Select **Phonebk** > **View list** > **OK**.

2. If the Search option is selected, enter the phone number or the contact name and select **OK**. Press **#** to switch between numeric and text input modes.
3. Choose the contact and select **Option** > **Send SMS** > **OK**.
4. Enter the message and select **Option**. Choose an SMS option and select **OK** to send your message.

Call a number embedded in a received SMS

It is possible to call a number embedded in a received SMS.

1. Select **Messages** > **SMS** > **Inbox** > open the message.
2. Select **Option** > **Save number from text**. The number is displayed.

3. Select **Option > Dial**.

Manage your messages

Inbox

The Inbox stores and displays all the incoming messages.

1. To access the Inbox, select **Menu > Messages > SMS > Inbox > OK**. The Inbox displays a list of messages.
2. To straight away delete a message or all the messages, select **Option > Delete** or **Delete all** respectively.
3. To open a message, scroll to a message and press the **Menu** key.
4. After a message is opened other functions can be performed. Select **Option** to list the options.
 - ◆ **Reply**: sends a response to the sender of the message.
 - ◆ **Forward**: sends a message to another recipient. Select **Option > Phonebk** to select a recipient from the phone book list. Select **Option > Group** to select multiple recipients.
 - ◆ **Delete**: deletes a message after you have read it.
 - ◆ **Dial**: calls the number of the sender.
 - ◆ **Save number**: Adds the sender's number and saves it after you have entered the sender's name in the Phone book list.
 - ◆ **Move to phone**: moves the caller's number to the Phone book if the message is stored in the SIM card memory.

Unsent messages

Messages that have been saved to be sent later are stored in Unsent messages.

1. To access Unsent messages select **Menu > Messages > SMS > Unsent messages > OK**.
2. Select **Option** to display the delete options.
3. Press the **Menu** key to view the message.
4. Press **Menu > Option > Send now...** to send the message. If you have not stored the number, press **Menu > Option > Forward**. Enter the phone number, select **Option > Send now**.

Sent messages

Transmitted messages are stored in Sent messages folder if **Send & save** is selected while sending.

1. To access sent messages select **Menu > Messages > SMS > Sent messages > OK**.
2. Select **Option** to display the delete options.
3. Press the **Menu** key to view the message.
4. Press the **Menu** key > **Option > Send now...** to resend the message.

You can also Forward a Sent message.

Predefined SMS messages

You can customise and store up to a maximum of 10 SMS messages in the phone memory.

1. Select **Menu > Messages > SMS > User define SMS > OK**.

2. Enter a message and select **Save**.

View SMS memory

1. To view the memory capacity for SMS messages select **Menu > Messages > SMS > Capacity > OK**.

SMS broadcasts

You can receive a variety of text messages, such as news and traffic information, broadcast by your network. These messages are provided to all users in a certain cell. If you have subscribed to this service, your network will provide you the available channel numbers.

Receive SMS broadcasts

To receive or stop broadcast messages, you can choose to enable or disable Cell Broadcast (CB) service.

1. To receive broadcast messages select **Menu > Messages > SMS > scroll to Broadcast SMS > Reception > On > OK**. Choose **Off** to stop this service.

New cell broadcast messages are directly shown on your standby display, until you press any key. Broadcast SMS messages cannot be stored in your phone or SIM card, and thus cannot be viewed again.



If the Broadcast SMS option is enabled, the standby time in your phone will be reduced.

Channel lists

You can add a new topic or channel number, which is a new broadcast type, into your Topic list. A topic code number can consist of 3 digits only.

1. To add a topic select **Menu > Messages > SMS > scroll to Broadcast SMS > Topics > OK > Add > OK**.
2. Enter the code (a maximum of three characters) provided by the service provider and select **OK**.
3. To change an existing topic code, on the Topics screen, choose a topic code and select **Option > Change > OK**. Change the code number and select **OK**.
4. To delete an existing topic, on the Topics screen, choose a topic code and select **Option > Delete > OK**.

Voice mail

Your incoming calls can be forwarded to your voice mail. Callers will be prompted to leave a message for you. This feature requires you to enter a voice mail number which is provided by your service provider.

1. To set voice mail number select **Menu > Messages > Voice mail > Voice mail number > OK**. Enter the number provided by your service provider. This number should be used when you want to listen to your stored voice mail messages.
2. When you need to listen to your incoming voice mail messages, select **Menu > Messages > Voice mail > Call voice mail > OK**. Enter your voice mail number

and select **Call**. You are connected to your mailbox where you can hear the stored voice mails messages.



For quick access to Voice mail press and hold **1**.

Hardcoded Shortcuts

The following is the list of hardcoded shortcuts.

- ◆ Long press center button - Silences the incoming call ringtone.
- ◆ Long press 3 or the right arrow key - Switches the speaker mode during a GSM call.
- ◆ Press the green dial button From idle screen - Get the outgoing call list.
- ◆ Enter 0 followed by SEND - Releases all held calls or sets User Determined User Busy (UDUB) for a waiting call.
- ◆ Enter 1 followed by SEND - Releases all active calls (if any exist) and accepts the other (held or waiting) call.
- ◆ Enter 1X followed by SEND - Releases a specific active call X.
- ◆ Enter 2 followed by SEND - Places all active calls (if any exists) on hold and accepts the other (held or waiting) call.
- ◆ Enter 2X followed by SEND - Places all active calls on hold except call X with which communication shall be supported.
- ◆ Enter 3 followed by SEND - Adds a held call to the conversation.
- ◆ Enter 4 followed by SEND - Connects two calls and disconnects the subscriber from both calls (ECT).
- ◆ Enter 4 * "Directory Number" followed by SEND - Redirects an incoming or a waiting call to the specified directory number.
- ◆ Enter 5 followed by SEND - Activates the completion of calls to busy subscriber request.
- ◆ Enter "Directory Number" followed by SEND - Places all active calls (if any exists) on hold and sets up a new call to the specified directory number.
- ◆ Enter END - Releases the subscriber from all calls (except a possible waiting call).
- ◆ Press LEFT and RIGHT key in Outgoing/Answered/Missed calls list - Allows to scroll between these 3 screens.



"X" is the numbering (starting with 1) of the call given by the sequence of setting up or receiving the calls (active, held or waiting) as seen by the served subscriber. Calls hold their number until they are released. New calls take the lowest available number.



Where both a held and a waiting call exist, the above procedures shall apply to the waiting call (i.e. not to the held call) in conflicting situation.

Push-To-Talk quick start


The PTT functionality shall be available in your XP1 Phone only if the PTT service is enabled. Follow the instructions to create contacts, make calls to individual, predefined groups and ad hoc (informal) groups.



This feature is subject to phone model and subscription support. If the user menu does not show PTT, then the feature is not supported.

This section helps you to quickly get started and use the PTT function on your phone. The PTT functionalities shall be available in your XP1 Phone only if the PTT service is enabled. Follow the instructions to create contacts, make calls to individuals, predefined groups and ad hoc (informal) groups.

Get started

1. Before using the phone, ensure that the SIM card and battery are inserted in the phone. For more details refer "Insert and remove the battery" on page 7.
2. Hold down the **Power On** key  for a couple of seconds to switch on the phone.

PTT functions at a glance

The following table explains the use of the various PTT related keys present on your XP1 mobile phone.



Use	To
PTT key	<ul style="list-style-type: none"> - Display the contacts list. - Initiate a PTT call. - Bring back to focus a PTT call that is in the background.
Volume keys	<ul style="list-style-type: none"> - Adjust the volume during a PTT conversation. - Navigate up and down the PTT Contacts list.
PTT menu	<ul style="list-style-type: none"> - Access the PTT functions.
Menu selection keys (Left and Right)	<ul style="list-style-type: none"> - Activate the menu options displayed at the bottom of the screen.
Navigation keys	<ul style="list-style-type: none"> - Scroll horizontally or vertically to a desired menu option.
Power On/Off/End call	<ul style="list-style-type: none"> - Switch on and switch off the phone. - Return to the home screen when the phone is in use. - End a PTT call.
Right arrow key	<ul style="list-style-type: none"> - Increase or decrease the volume during a PTT call.
Charger port	<ul style="list-style-type: none"> - Charge the battery.

Use	To
Headset connector port	<ul style="list-style-type: none"> - Enable the use of headset phones for a PTT conversation.



Registering with the PTT service.

1. Select **Menu** > **PTT** to register with the service.



When registration with the PTT service is successful, P and G are displayed in green at the top left corner of the screen.

Deactivate the PTT service

1. Select **Menu** > **PTT** > scroll to **Close PTT** > **OK**. The PTT services gets deactivated and the standby screen displays P in red and G in green .
2. To again register to the PTT service, select **Menu** > scroll to and select **PTT**. The PTT services gets activated and the standby screen will display both P and G in green .

PTT settings

- On the home screen, select **Menu > PTT > scroll to Settings**.

The following settings are available on the PTT application:

Type	Preference	Function
General		
Answer settings	Individual	Allows you to specify answer settings for each contact separately.
	Manual	Renders individual settings ineffective. All calls should be manually answered.
My availability	Always	Shows your online presence to other contacts all the time.
	Never	Does not show your online presence to contacts.





Type	Preference	Function
Sorting	Alphabetically	Displays the contact names in alphabetical order.
	Available first	Displays online contacts first.
Hide my ID	Never	Displays your ID to other online contacts when you are in a PTT session.
	Always	Displays your ID as anonymous to other online contacts during a PTT session.
Audio		
Speaker On	Select/clear the checkbox	Sets the loudspeaker on or off respectively.
Speaker volume		Adjusts the volume of the loudspeakers.





Type	Preference	Function
Backlight		
Timer on		Turns off the backlight after the set backlight time in the phone settings is over during a PTT session.
Always on		allows to set backlight always on during a PTT session.
Reject list		
Reject list	Add to reject list	Disallows persons on the list from calling you.
Display name		
Display name		Allows to modify and edit the display name.
Report reminder		
Report reminder	Select intervals	Sets off a recurring reminder alarm at the set intervals.

Type	Preference	Function
Default List		
Contact		Allows to set Contact as the default PTT list
Group		Allows to set Group as the default PTT list
Chat group		Allows to set Chat group as the default PTT list
Menu Options		
Standard		Allows to set Standard as the default menu option
Advanced		Allows to set Advanced as the default menu option

PTT display icons

The common display icons within the PTT application are explained in the following table:

Icon	Description
	Appears when you start speaking.
	Appears when the other person takes the floor.
	Indicates that you are attempting to speak while the other person is speaking. Wait for the other participant to finish speaking before you can start speaking.
	Indicates that the PTT session is on, but no one is speaking.

Icon	Description
	Indicates a contact's Presence or Availability. Red indicates an offline contact while green indicates an online contact and gray indicates an unknown contact, not registered with the server.
	The letters P and G in red indicate no connectivity to the PTT server and GPRS respectively.
	The letters P and G in green indicate that the GPRS network is present and you are logged on to the PTT service.
	The letters P in red and G in green indicate that the GPRS network is present, but you have not registered with the PTT service.

Create a PTT contact

1. Press and release the **PTT** key to display the Contacts screen. Select **Option** > **Create contact** > **OK**.

OR

Select **Menu** > **PTT** > **Contact** > **Option** > **Create contact** > **OK**.

2. Enter the Contact number and Contact name. Choose the Answer settings, either as **Manual** or **Auto answer**. Manual is the default setting.

The manual setting allows you to pick a call, while an auto setting accepts an incoming call automatically.

3. Select **Save** > **OK** to accept the new contact information. Select **Exit** to revert to the PTT screen.

Create a group

1. Select **Menu** > **PTT** > **Group** > **Option** > **Create group** > **OK**.
2. Enter a Group name and select **Save**. Make a note of the Group Id displayed and select **OK**.
3. To view the members of a group, scroll to a group and select **Option** > **Edit/view members** > **OK**. Existing group members are displayed. If no members have been created for the group, the display is empty.
4. To add members from the PTT Contacts list, on the Group members screen select **Option** > **Add via list** > **OK**. Use the **Menu** key to select the checkbox against each contact. You can select multiple contacts.

Select **Save** > **OK**. The selected contacts are added to the Group as members.

5. To add new members to a group, on the Group members screen, select **Option** > **Add via number** > **OK**.
6. Enter the Contact number and Contact name. Select **Save** > **OK**. The new member is added to the group.
7. Select **Exit** to return to the Groups screen.

Copy existing contact information


You can transfer existing contacts from the Phone book list to PTT Contacts.

1. Press the **PTT** key.
2. Select **Option** > **Copy from phone** > **OK**.
3. On the Phone book list select the contact whose details you want to copy to the PTT contact list and select **OK**.
4. You can choose to retain or change the existing contact details.
5. Change the Answer settings either to **Manual** or **Auto answer**.
6. Select **Save** > **OK**, the copied contact information is displayed in the Contacts list.

Make a one-to-one call

This is a simple PTT session where just one caller and one recipient are involved in the conversation.

1. Press and release the **PTT** key to display the existing list of PTT Contacts.


2. Scroll to the contact you want to call. Press and hold the **PTT** key until the top of the screen displays **Start sending, Speaking**. Continue to hold the **PTT** key while you are speaking.
3. Release the **PTT** key when you finish speaking.
4. When the other person begins speaking, the top of the screen displays **Start receiving, Listen**.
5. If you attempt to take the floor while the other person is speaking, **Remote speaking** is briefly displayed at the top of the screen.
6. To end a PTT session, press  button. **PTT session ended** is displayed on the screen.
7. If the other participant disconnects the session, the **No active user(s) in the session** is displayed.
8. If the other participant ends an incoming PTT call, **User(s) not available** is displayed.

Move a call to the background

You can work on other functions on your device, for example, send an SMS or use the Phone book while you are on a PTT call. For more information refer section "Place a call in the background" on page 65.

Dial in a PTT call


You can make a PTT call by directly dialing the number of a contact. This facility is made available only if offered by your service provider. In such a case, a Tel URI (Uniform Resource Indicator) is given to you by your service provider.

1. Enter the contact number using the international format (for example, +1234567890) and press the **PTT** key. When the number is being dialed, **Ringling** is displayed at the top of the phone. If the recipient's contact number is not registered with your service provider the message **User(s) not available** is displayed on the screen.
2. After the recipient accepts the call, **Ad-hoc PTT invitation, Start sending, Speaking** is displayed at the top of the screen. Wait for the beep, press the **PTT** key and begin talking. Continue to hold the **PTT** key while you are speaking.
3. Release the **PTT** key when you finish speaking.
4. When the other person begins speaking, **Start receiving, Listen** is displayed at the top of the screen.
5. To end a PTT call, press  button. **PTT session ended** is displayed on the screen.

Make an unplanned group call

An unplanned or and ad hoc group call is made to contacts who are selected at random from the Contacts list.

1. Press and release the **PTT** key to display the list of PTT contacts.
2. Use the **Menu** key as a toggle key to select or clear the checkbox against each contact you want to call.
3. Press and hold the PTT key, **Ringling** is displayed on the screen.
4. When any participant accepts your call the top of the screen displays **Start sending, Speaking**.

5. Release the **PTT** key when you finish speaking.
6. When another participant takes the floor, the top of the screen displays **Start receiving, Listen**. The screen displays the list of contacts in the session.
7. If you attempt to take the floor while another person is speaking, **Remote speaking** is briefly displayed at the top of the screen.
8. To end a PTT session, press  button. **PTT session ended** is displayed.
9. As the initiator or the call, if you end the session all the participants in the ad hoc session are disconnected.

Make a PTT group call

1. Select **Menu > PTT > Group > OK**. The list of PTT groups is displayed.
2. Scroll to the **PTT** group you want to call. Press and hold the **PTT** key, Ringing is displayed on your screen.
3. When any participant from the group accepts your call the top of the screen displays **Group session, Start sending, Speaking**. Continue to hold the **PTT** key while you are speaking.
4. Release the **PTT** key when you finish speaking.
5. When any other participant speaks, the top of the screen displays **Group session, Start receiving, Listen**.
6. If you attempt to speak while another member of the group is speaking, **Remote speaking** is displayed at the top of the screen.
7. To end a PTT call press  button. **PTT session ended** is displayed.

8. If all the other group members end the call before you disconnect, **No active user(s) in the session** is displayed.


Accept a PTT invitation

When you receive an incoming call the top of the screen displays **Ad-hoc PTT invitation**.

1. Select **Accept** to take the call.
2. Select **Reject** to decline the call. A declined call is displayed as a missed call on your screen.



Use the headset to talk without having to hold the phone. For more information refer "Use Handsfree mode for calls" on page 76


3. When you accept the call, the top of the screen now displays **Start receiving, Listen**. When there is a pause and no one is speaking **Push to talk, Idle** is displayed.
4. To continue with the conversation, press the **PTT** key after the other person finishes speaking. The top of the screen displays **Start sending, Speaking**.
5. To end the call press . **PTT session ended** is displayed.
6. If the caller ends the call, **No active user(s) in the session** is displayed.
7. If you are invited to a Group call, you can leave the session and rejoin later. For more information on how


to rejoin a session refer section “Rejoin a group session” on page 62.

Block incoming PTT calls

Turn on the Do not Disturb (DnD) option to block incoming calls from other PTT members.

1. Press the **PTT** key, the Contacts list appears.
2. To block callers from calling you, select **Option** >

Turn on DnD > **OK**. A red icon  is displayed at the top of the screen indicating that the option is enabled.

3. To disable the feature, select **Option** > **Turn off DnD** > **OK**. A green icon  is displayed at the top of the screen indicating that the option is turned off.

When the DnD option is turned on, any PTT contact trying your number gets the message ‘User busy’.

View PTT call log

The PTT call log maintains outgoing, answered and missed PTT calls in separate lists. You can also rejoin a session using the Rejoin group session feature in the Call log menu, for more information refer “Rejoin a group session” on page 62.

1. To access the Call log, select **Menu** > **PTT** > **Call log** > **OK**. The PTT Call list displays the different lists and options.

2. To view a call log, scroll to any Call list, for example, to view an outgoing call entry, select the Outgoing calls list and select **OK**. Scroll to a contact and select **OK**. The outgoing call details are displayed. For further options select **Option** to list the available options.

For more information refer “View PTT logs” on page 60.

3. You can also make calls from the Outgoing calls list, Answered calls list and Missed calls list. Scroll to a contact and press the **PTT** key to initiate the call.
4. To delete a call log, select **Menu** > **PTT** > **Call log** > **Delete** > **OK**. Select **Outgoing calls list** or **Answered calls list** or **Missed calls list**. Select **OK** to delete the particular list,

For more details on the Push-to-Talk feature refer section “Push-To-Talk” on page 53.

Copy phone book contacts to PTT list

Contact information maintained in the phone book can be copied to the PTT contacts list.

1. To copy contact information, on the home screen select **Phonebk** > **View list** > **OK**.
2. Scroll to the contact you want to add to your PTT list and select **Option** > **Add to contacts** > **OK** > **Save**.
3. You can modify the contact details before you select **Save**.

Refresh the PTT contact list

1. To refresh the PTT contact list select **Menu** > **PTT** > **Contact** > **Option** > Scroll to **Refresh List** and select **OK**. The new contacts gets added in to the list.



Refresh list is normally used when contacts are added via web application for example sonim's XPA.

Push-To-Talk

The Sonim Xperience™ One (XP1) brings to you the Push-to-Talk over cellular (PoC) experience. Now you can turn your mobile phone into a walkie-talkie and have a one-to-one or one-to-many communication at the push of a key and the call communication is almost instantaneous.

PTT settings

Your PTT settings enable you to access this service more effectively.

General settings

1. Select **Menu > PTT > Settings > OK > General > OK**.
- ◆ **Answer settings:** allows you to set the answer settings for PTT contacts. If you choose **Individual > OK**, you have the option to set individual answer settings for each contact. Hence when you create a PTT contact, you can either specify a manual setting, where the phone rings before you accept the call or specify an auto answer setting where the PTT session is established automatically without you picking up the call. For more information, refer “Create contacts” on page 55.

If you choose **Manual > OK**, any answer setting you create for individual contacts is rendered ineffective and all incoming calls must be picked up manually.

- ◆ **My availability:** displays your online presence to other contacts, scroll to **My availability** and choose **Always > OK** to make your presence available at all times, or choose **Never > OK** to remove your online presence.
- ◆ **Sorting:** Sorts your list of contacts, scroll to **Sorting** and choose either **Alphabetically** to display the list of contacts in alphabetical order or **Available first** to display names of contacts that are online first, followed by the list of offline contacts.
- ◆ **Hide my ID:** hides your name from online contacts during a conference session, scroll to **Hide my ID** and choose **Always** to display an anonymous identity at all times, or choose **Never** to display your ID to other online contacts during a session.

Audio settings

1. Select **Menu > PTT > Settings > OK > Audio > OK**.
- ◆ **Speaker On:** use the **Menu** key as a toggle key to select or clear the **Speaker On** checkbox.
- ◆ **Speaker volume:** adjusts the speaker volume, press the **Right** navigation arrow to increase the volume and press the **Left** navigation key to decrease the speaker volume.

Backlight

1. Select **Menu > PTT > Settings > OK > Scroll to Backlight > OK**.

- ◆ **Timer on:** allows you to use the same time settings as in phone settings to display backlight in a PTT session.
- ◆ **Always on:** allows you keep the backlight on always during a PTT session.

Reject list

All calls from contacts on your reject list are blocked from calling your number.

1. Select **Menu** > **PTT** > **Settings** > **OK** > **Reject list** > **OK**.
2. To add a contact to the Reject list, select **Reject list** > **OK** > **Option** > **Add to reject list**.
3. Enter the name of the contact and select **OK**. The contact name gets added to the reject list.

Display name

1. Select **Menu** > **PTT** > **Settings** > **OK** > **Display name**.
2. On the confirm display name screen, select **Clear** and enter new name if required.
3. Select **OK** to confirm the new display name.

Report reminder

This setting displays an alert on the home page every time the set interval expires, until you turn off the reminder.

1. Select **Menu** > **PTT** > **Settings** > **OK** > **Report reminder**.
2. Scroll to the appropriate interval and select **OK**. Upon expiry of the set interval a reminder or an alert is dis-

played on the home screen. For example, if you have chosen the reminder interval as 15 minutes, then, after every 15 minute-interval the reminder alert pops-up on the home screen.

3. Select **Off** to turn off the setting.
4. Select **Exit** to return to the previous screen or press



to return to the home screen.

Standard and Advanced User menu options

To set the menu options to Standard.

1. Press **Menu Key** > **Settings** > **OK** > **Menu Options** > **OK** > **Standard** > **OK**.

To set the menu options to Advanced.

1. Press **Menu Key** > **Settings** > **OK** > **Menu Options** > **OK** > **Advanced** > **OK** > **Enter password** > **OK**.

The following menu options are displayed in Standard.

- ◆ Contact
- ◆ Group
- ◆ Chat group
- ◆ Call log
- ◆ Close PTT



In addition to the Standard menu options, the Advanced menu displays General and Reject list menu options.

Manage your PTT contacts

Your PTT contact list is a list of members whom you want to either call or chat with, outside of the GSM network. Your contact list can be created freshly or copied from your existing list of contacts into your phone book. You can add, edit, delete or call a contact.



1. Select **Menu** > **PTT** > **Contact** > **OK**.
2. Select **Option** to view the Contacts submenu.

Create contacts

To create a new contact, on the Contacts screen

3. Select **Create contact** > **OK**.
4. Enter the Contact number and Contact name.
5. To specify the **Answer settings** select **Manual** to enable you to pick a call from the specified contact or

select **Auto answer** to automatically accept a call from the specified contact.

6. Select **Save** > **OK** to add the new contact details.

Create contacts from Call log

To create a new contact from Call log

1. Select **PTT** > **Call log** > **Outgoing calls list** > **OK**
2. Select the contact to be saved.
3. Select **OK** > **Option** > **Add contacts** > **OK** > **Save**.

Copy contacts from phone book

1. To copy contact details from your phone book to the PTT Contacts list, select **Copy from phone book** > **OK**. The list of contacts in your Phone book is displayed.
2. Select **Contact name** > **OK** > **Save** > **OK**. The copied contact is added to the PTT Contacts list.
3. You can also choose to modify the contact details, like Contact name, Contact number and Answer settings, before you add the contact name to your PTT contact list. Select **Clear** to remove the existing data.

Add to reject list from Call log

To add contacts to reject list

1. Select **PTT** > **Call log** > **Outgoing calls list**
2. Select the contact to be rejected.
3. Select **OK** > **Option** > **Add to reject list** > **OK**
4. Select **Yes** to add the contact to reject list.

Set as default

To bring the contact to the top of the Contacts screen use the Set as default option.

1. On the Contacts screen, select the contacts of your choice > **Option** > **Set as default** > **OK**. The contact is displayed as the first contact in the Contacts screen.

Turn on DnD

To block contacts from calling you, use Turn on DnD (Do-not-Disturb) option. Anyone trying to contact you gets the message *User busy*.

1. On the Contacts screen, select **Option** > **Turn on DnD** > **OK**. Notice that the icon on the title bar changes from green to red indicating that the **Turn on DnD** option has been activated.
2. Similarly to turn off the option, select **Menu** > **PTT** > **Contact** > **OK** > **Option** > **Turn off DnD** > **OK**. The icon color reverts to green.



When this option is turned on, other contacts will perceive you as offline.

Send a PTT invitation

Use this option to send a message to the contact you wish to talk to. When an invitation is sent, the contact receives a missed call.

1. On the Contacts screen, use the **Menu** key as a toggle key to select or clear the checkbox against the contact name.
2. After the checkbox is selected, select **Option** > **Send PTT invite** > **OK**. Message *Success* is displayed. You can send a message only to contacts who are online.
3. You can also send a PTT invitation via the Outgoing calls list present in the Call list, select **Menu** > **Call list** > **Outgoing calls list** > **OK**. Scroll to a contact and select **OK** > **Option** > **OK** > **Send PTT invite** > **OK**.

Modify contact information

1. On the Contacts screen, use the **Menu** key as a toggle key to select or clear the checkbox against the contact name.
2. After the checkbox is selected, select **Option** > **Edit contact** > **OK**.
3. Edit the contact details, like Contact name, Contact number and Answer settings, before you add the contact to your PTT contact list. Select **Clear** to erase the existing data.

Delete a contact

1. On the Contacts screen, use the **Menu** key as a toggle key to select or clear the checkbox against the contact name.
2. After the checkbox is selected, select **Option** > **Delete contact** > **OK**. Select **Yes** to confirm the deletion. Select **OK** to return to the Contacts list.

Delete contacts from call log

To delete a contact from call log

1. Select **PTT** > **Call log** > **Outgoing calls list**
2. Select the contact to be deleted.
3. Select **OK** > **Option** > **Delete** > **OK**.
4. Select **OK** to confirm.

Manage PTT groups

A group includes names of contacts that form part of a specific pre-arranged group, for example, family, friends and the like. Group feature enables a user to create a group, edit group name, rename a group, view a group ID and delete groups.

1. Select **Menu** > **PTT** > **Group** > **OK**.
2. Select **Option** to view the Groups submenu.

Create a new group

1. To create a new contact group, on the Groups screen select **Option** > **Create group** > **OK**.
2. Enter the Group name, for example, family and select **Save**. An ID is generated for the group. It is recommended that a maximum of 20 members can be added to a group.
3. Select **OK** to view the new group in the Groups list.

Import a group

1. To import a new group you must be aware of the group's ID. On the Groups screen select **Option** > **Import group** > **OK**.

2. Enter the Group ID and Group name and select **Save** > **OK**. The imported group is added to your Groups list.

Rename a group

1. To assign a different name to an existing group, on the Groups screen scroll to the group you want to rename and select **Option** > **Rename group** > **OK**.
2. Change the Group name and select **Save** > **OK**. The change in name is reflected in your Groups list.



Use this option to view a group's ID.

Edit group information

This option allows you to view, add, edit and delete members within a group. You can create a group by adding members from the PTT Contacts list.

Add members via the PTT contact list

1. To add members via the PTT contacts list, on the Groups screen scroll to the group and select **Option** > **Edit/View members** > **Option** > **Add via list** > **OK**. Use the **Menu** key as a toggle key to select or clear members from the group. Select **Save**.

Add contacts via telephone number

1. To add new contacts to the group using a telephone number, on the Groups screen scroll to the group and select **Option** > **Edit/View members** > **Option** > **Add via number** > **OK**. Enter the Contact name and Number and select **Save**. The new member is added to the group.

Delete members from a group

1. To delete members from a group, on the Groups screen scroll to the group and select **Option** > **Edit/View members** > **Option** > **Delete members** > **OK**. Use the **Menu** key as a toggle key to select or clear the checkbox against the member to be deleted from the group. Select **Option** > **Delete members** > **OK**. Select **Yes** to confirm the deletion.

Delete a group

1. To remove a group, on the Groups screen scroll to the group you want to delete and select **Option** > **Delete group** > **OK**.
2. Select **Yes** to confirm the deletion. Select **OK** to return to the Groups list. The selected group is deleted from your Groups list

Send group ID

1. To send group ID to the members of the group, select **Menu** > **PTT** > **Group** > **OK**.
2. Select the group > **Send group ID**.



Only the owner of the group can view the members and send the group ID.

Use chat groups

Using the chat facility you can “talk” to other chat members on their mobile in real time. You can create chat group members or keep chat sessions open to everyone.

1. Select **Menu** > **PTT** > **Chat group** > **OK**.
2. Select **Option** to view the Chat groups submenu.

Create a chat group

1. To create a new chat group, on the Chat groups screen, select **Option** > **Create group** > **OK**.
2. Enter the Chat group name. Use the T9 or Predictive text mode if you are creating generic group names, for example, Colleague.
3. Use the arrows to choose the Chat group type, choose either **Members only** or **Open**. Open chat group allows “Edit/view members” operation.
4. Select **Save** > **OK**.

Rename a chat group

1. To assign a different name to an existing chat group, on the Chat groups screen, scroll to the chat group you

want to rename and select **Option > Rename chat group > OK**.

2. Select **Clear** to erase the existing Group name.
3. Edit the chat group name and select **Save > OK**. The changed name is reflected in the Chat groups list.

Edit/view chat group information

This option allows you to view, add, edit and delete members within a Chat group. You can create a Chat group by adding members from the PTT Contacts list.

Add members via the contacts list

1. To add members via the contacts list, on the Chat groups screen scroll to the chat group and select **Option > Edit/View members > Option > Add via list > OK**. Use the **Menu** key as a toggle key to select or clear members from the chat group. Select **Save**.

Add contacts using the telephone number

1. To add new contacts to the Chat group using a telephone number, on the Chat groups screen scroll to the chat group and select **Option > Edit/View members > Option > Add via number > OK**. Enter the Contact name and Number and select **Save**. The new member is added to the Chat group.

Delete members from a group

1. To delete members from a chat group, on the Chat groups screen scroll to the chat group and select **Option > Edit/View members > Option > Delete members > OK**. Use the **Menu** key as a toggle key to select or clear the checkbox against the member to

be deleted from the chat group. Select **Save > Yes > OK**.

Send a group ID

1. To a members only
 - ◆ On the chat groups screen, scroll to the appropriate chat group and select **Option > Send group ID > OK**. Only the members of the chat group receive the group ID.
2. To an open chat group

Only those members to whom the group ID is published will be able to participate in a group call.

- ◆ On the chat groups screen, scroll to an appropriate chat group and select **Option > Send group ID > OK**. The Send group ID screen displays a list of all the PTT contacts.
 - ◆ Use the **Menu key** to select the checkbox against the names of the group members to whom you wish to publish the group ID and select **OK**.
3. Add a group ID

On receipt of a group ID, a message is displayed on the screen with the group id.

- ◆ To save the group id, select **Accept**. Once saved the group id is added to the group list.
- ◆ To reject the group id, select **Cancel**.

Delete a chat group

1. To remove a chat group, on the Chat groups screen scroll to the chat group you want to delete and select **Option** > **Delete group** > **OK**.
2. Select **Yes** to confirm the deletion. Select **OK** to return to the Chat groups list. The selected chat group is deleted from the Chat groups list.

Import a group

1. To import a new group you must be aware of the group's ID. On the Groups screen select **Option** > **Import group** > **OK**.
2. Enter the Group ID and Group name and select **Save** > **OK**. The imported group is added to your Groups list.

Background PoC session

1. Press **Menu Key** > **Chat group** > **OK** from the PTT options to open the chat group.
2. Select **Default** from the **Options** list to open the chat group.
3. Select **Back** to send the PoC application to the background.
4. Press the PTT button to return to the session.

A special icon on the idle screen indicates that a background session is active.

To change a session from background to normal.

1. Press **Menu Key** > **Chat group** > **OK** from the PTT options to open the backgroundchat group.
2. Select **Reset** from the **Options** list.



When the Chat Group is activated and is in background mode, then only one push of the PTT button is necessary to talk.

View PTT logs

The PTT call log maintains logs of all outgoing, answered or missed PTT calls in separate call lists. You can also rejoin a group session using the Call Log, for more information refer "Rejoin a group session" on page 62.

1. To access the PTT Call list select **Menu** > **PTT** > **Call log** > **OK**.

Outgoing calls list

This list displays all calls made to individuals as well as groups. Calls made to groups are always PTT calls, while calls made to individuals could be GSM calls.

1. To view the list of outgoing calls, on the Call list screen select **Outgoing calls list** > **OK**.
2. To view call details scroll to the call record and select **OK**.
3. Select **Option** to view outgoing call options. Call options vary for individuals and groups.

- ◆ **Add to contacts:** adds the outgoing contact to your contacts list, on the Outgoing calls list screen scroll to the contact and select **OK > Option > Add to contacts > Save > OK** to add the name to your contacts. The updated Contacts list appears. Select **Exit** to revert to the Call list.
- ◆ **Send PTT invite:** sends a message to a contact when the contact is an individual. On the Outgoing calls list, scroll to a contact and select **OK > Option > Send PTT invite > OK**. *Message sent successfully* is displayed and the contact will receive a missed call.
- ◆ **PTT invitation:** calls the members of the selected group. On the Outgoing calls list, scroll to a group and select **OK > Option > PTT invitation > OK** to initiate a group call.
- ◆ **Delete:** deletes a group or an individual contact. On the Outgoing calls list screen scroll to the contact you want to delete and select **OK > Option > Delete > OK**. To confirm the deletion select **OK**. The record is deleted and the updated Outgoing calls list is displayed.
- ◆ **Add to reject list:** adds a group or an individual contact to the reject list, on the Outgoing calls list screen scroll to the contact or group you want to reject and select **OK > Option > Add to reject list > OK**. To confirm the operation select **Yes**. In case of a group, the members of the rejected group are added to the Reject list. The following additional options are available for group calls.

- ◆ **Import a group:** Normally an outgoing group ID would already exist in your contact list. But in cases where you have initiated a group call using the answered list or the missed call list, you can use the import group options to add the group ID to your group contact list.

Answered calls list

This list contains call names of contacts whose calls you have accepted. The options available are similar to Outgoing calls. You can add new contacts to your PTT Contacts list, delete contacts, move contacts to the reject list and send a PTT invitation to a contact, import a group and rejoin a group session. For instructions refer "Outgoing calls list" on page 60.

Import a group

To import a group, on the Answered calls list, scroll to a group and select **OK > Option > Import group > OK**. The Group Id and Name are displayed. Select **Save** to add the group to your Groups contact list.

Missed calls list

This list displays the names of contacts whose calls have been unanswered by you. Any Instant Personal Alert (IPA) that you receive is also displayed in the Missed calls list. You can add the contact to your PTT Contacts list, delete a contact, move a contact to the reject list and send a PTT invitation to a contact. For instructions refer "Outgoing calls list" on page 60.

Rejoin a group session

This option is used when you want to join in or return to a PTT group session, which you have been part of and have opted out for some reason.

On the Call list scroll to [Rejoin group session](#) and select **OK**. When the Group ID is called, [Ringling](#) is displayed at the top of the screen and you automatically join the session if it is still in progress. If the session is over, [No user\(s\) in this session](#) is displayed.

Delete a list

To delete a list (Outgoing, Answered or Missed calls list)

- ◆ Select **Menu > PTT > Call log > Delete > OK** (choose the list) > **OK**. To confirm the deletion select **OK**. Select **Exit** to move to the previous screen.

To delete a contact or a group separately

- ◆ Select **Menu > PTT > Call log > OK > Outgoing calls list** (select a contact name or group) > **OK > Option > Delete > OK**.

Make PTT calls

A user can make a one-to-one or one-to-many call from the list of contacts, make a group call, join a chat list, call from call log entries, and pick an incoming PTT call or send a PTT invitation.

Calls can be made from the PTT contacts list, from the PTT Call log or from the Call list.

Make calls from the PTT contacts list

1. Select **Menu > PTT > Contact**.
OR
Press and release the **PTT** key to view the PTT Contacts list.
2. Scroll to the contact and press the **PTT** key to initiate the call.
3. If the user is not available, a message [user\(s\) not available](#) is displayed.



When you press and hold the **PTT** key while the device is idle, the first contact on the Contacts list is called.

Make calls from the PTT calls list

You can make calls to contacts from the Outgoing calls list, Answered calls list or the Missed calls list.

1. Select **Menu > PTT > Call log > OK**.
2. Choose a list and select **OK**, for example, Outgoing calls list.
3. Scroll to the contact you want to call and press the **PTT** key to initiate the call.
4. If you select a group contact, select **OK > Option > PTT invitation > OK** to initiate a call.

Make calls from the GSM calls list

1. Select **Menu > Call list > Outgoing calls list > OK**.

2. Select a PTT contact, press the **PTT** key to initiate the call.
3. If you select a group contact, select **OK** > **Option** > **PTT invitation** > **OK** to initiate the call.

To proceed with the call

After you have chosen any one of the invitation modes and have initiated the call, the screen displays **Ringing**.

1. Press and hold the **PTT** key until the top of the screen displays **Start sending Speaking**. Continue to hold the **PTT** key while you are speaking.
2. Release the **PTT** key when you finish speaking.
3. When the other person takes floor control the top of the screen displays **Start receiving Listen**.
4. If you attempt to speak before the other person finishes speaking, **Remote speaking** is displayed on top of the screen. Wait for the beep before you can begin speaking.

When you end the call, the top of the screen displays **PTT call ended**.

Make calls from the Standby screen

1. Press the **PTT** key to view the **Contacts**.
2. Select the contact using the Navigation key

3. Press the **PTT** key to initiate the call..



Press and hold the PTT key to call the first contact in the **Contacts** list.

Make calls from the group list



A group has a set of pre-arranged members and a unique group ID. A group PTT call is similar to a one-to-many PTT call.

1. To access the group list select **Menu** > **PTT** > **Group**.
2. Scroll to a group and press the **PTT** key, **Ringing** is displayed on the screen.


3. When any member from the group responds, the contact name is displayed with a green icon beside it. If a member has not accepted the call a red icon is displayed beside the contact name. You can begin speaking after the beep. **Group session**, **Start sending**, **Speaking** is displayed at the top of the



4. Continue to hold the **PTT** key while you are speaking and release the key when you finish speaking.

- If any member takes floor control, **Start receiving, Listen** is displayed at the top of the screen.
- During the session the status of all the members in the group is displayed on the screen. The name of the person speaking is highlighted in the displayed list of participants.
- To add more members to the group select **Add**, use the **Menu** key to select more members and select **OK**. **Add user to session** is displayed at the top of the screen.
- As the initiator, if you press the button , the group session closes and all members get disconnected from the session.
- Press the button  to end the call.



- If you want to add more contacts to the session select **Add** and choose the contacts you want to call. **Add user to session** is displayed at the top of the screen.
- Continue to hold the **PTT** key while you are speaking and release the key when you finish speaking.
- Press the button  to end the call.

Respond to an invitation

- When you receive an incoming call, **Ad-hoc PTT invitation** is displayed at the top of the screen. Select **Accept** to respond to the call or **Reject** to decline the call.
- If you are in a group session, the status of all the members in the session is displayed.
- To continue speaking, press the **PTT** key and speak after the beep. The key should be continuously pressed when you are speaking. Release the **PTT** key when you finish speaking.
- If both parties are in the session but not speaking, **Push to Talk, Idle** is displayed at the top of the screen.
- If the other person ends the call, **No active user(s) in the session is displayed**.
- If you end the call, **PTT session ended** is displayed.

Make unplanned group calls

Unplanned or ad hoc groups are created on the spur of the moment and do not have pre-arranged set of members or a specified group ID.

- To make an ad hoc group call, press the **PTT** key, the list of Contacts appears.
- Use the **Menu** key as a toggle key to select or clear the checkbox against the contacts you want to call.
- Press the **PTT** key to initiate the call **Ad-hoc PTT invitation**. **Start sending, Speaking** is displayed at the top of the screen.

Add more members to the session

You can invite more members from the contact list during a PTT session.

1. Select **Option** > **Add** > **Contacts** > select the contact > **Add**. The contact will be invited for the PTT session.

Mute or unmute the session

1. Select **Option** > **Mute**. The speaker is turned off and all the incoming talk burst gets muted.
2. If you want to unmute, **Select** > **Option** > **Unmute**. The speaker is turned on and incoming talk burst is received.

Place a call in the background

1. Select **Accept** to answer an incoming PTT call.
2. To place the PTT call in the background, select **Back** with the **Right Selection** Key. The standby screen is displayed.
3. To enter the main menu press the **Menu** key and access the Messages menu to send an SMS or browse through the Phone book menu. While using another function, you can continue to listen to the PTT talk burst in the background.
4. To focus back on the PTT call, press the **PTT** key and continue the PTT conversation.

5. Press  to end the PTT call.



You cannot make a GSM call while a PTT call (GPRS packet) is in progress. But during the PTT idle period, i.e. when no one is speaking, you can accept or reject a GSM call. If you accept the GSM call and speak for more than 30 seconds, the PTT session gets disconnected.

View IPA details

An IPA is an Instant Personal Alert. When you receive an IPA, a log is updated in your Missed calls list and a missed call pop-up is displayed on the home screen.

1. On receipt of the missed call, on the Home screen, select **List** to display the Missed calls list.
2. Scroll to the contact and select **OK** to view the missed call details.
3. Select **Option** > **Add** the contacts to add the contact to your existing PTT contact list.
4. Select **Option** > **Send PTT invite** to respond to the sender's message.
5. Select **Option** > **Delete** to delete the missed call entry.
6. Select **Option** > **Add to Reject list** to block the contact from calling you.

Configurable default PTT list

Any one of Contact, Group or Chat group can be set as the default PTT list.

1. Press **Menu Key** > **Contact** or **Group** or **Chat group** > **OK** from the PTT contacts.
2. Select **Set as default** > **OK** from **Options**.
3. Press the PTT button from the idle screen to bring up the default PTT list.

If unchanged, the default PTT list is always Contact.

WAP

This mobile phone has an internal WAP browser (version 2.0) that allows you to browse contents of various WAP websites on the Internet.

This facility is made available only if you subscribe to a data service from your network operator for Internet access. You need to consult your local operator for more details.

Configure the WAP when you use it for the first time. Some WAP parameters on your phone have already been set to a specific network operator. If you utilize the services of the same network operator you can directly operate the WAP service with the available configuration. If not, you need to reconfigure the settings.



If you are unable to view WAP web pages because your network operator changed its WAP parameters or the Internet Content Provider (ICP) changed its WAP web address or contents, please consult your network operator and ICP for updates.

1. Select **Menu** > **WAP** > **OK**.

The following sub menu is displayed:

- ◆ **Homepage:** This is the page that is displayed first when you open the WAP browser.

- ◆ **Bookmarks:** Use this menu to add and manage your bookmarks and go directly to the corresponding web address. You can also edit or delete bookmarks via this menu.
- ◆ **Resume:** You can view web pages from where you last left off. Access the web pages you visited last via this menu. Select the Back and Forward options to move between web pages.
- ◆ **Enter address:** You can enter a web address directly and browse using this menu.
- ◆ **Settings:** The following configurations can be set via this menu:

Select profile: In this menu, existing profiles are listed on the display. Scroll to the required profile and select **OK**.

Edit homepage: You can edit the web address of your homepage. Specify a Title and the Web Address.

Connection: Specify the connection that sustains WAP. Select a Network account from the list, enter the Proxy address of the proxy server, select the Connection type and enter the Port of a proxy server.

Browser options: If web pages contain pictures, you can choose whether to show these pictures in this menu by selecting the option Show images. If you choose the Enable refresh option in this menu the web pages get refreshed.

Rename profile: Specify a name for the selected profile in this menu. The maximum length of the name is 40 characters.

Cache: This is a storage mechanism provided in the phone. You can choose to enable the cache mode or clear the cache memory.

Cookies: Cookies are used when the web browser requests for a page from the web server. You can Enable or Clear cookies via this menu.

- ◆ **Push inbox:** WAP Push mechanism is used by operators and certain web portals to send data such as configuration, ring tones and wallpapers. You can configure support for this feature and view the received messages in this menu.

Tools

Tools are used to organize and manage your daily tasks systematically.

Organizer

The Organizer has a calendar to enable you to set appointments, create appropriate notes, schedule reminders when required, set alerts and repeat specific settings.

Tasks can be viewed on a daily, weekly and monthly basis.

1. To access the Organizer and its associated functions, select **Menu** > **Tools** > **Organizer** > **OK**. The calendar for the current month is displayed. Use the navigation keys to navigate across months.
2. Select **Option** to view the list of options available.
 - ◆ **New**: create new entries under meeting or memo categories. You can set the date, time, duration, reminder and so on for a meeting/memo.
 - ◆ **Check (this month)**: list all tasks for the current month.
 - ◆ **Check all**: display the entire list of tasks.
 - ◆ **Delete all**: remove the entire list of tasks from the memory.
 - ◆ **Delete passed**: remove all elapsed entries.
 - ◆ **Capacity**: display the memory capacity and the memory percentage used, in proportion to what is available. A maximum of 30 entries can be stored.
 - ◆ **Weekly**: display the current week's status.

Create new event entries

You can create two types of event entries.

- ◆ **Meeting**: set the date and time for a meeting.
 - ◆ Choose a date on the calendar and select **Option** > **New** > **Meeting** > **OK** or alternatively, choose a date and press the **Menu** key > select > **New** > **Meeting** > **OK**.
 - ◆ Set the Date, Start and End time of the meeting.
 - ◆ Specify a note related to the meeting, for example, enter the name of the person you wish to meet or talk to.
 - ◆ Set the Alert type, for example, 10 min. before.
 - ◆ Set the Repeat Method or frequency of the meeting if required, for example, Weekly.
- ◆ **Memo**: multiple memo entries can be set for a day.
 - ◆ Choose a date on the calendar and select **Option** > **New** > **Memo** > **OK**.
 - ◆ Select the Date and Time of creating the memo.

The other options are similar to that of creating meeting entries.



If **No reminder** is selected as the Alert type, you will not be prompted, but the entry remains in the memory until it is deleted.

Edit organizer entries

1. Select **Menu** > **Tools** > **Organizer**.
2. Scroll to a date and press the **Menu** key to display the list of entries.
3. Choose an entry (either meeting or memo) and select **Option** > **Change**.

Delete entries

You can delete one entry at a time or all entries simultaneously.

1. To delete entries collectively, select **Menu** > **Tools** > **Organizer** > **Option** > **Delete all**.
2. To delete entries separately, select **Menu** > **Tools** > **Organizer**. Scroll to a date and press the **Menu** key. Scroll to an entry and select **Option** > **Delete**.

Alarm clock

Select **Menu** > **Tools** > **Alarm clock** > **OK**.

You can set three alarms on this phone.

1. To set an alarm, on the Alarm settings screen, select **On** to select an alarm item.
2. Enter the alarm time and specify the frequency of the alarm, for example, Everyday and select **OK**.
3. To set the alarm tone, scroll to Ringer settings and select **On** > **Standard tunes** or **Own melodies** > **OK**.
4. To disable the alarm, on the Alarm settings screen, scroll to an alarm item and select > **Off**.

Calculator

The calculator in this phone is designed to perform simple mathematical calculations.

1. Select **Menu** > **Tools** > **Calculator** > **OK**.
2. To enter the numbers, press the numeric keys
3. To use mathematical operators use the navigation keys.

Navigation key	Operator
Up	* (Multiply)
Down	/ (Divide)
Left	+ (Add)
Right	- (Subtract)

4. After performing the calculations, press the **Menu** key for the final result.
5. Select **Option** to display further options.

Options	Explanation
CE - Clear	Enables you to clear and re-enter a number.
MC - Memory Clear	Clears number from the memory.
MR - Memory Read	Reads the number from the memory.
MS - Memory Store	Stores the entered number in the memory.

Options	Explanation
M+ - Memory Plus	Adds a number to the number in the memory and stores the result in the memory.
Exit	Quit the menu.



This phone accepts numbers up to a maximum of 10 digits per entry.

Audio recorder

Select **Menu** > **Tools** > **Audio recorder** > **OK**.

1. To record an audio file, on the Audio recorder screen select **Record**.
2. Select **Pause** to temporarily stop the recording.
3. Select **Retrieve** to continue with the recording.
4. Select **Stop** to end the recording.
5. Select **Exit** to revert to the previous menu.

The recorded audio file is stored under My files. For more information refer "Manage your files" on page 80

Audio playback

1. To listen to a recorded audio file, select **Menu** > **My files** > **Sounds** > **Own melodies** > **OK**. The speaker is turned on automatically and you can hear the recording.

Bluetooth

Blue tooth is a wireless connection that enables devices to exchange information. Devices within a range of 10 meters can be connected wirelessly using Bluetooth technology.

Sonim XP1(bt) is compliant with Bluetooth specification 1.2 supporting the following profiles: Headset profile, Hands free profile, Object push profile, Dial up networking profile, Serial port profile. This device can send images and audio files using Bluetooth connection.



There may be restrictions on using Bluetooth technology in some locations. Check with your local authorities or service provider.

Activate Bluetooth

1. Select **Menu** > **Tools** > **Bluetooth** > **Activate**.

When the Bluetooth is activated, Bluetooth icon is displayed on the home screen.

Deactivate Bluetooth

1. Select **Menu** > **Tools** > **Bluetooth** > **Deactivate**.

Bluetooth Settings

The following table describes the settings available for Bluetooth.

Type	Function
Change name	Select this option to change the name of your device.
Hide/Visible	Use this as a toggle option to select Hide or Visible . Select Visible to show your presence to other devices. Select Hide to hide your presence from other devices.
Services provided	Select this option to view the services provided for this device.



Keep the Bluetooth connectivity in deactivate mode if you are not using it.

Pair devices

1. Select **Menu > Tools > Bluetooth > All devices**.
2. Select **Scan more...** to view the list of devices within a range of 10 metres with Bluetooth connectivity.

3. Select the device of your choice.
4. Select **OK**.
5. Enter the pin code '0000' in the **Enter pin code** screen. The same Pin code must be entered to the other device.
6. Select **OK**.
7. When the other device accepts your request the message **Pairing done** is displayed on the screen.
8. When the other device rejects your request the message **Pairing failed** is displayed on the screen.



Do not pair with an unknown device for security reasons.

Connect a Bluetooth Headset

You can connect a bluetooth headset after pairing it with your device.

1. Select **Menu > Tools > Bluetooth > All device**.
2. Select the paired Bluetooth headset.
3. Select **Option > Connect**.

Rename Paired device

1. Select **Menu > Tools > Bluetooth > All device**.
2. Select **Option > Rename**.
3. Enter a new name in the field.
4. Select **OK**.

Delete Pairing

1. Select **Menu** > **Tools** > **Bluetooth** > **All device**.
2. Select the paired device to be deleted.
3. Select **Options** > **Delete**.



If you cancel the pairing with a device that is connected, pairing is removed and the connection is switched off immediately.

Send Data

You can connect several Bluetooth devices at a time. If you are connected to a headset, you can also transfer the files to another compatible device at the same time.

1. Select **Menu** > **My files**.
2. To send an audio file, Select **Sounds** > **Own Melodies**.
3. To send an image, Select **Pictures** > **Own Pictures**.
4. Select the file you want to send.
5. Select **Option** > **Send by Bluetooth**.
6. Select the paired device to which you want to send the file.



All device screen normally displays the paired devices as well as devices which are not paired currently. Re-pairing may be required. To send a data to an unpaired device, Select **Scan more...** > select the unpaired device of your choice. Enter the pin code when you are asked to enter. For more information refer "Pair devices" on page 72.

7. When the other device accepts your file, the message **Object sent** is displayed on the screen.
8. When the other device rejects the file, the message **connection failed** is displayed on the screen.



XP1(bt) supports audio formats such as .mid/.amr/.wav/.mp3/.aac and image formats such as .jpg/.bmp/.wbmp.

Receive data

To receive data using Bluetooth, your device should be Bluetooth activated and must be visible to other devices. For more information, refer "Activate Bluetooth" on page 71 and refer Hide/Visible in the section "Bluetooth Settings" on page 72.

1. When you receive a data, you are asked if you want to accept it.
2. Select **Accept** to receive data.
3. Select **Reject** to refuse the data.
- ◆ If you accept, the picture data is placed in **My files > Pictures > Own Pictures** folder.
- ◆ If you accept, the audio data is placed in **My files > Sounds > Own Melodies** folder.

Stopwatch

1. Select **Menu > Tools > Stopwatch > OK**.
2. To trigger the timer, on the Stopwatch screen, select **Start**. The counter begins running.
3. To stop the counter select **Pause**. To continue select **Go**.
4. To reset the counter select **Clear**.
5. To record a reading, press the **Menu** key while the counter is running. A maximum of six readings are displayed.
6. Select **Exit** to revert to Tools.

Count-down timer

This function is helpful when you need to be reminded of a specific event or you want to time a particular task.

1. Select **Menu > Tools > Count-down timer > On > OK**.
2. Specify the time when you need to be reminded in terms of hours and minutes. The maximum time you

- can set is 23 hours and 59 minutes (23:59) and the minimum is one minute (00:01).
3. When the count-down is completed, the alarm rings.

Universal time

You can view the time of major cities in different time zones using this function and set the time on your phone to a selected time zone. You also have the option to use Daylight Saving Time (DST).

The local time is displayed in the lower half of the screen while the universal time is displayed in the upper half of the screen. Use the navigation keys to peruse various time zones.

1. To view the universal time, select **Menu > Tools > Universal time > OK**.
2. To set your local time, navigate to a specific Universal time and select **Option > Set as local > OK**. For example, navigate to San Francisco and set it as the local time.
3. To set Daylight Saving Time, select **Option > Daylight saving option > On > OK**. The symbol of the sun is displayed beside the name of the city signifying DST option is on.
4. To view the time at different cities on different longitudes and latitudes, use the navigation keys. The time corresponding to the city is displayed beside the name of the city.

Car Kit

The Car Kit is a device that can be installed in motor vehicles to enable handsfree operation of mobile phones.

Incoming calls

To accept incoming calls: When the phone is ringing, click and release the Remote control Button.

To reject incoming calls: When the phone is ringing, click and hold the Remote control Button for couple of seconds.

Ending calls: During a call, press and hold the Remote control Button for couple of seconds.

Outgoing Calls

Making calls: When using the Nokia CK-7W car kit with Sonim XP1, it is not possible to make outgoing GSM calls. The user needs to dial from the phone keypad only.

Ending calls: During a call, press and hold the Remote control Button for couple of seconds.

For the car kit details and the list of certified car kits for use with XP1(BT), please download the *Car Kit Installation Guide* from the Sonim website www.sonimtech.com.

Use Handsfree mode for calls

The handsfree mode can be used for both GSM and PTT calls. You can use the answer/end call button on the headset phone or the remote control button in the Car Kit which enables you to talk on the phone without holding the phone.

When connected to a wired headset

GSM calls

1. Press or click the headset button to accept a call.
2. Press and hold the headset button to end the call.
3. To record the conversation, press the headset button during a call.

PTT calls

1. Press or click the headset button to accept a call.
2. Click the headset button to start speaking.
3. Click again when you finish speaking. You need not hold the button as you would for the **PTT** key; this facility is termed '*Click to Talk*'.
4. To end a PTT call, press and hold the headset button.
5. Similarly, to reject the call, press and hold the headset button



Outgoing calls: You can make outgoing calls only to a predefined contact. To make a call to a predefined contact, Click and hold the head set button for a couple of seconds.

When placed in a Car Kit dashboard holder

GSM Calls

1. Click and release the remote control button to accept the call.
2. Click and hold the remote control button to reject the call.
3. To end the call, click and hold the remote control button..



Outgoing calls: When using the Nokia CK-7W car kit with the Sonim XP1(bt) it is not possible to make outgoing GSM calls. The user needs to dial from the phone keypad for making out going calls.

PTT Calls

1. Click and release the remote control button to accept the PTT call.

2. Click and hold the remote control button for a couple of seconds to reject the call.
3. To request a floor during a PTT session, click and release the remote control button on the dashboard.
4. To release the floor, click and release the dashboard button.



Outgoing calls: You can make outgoing calls only to a predefined contact. To make a call to a predefined contact, Click and hold the remote control button for a couple of seconds. This feature is only available with Sonim XP1 R4.0 Software Release.



Once the XP1(bt) handset is paired with a car kit, irrespective of wherever the GSM call is accepted (either in handset or in the car kit) audio is routed to the car kit only.

When using a Bluetooth headset

For connecting a Bluetooth headset, refer “Connect a Bluetooth Headset” on page 72.

GSM calls

For an in-coming GSM call

1. Single press/ Double press to accept the call.
2. Long press to reject the call.

While in a GSM call

1. Single press/ Double press to end the call.
2. Long press to hold the call.

While dialing a GSM call

1. Single press/ Double press to disconnect the dialing.
2. Long press has no action.

PTT calls

Idle screen

1. Single press/ Double press to access the Contacts lists.
2. Long press dials the first contact and enters the ongoing session.

From Contact lists

1. Single press/ Double press to initiate PTT call to the contact highlighted.
2. Long press has no action.

Receiving a PTT invite

1. Single press/ Double press to accept the invite.
2. Long press to reject the invite.

Idle PTT session

1. Single press/ Double press to take the floor.
2. Long press to end a PTT session.

Busy PTT session

1. Single press/ Double press to release floor.
2. Long press to end PTT session.

For the list of certified bluetooth headsets for use with XP1(BT), please download the *Car Kit Installation Guide* from the Sonim website www.sonimtech.com.

Personalize your phone

You can customise ring tones, alerts and alarms on your phone for different environments.

1. Select **Menu** > **Quick settings**.

There are four environment profiles present in this phone. Normal is the default profile, while the other profiles are Silent, Meeting, Outdoors and Use in car.



You can only change the parameters for the Normal mode.

- ◆ **Normal:** This is the default profile wherein all sounds are enabled. Parameters in this mode can be changed.

You can change the name of this profile. To do so, select **Menu** > **Quick settings** > **Normal** > **Change name**.

Select **Normal** > **Personalize** > **OK** to open the **Sounds setting** screen. You can use this screen to choose either ringtones or vibrate mode for various alerts such as Call alert, Alarm alert, Organizer alert and SMS alert.

In the Sounds settings screen, press the LSK to select the alert types and press the Menu key to save the settings.

You can also set the ringer volume for GSM calls, alarms and alerts.

For other settings such as Key tone, Connect alert and Battery alert, select the appropriate checkbox using the **Menu** key and activate the function.

- ◆ **Silent:** mutes all sounds except the alarm in the phone. The alarm rings even when the phone is set to Silent mode. To set a phone on Silent mode, select **Menu** > **Quick settings** > **Silent** > **OK** > **Enable** > **OK**. Alternatively, press and hold the # key when the phone is in standby mode. Select **Silent** > **OK** > **View** > **OK** to see the list of alerts that will be disabled.
- ◆ **Meeting:** enables the Vibrate mode for all alerts. To activate this mode, select **Menu** > **Quick settings** > **Meeting** > **OK** > **Enable** > **OK**. Select **Meeting** > **OK** > **View** > **OK** to see the list of alerts that are available in this mode.
- ◆ **Outdoors:** enables the ringtone and vibrate mode simultaneously for all alerts. To activate this mode, select **Menu** > **Quick settings** > **Outdoors** > **OK** > **Enable** > **OK**. Select **Outdoors** > **OK** > **View** > **OK** to see the list of alerts that are available in this mode.
- ◆ **Use in car:** enables all sounds and is almost similar to the Normal settings except that the Connect Alert is disabled. To activate this mode, select **Menu** > **Quick settings** > **Use in car** > **OK** > **Enable** > **OK**. Select **Use in car** > **OK** > **View** > **OK** to see the list of alerts that are enabled.

Themes

You can choose from the existing colour themes available on your phone. For more information refer "Phone settings" on page 20.

Manage your files

Using the My files menu, you can store and manage audio files and pictures. You can Preview the files, view their details and Delete files. The maximum storage capacity is 9000kb.

1. To view your files select **Menu > My files**.
2. Scroll to a category and select either **Pictures** or **Sounds** and select **OK**.
3. For pictures select Embedded pictures or Own pictures, that you would have downloaded via WAP or Bluetooth. For sounds select Standard tunes or Own melodies that you would have downloaded or recorded. For more information refer, "Audio recorder" on page 71.
4. Scroll to file from the displayed list and select **Option** to display further options.

For pictures, you can preview a picture, set it as a wallpaper and see more details about the picture.



Only the images of type .jpg with image resolution less than or equal to 128 x 160 can be set as wallpaper.

For sounds, you can set a particular sound as your ringer tone and see the details of the file.

SIM card menu

You can access certain services provided by the operator using this menu.

This feature can be accessed via **Menu > Messages > SIM toolkit** or **Menu > SIM toolkit** (if PTT is disabled).

End user licence agreement

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Please note that some of your personal settings, downloads or other information may be lost when your Sonim Product is repaired or replaced. Sonim does not take any responsibility for any lost information of any kind and will not reimburse you for any such loss. You should always make backup copies of all the information stored on your Sonim Product such as downloads, calendar and contacts before handing in your Sonim Product for repair or replacement.

Phone care

The Sonim XP1(bt) is designated class IP54 for dust and water protection, according to the IEC Ingress Protection (IP) Standard 60529. This means that the phone is dust protected and protected against splashing water in any direction. Subjecting the phone to water jetting or immersion in water can damage it and must be avoided.

The Sonim XP1(bt) is solid and built for heavy duty use. Its design protects against disassembly or mechanical damage when subjected to forces equal to free fall from the high of an average adult. Subjecting the phone to stronger impact and forces can damage it and must be avoided.

Conditions

1. The warranty is valid only if the original proof of purchase issued to the original purchaser by a Sonim authorised dealer, specifying the date of purchase and serial number for this Product, is presented with the Product to be repaired or replaced. Sonim reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.
2. If Sonim repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced parts or components will become the property of Sonim.
3. This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with the Sonim instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the Product due to accident, software or hardware modification or adjustment, acts of God or damage resulting from liquid interacting with the product beyond what is described as acceptable in the user guide for the product. A rechargeable battery can be charged and discharged hundreds of times. However, it will eventually wear out - this is not a defect. When the talk-time or standby time is noticeably shorter, it is time to replace

your battery. Sonim recommends that you use only batteries and chargers approved by Sonim. Minor variations in display brightness and colour may occur between phones. There may be tiny bright or dark dots on the display. These are called defective pixels and occur when individual dots have malfunctioned and can not be adjusted. Several defective pixels are deemed acceptable.

4. This warranty does not cover Product failures caused by installations, modifications, or repair or opening of the Product performed by a non-Sonim authorised person. Tampering with any of the seals on the Product will void the warranty.
5. The warranty does not cover Product failures which have been caused by use of accessories or other peripheral devices which are not Sonim branded original accessories intended for use with the Product.
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