

USER GUIDE

**SONIM
ENDURO**

English

sonim[®]
BUILT FOR LIFE[™]

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Disposal of Old Electrical and 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.

Guideline for Headphone and Earphone



To prevent possible hearing damage, please do not listen at high volume levels for long periods.

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The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model device as reported to the FCC when tested for use at the ear is **0.38 W/kg** and when worn on the body, as described in this user guide, is **0.56 W/kg** (Body-worn measurements differ among device models, depending upon available

accessories and FCC requirements.)

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: WYPC21F007AC.

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and be positioned a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the device at the ear, position the handset a minimum of 20 cm from your body when the device is switched on.

Congratulations on the purchase of a Sonim Enduro mobile phone. This phone is a CDMA enabled handset with dual-band capabilities and has an intuitive, feature-rich user interface, which allows you to make the best use of the offered functions.

Phone Models Covered

This user guide covers Sonim XP4400™ SHIELD phone model: Sonim XP4400-A-R1. This model utilizes the following RF bands: GSM 800/1900 MHz bands.

The model name can be read on the phone label under the battery.

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

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

HOME SCREEN

This is the screen displayed when the phone is in idle condition.

PRESS

Means to press and release a key immediately.

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 highlighted options.

PRESS & HOLD

Means to press and hold a key for 2 seconds before releasing the key. This action is typically used when trying to switch on/off the phone or when using shortcut keys to access specific functions.

MENU OPTIONS

Press Options to display menu options on the screen. The selection keys are used to accomplish the indicated option.

SELECT MENU

Means to press the **Middle 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.

Options Commonly Used across Menu Items

The following are common actions used across various menu items:

BACK	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 Middle Selection Key to perform this function.
CLEAR KEY	Use this key to delete the text.
BACK KEY	Use this key to display the previous screen.

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.



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.



Electrical interference may obstruct the use of your phone. Observe restrictions in hospitals and near medical equipment.



Switch off your cellular phone when in an aircraft. Wireless phones can cause interference or danger to an aircraft. In an aircraft, the phone can be used in flight mode.



Do not expose the battery to high temperatures (in excess of 60°C).



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.



Avoid using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.



Use only Sonim Enduro approved charging equipment to charge your phone and avoid damage to your phone.



The symbol of the crossed-out wheeled bin indicates that 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.





Ensure that only qualified personnel install or repair your phone.



The Sonim Enduro is water-proof and can be submerged to 2 metres for 30 minutes.

- Ensure to properly close the rubber cover of the charging connector and audio connector, to avoid deposits of water drops on these connectors, when the phone is immersed in water.
- Water droplets may condense under the display cover if the phone is immersed in water with significant drop in temperature. This does not indicate water leakage. The droplets will disappear at room temperature.

The Sonim Enduro is dust-resistant, rugged and shock-resistant. However, it is not dust-proof or unbreakable if subjected to overwhelming impact. For best results and long product life, one should protect the Sonim Enduro from salt water, dust and strong impacts.



Make back-up copies of important information stored in your phone or maintain a written record.

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 three to four 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. Ensure that you do not leave the fully charged battery connected to a charger. 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

If you leave the battery in hot or cold places, such as in a closed car in summer or winter conditions, it will reduce the capacity and lifetime of the battery. For best results, try to keep the battery between -20°C and $+55^{\circ}\text{C}$ (-4°F and 131°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 off 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.

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 suspect that interference is taking place, immediately turn off your mobile phone. Contact your cardiologist for more information. For other medical devices, consult your physician and the manufacturer of the device. Comply with instructions to switch off the device or deactivate the RF transmitter

When required, 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. Also, 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 Information

The Sonim Enduro has been certified in compliance with the Government's requirements for exposure to Radio Waves.

When communicating over the wireless network, the mobile phone emits via the radio frequency waves low levels of radio energy. The Specific Absorption Rate, or SAR, is the amount of RF energy absorbed by the body while using the phone and is expressed in watts/kilogram

(W/kg).

Governments around the world have adopted comprehensive international safety guidelines, developed by scientific organizations, for example, ICNIRP (International Commission on Non-Ionizing Radiation Protection) and IEEE (The Institute of Electrical and Electronics Engineers Inc.). These guidelines establish permitted levels of radio wave exposure for the general population.

Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands.

SAR Data Information for residents in the United States and Canada.

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram averaged over one gram of tissue. The standard incorporates a margin of safety to give additional protection for the public and to account for any variations in measurements.

Before a phone model is available for sale to the public in the US, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (that is, by the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for the Sonim XP4400-A-R1 phone when tested by Sonim for use:

- By the ear is 0.38 W/kg (1 g).
- Worn on the body is 0.56 W/kg (1 g).

For body-worn operation, this phone meets FCC RF

exposure guidelines provided that it is used with a non-metallic accessory with the handset at least 1.5 cm from the body, or with the original Sonim accessory intended for this phone and worn on the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Getting Started

This section provides information on using your Sonim Enduro phone.

The list of items in the Sonim Enduro phone box are:

- Quick Start Guide
- Registration Card
- Welcome Letter
- Screwdriver
- USB Cable
- Charger

Battery Usage

- Use only a Sonim Enduro certified battery that is designed for this phone model.
- The use of other batteries may void the warranty terms of your phone and cause damage.
- It is recommended to protect the battery from extreme temperature environments and moisture.
- Please keep the battery out of the reach of children.

Inserting the Battery

1 Unscrew Cover

To open the battery cover, rotate both the battery cover screws in a counter clockwise direction (as shown in the figure). Sometimes, the battery cover may be tight and some extra effort is required to open it. You can use the screwdriver provided to open the screws.



2 Lift Cover

Lift the back cover to reveal the battery slot.



3 Insert Battery

Insert the battery and push 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 Close Cover

Close the battery cover. Rotate the battery cover screws in clockwise direction. You can use the screwdriver provided to tighten the screws. Ensure not to overtighten the screws.

Removing the Battery

Follow steps 1 and 2 of “Inserting the Battery” on page 13.

To remove the battery, lift the cover behind the phone and raise the upper end of the battery from the slot.

The battery can now be removed.

Follow step 4 of “Inserting the Battery” on page 13 to close the cover.

Charging the Battery

The battery delivered with your mobile phone is not fully charged. We recommend that you charge your mobile for 5 hours before you use your mobile phone for the first time.



The phone with a fully charged battery can remain in the standby mode for a duration of up to 800 hours. If the battery is completely out of charge, it can take several minutes for the charging icon to appear when the charger is connected.

1 Insert Charger

Insert the charger plug into a power outlet.



2 Connect to Phone

The charger port is located on the left side of the phone. To access the charger port, lift the cover with the USB sign. Insert the 3.5mm jack/connector of the charger to the port.

Alternatively, you can use the standard USB cable and adaptor to charge the phone battery. Insert the adaptor to the charger port of the phone. Connect one end of the standard USB cable to the adaptor and the other end of the USB cable to the PC.



3 Charging Animation

If the battery is being charged when the phone is switched off, only the battery icon is displayed (as shown in the adjacent figure).



4 Charging Icon

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 disconnect the charger from the phone.



CAUTION: There is a risk of explosion while charging if the battery has been replaced by an incorrect type.

Phone Activation

Contact the service provider to activate your Sonim Enduro phone.

Parts of the Sonim ENDURO Phone

The Sonim Enduro keypad has 11 function keys and 12 alphanumeric keys. The left side of the phone has one key and the right side of the phone has three keys.



- Headset port
- Charger/USB port
- Display screen - Flip open position
- Display screen - Flip close position
- Alphanumeric keys



- Ear piece
- Function keys
- Microphone

Parts of the Sonim Enduro Phone

Volume keys - adjust the volume for voice call/ringtone/music



Sonim ENDURO Keypad

The following figure identifies different keys in the phone keypad.



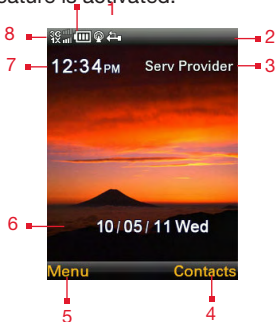
Switching On

Press and Hold the **Power ON/OFF** key for 2 seconds to Power On the phone.

When the phone is switched on, it tries to register with the network. After successful registration, the name of the service provider is displayed.

Home Screen

In the home screen, basic information such as service provider details, date and time, battery charge status, and Data service connectivity are displayed when the phone is in standby mode. Indicators for other services like alarm and Bldfgvuetooth are displayed, when the feature is activated.



1. BATTERY CHARGE INDICATOR
2. ANNUNCIATOR BAR/STATUS BAR
3. SERVICE PROVIDER
4. RSK COMMAND
5. LSK COMMAND
6. DATE AND DAY
7. TIME
8. SIGNAL STRENGTH INDICATOR

Key Shortcuts in Home Screen

The following can be accessed from the home screen.






Press	To Access
Menu Key	Main Menu
Left Selection Key	Main Menu
Right Selection Key	Contacts
Call/Accept/Send Key	All Calls List
Up Arrow	Calendar
Down Arrow	Contacts
Right Arrow	Write message
Left Arrow	FM Radio










The four functions that are performed using the arrow keys are set as factory defaults, however they can be changed. Select **Menu > Settings > Shortcuts**. Select the required arrow key and select **Change**.

Keypad Functions

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

Keypad key	Operations
 POWER ON/OFF/END CALL	<ul style="list-style-type: none">• Press to end a call.• 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 reject an incoming call.• Press and hold to end Music player and Radio when Music player and Radio are On.
 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 while in Standby mode to access All calls list.• Press to send a message or an e-mail.
 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. The indicated functions can vary according to different program definitions.• Press LSK to access the main menu in standby mode.• Press RSK to access the Contacts in standby mode.
 CLEAR (C)	<p>This key is present below the LSK key.</p> <ul style="list-style-type: none">• Press this key to delete the text, while editing a message
 BACK	<p>This key is present below the RSK key. Press this key to display the previous screen.</p>

Keypad key	Operations
 <p>MENU KEY (CENTRE)</p>	<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 check box. • Press to perform similar tasks as the Left Selection Key. • Press to select the OK command.
 <p>NAVIGATION KEYS</p>	<p>The Left and Right Selection Keys and Power On/Off 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>UP/DOWN</p> <p>Press to move the cursor up or down in the text editor.</p> <ul style="list-style-type: none"> • Press to view the pages in the text editor. • Press to browse menus/lists at the same level. • Press to browse the main menu. <p>LEFT/RIGHT</p> <p>Press to navigate between tabs.</p> <ul 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 view the previous or next picture when previewing pictures.
<p>ALPHA-NUMERIC KEYS</p>	<ul 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 > Call to dial the number. • Press and hold any numeric key to access the shortcut assigned, while in standby mode. • Enter text while in the text editor.

	<ul style="list-style-type: none"> • Press and hold in standby mode to access your Voice mail. • When entering text, press to enter space.
Keypad key	Operations
	<p>Press and hold to display '+' used for dialing an international number, while in standby mode.</p>
	<ul style="list-style-type: none"> • Press LSK followed by this key to lock the keypad • With backlight on, press LSK followed by this key to unlock the keypad. • When entering text, press to display special characters, for example, period, comma, and so on.
	<ul style="list-style-type: none"> • Press and hold to activate Silent mode. • When entering text, press to switch between lower case, upper case or initial caps characters. • Press and hold to access text editor settings.

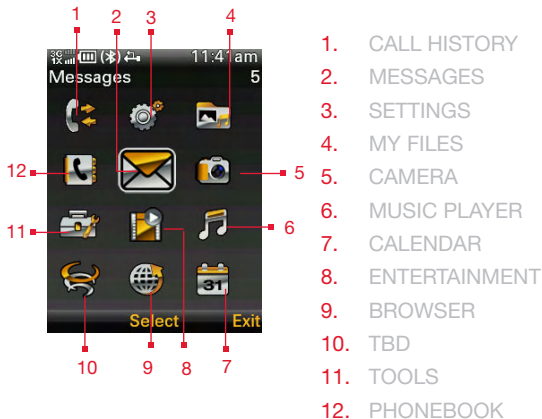
Your Sonim Enduro Phone

This model is a flip type phone with a single LCD screen. The graphic field of the screen is 240 (W) and 320 (H) pixels. The TFT technology used displays 262K colours.

Main Menu

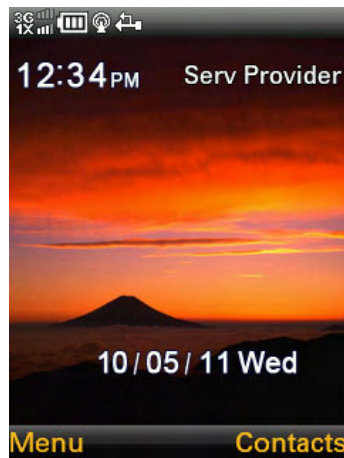
To access the phone menu, press the **Menu** key. The main menu which comprises the following 12 items appears.

Main Menu Icons


















Home Screen Indicators






The home screen indicators are visible when the phone is in standby mode. Some icons indicate the status of certain functionalities 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 on the top bar of the home screen in the Sonim Enduro phone.

Display Indicators	Name	Description
	Battery	Three clear bars indicate maximum battery charge. Opaque bars indicate decline in battery charge.
	Vibration	Indicates that Vibration is On.
	Unread Message	Indicates that there are unread messages in the inbox.
	Urgent SMS	Indicates the SMS message sent with Urgent priority.
	Unread MMS	Indicates that there are unread MMS messages in the inbox.
	PUSH	Indicates that there are unread Push messages
	Alarm Clock	Indicates that the alarm clock has been set.

	Keypad Lock	Indicates that the keypad is locked.
	Bluetooth Connectivity	Indicates that bluetooth is active.
	Voice Message	Indicates a new voice message.
	Bluetooth CarKit/Headset Connectivity	Indicates that your device is paired and connected to a carkit or headset with bluetooth connectivity.
	Wired Headset	Indicates that a wired headset is connected.
	1X	Indicates the signal strength when registered to 1X network.
	3G	Indicates the signal strength when registered to EVDO network.
	USB	Indicates that the phone is connected to the computer using USB connection

	Data Call	Indicates that a data call is established.
		Indicates that the data call is inactive
	HAC	Indicates that Hearing Aid Compatibility (HAC) is active and the HAC features are available.
	Silent	Indicates that the phone is in Silent mode.
	Flight	Indicates that the phone is in Flight mode.




The following table describes the display indicators on the call screen in the Sonim Enduro phone:

Display indicators	Name	Description
	Active Call	Indicates an active call.
	Mute	Indicates that you can mute the call, if required.
	Call on Mute	Indicates a call on mute.

**Loud speaker**

Indicates if loudspeaker is activated during a call.

The following table describes the display indicators on the home screen in the Sonim Enduro phone:

Display Indicators	Name	Description
	Incoming Call	Indicates an incoming call.
	Outgoing Call	Indicates an outgoing call.
	Missed Call	Indicates a missed call.

Manage Your Phone

Display Settings

You can activate and modify the display settings. Open the phone. Select **Menu > Settings > Display**.

1. **Wallpaper:** 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 or Micro SD card. The selected wallpaper is displayed on the home screen.
2. **Screen saver:** Activate the screen saver to appear on the idle screen. User can select the screensaver image.
3. **Screen save mode:** Set the phone idle time to Activate Screen Saver if the phone is idle for specific time.
4. **Backlight level:** Select the brightness level for the backlight of the screen.
5. **Backlight time-out:** The screen display is active for the set time period.

Tone settings

You can set the tone for incoming calls, messages, and keypad. Open the phone. Select **Menu > Settings > Tone settings**.

1. **Incoming call alert:** You can set the alert type for incoming calls. You can select Off, ringing, ascending, ring once or beep once.
2. **Ring tone:** You can set the tone for incoming calls.



You can download and store ring tones over Bluetooth or WAP. These ring tones will be stored in **My files**. The supported ringtone formats are MIDI, MP3, WAV, AAC and AMR.

3. **Ring volume:** You can set the volume for ringtone.
4. **Vibrating alert :** You can enable or disable vibrating alerts for incoming calls.
5. **Message alert tone:** You can set the alert type to pre-defined alert tone, or tones from My files folder or silent, for incoming messages.
6. **Keypad tones:**You can set the volume of the keypad tone.
7. **Application tones :** You can enable or disable audible tones when applications are running.

Date and Time

You can set and display the date and time on the phone. You can also select the display format.

To set the Date and Time, Open the phone. Select **Menu > Settings > Date and time > Date & time settings**.



The date and time cannot be manually changed if Auto-update is enabled.

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



The date formats supported are DD-MM-YYYY, DD-MM-YY, MM-DD-YYYY, MM-DD-YY, YYYY-MM-DD, YY-MM-DD. You can use ., /, - or blank space separators. The time formats supported are 24 Hr and 12 Hr.

Auto-update of time: This feature allows the phone to automatically synchronize the time to the network time. Please note that this feature has to be supported by the network.

Shortcuts

Shortcuts are the navigation keys that can be set for specific functions. To assign specific function to the keys,

Open the phone. Select **Menu > Settings > Shortcuts > Select a key > Change**. You can also change the specific function previously assigned to the key.

Phone Settings

You can set the general phone settings for easy access.

Language

You can change the phone's interaction language by selecting your preferred language. For example, open the phone. Select **Menu > Settings > Phone settings > Language > English** to display all menu items, user feedback messages and text entry language in English.

Memory Status

You can view the memory used for storing my files, messages, application and tools. Open the phone. Select **Menu > Settings > Phone settings > Memory status**.

The memory usage of phone memory and SD card is displayed.

Automatic Keyguard

To enable or disable Automatic Keypad lock, Open the phone and select **Menu > Settings > Phone settings > Automatic keyguard**.

DTMF Tones

You can set the DTMF Tone Type and Tone length. Open the phone. Select **Menu > Settings > Phone settings > DTMF Tones**.

Startup Tone

You can enable or disable the pre-defined startup tone. Open the phone. Select **Menu > Settings > Phone settings > Start-up tone**.

Switch Off Tone

You can enable or disable the pre-defined power off tone. Open the phone. Select **Menu > Settings > Phone settings > Switch off tone**.

Welcome Note

You can display customized welcome note whenever the phone is powered On. Open the phone. Select **Menu > Settings > Phone settings > Welcome note**.

Hearing Aid

To enable coupling with a hearing aid device operating in

telecoil/microphone mode, Open the phone and select **Menu > Settings > Phone settings > Hearing aid > On**. Once HAC is enabled, the **HAC** symbol is displayed in the indicator bar. Select **Off** to disable this feature.



While using the mobile phone for voice calls with hearing aid, slightly adjust the position of the phone against the ear to reduce the interference and to give better voice quality.

Data Charge Alert

To enable or disable airtime charge alerts during Web browsing, select **Menu > Settings > Phone settings > Data charge alert > Enable**. Select **Disable** to disable this alert.

Security

To prevent unauthorised use of your phone, you can enable the following security settings.

To change the security settings, open the phone. Select **Menu > Settings > Security**. Enter the lock code and select **OK**.



The default lock code is **last 4 digits of your MDN number**.

Change Lock Code

This function enables you to change the phone lock code,

1. Open the phone.

2. Select **Menu > Settings > Security > Change lock code**.
3. Enter the new lock code and select **OK**.

Call Restrictions

This function enables you to avoid receiving unnecessary calls. To configure call restrictions,

1. Open the phone.
2. Select **Menu > Settings > Security > Call restrictions**.
3. Select **Restrict sent** Calls to block outgoing calls to the numbers added to the blocked Numbers, or to enable outgoing calls only to the numbers included in the allowed Numbers.
4. Select **Restrict received** Calls to block incoming calls from the numbers added to the blocked Numbers, or to enable incoming calls only to the numbers included in the allowed Numbers.

Phone lock

In the phone lock mode, the phone can be unlocked only by entering a password. To enable phone lock password,

1. Open the phone.
2. Select **Menu > Settings > Security > Phone lock**.
3. Select one of the following options:

Options	Description
Off	Disables phone lock

Options	Description
Lock now	Locks the phone immediatly.
On power-up	Locks the phone when the phone is powered On.

Voice Privacy

This function enables you to encrypt voice channel. To configure voice privacy,

1. Open the phone.
2. Select **Menu > Settings > Security > Voice privacy**.
3. Select **ON/OFF** to enable or disable voice privacy.

Restore Factory Settings

To restore factory settings, open the phone. Select **Restore settings only**.

To restore factory settings and delete personal data present in your phone, select **Restore all**.



If you select Restore all, you cannot retrieve the personal data and the phone will restart automatically.


Phone Details

Select to view the user information such as phone number and mobile identification number, and software and hardware version details.


Managing Calls

This section provides information on managing calls.

Dial a Number

1. Use the numeric keys to enter the number and press .
2. Alternatively you can enter the desired phone number and select **Options > Call**.



Dial an International Number

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

Dial a Number via Contacts



You can dial a number directly from the Contacts.

To Locate a Phone Number

1. On the home screen, select **Contacts**. Scroll to the phone number.
2. Press  to dial the number OR press Center key to make a call.
3. Press  or select **Options > End call** to disconnect.

Dial a Number via the Call History

The Call history comprises separate lists for Call log, Missed calls, Dialed and Received calls.

1. To access the Call history, press  OR select **Menu > Call history**. All the available call history is displayed.
2. Select a list, scroll to the number and press  to dial the number.

Managing Call History

You can view the details related to a specific call or perform tasks, based on the following options:

- **Time of call :** You can view the details of the call such as the number, call time and date, and call timer.
- **Send message:** You can send an SMS or MMS to the number. Enter the SMS or MMS and select **Options** to view the SMS options and send it accordingly.
- **Edit number:** You can edit the number before dialing. You can also save the number to the phonebook.
- **Save:** You can save the number in phonebook (if it is not saved). This option is displayed only if the number is not saved.
- **Add to contact:** You can add the number to an existing contact in the phonebook. This option is displayed only if the number is not saved.
- **Delete:** You can delete the number from the Call history.
- **Call:** You can call the selected contact.

Call Timers

- To view the total time spent on the last call, select

Menu > Call history > Call timers > Last call.


- To view the total time spent on outgoing calls, select **Menu > Call history > Call timers > Dialed calls.**
- To view the total time spent on incoming calls, select **Menu > Call history > Call timers > Received calls.**
- To view the total time spent on both incoming and outgoing calls, select **Menu > Call history > Call timers > All calls.**
- To view the total time spent on both incoming and outgoing calls connected till the current date, select **Menu > Call history > Call timers > Life timer.**
- To reset the time of all calls, select **Menu > Call history > Call timers > Clear timers.** Enter the phone lock code as the password to delete the call timer.

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.**



Long pressing (press and hold) the Power on/off key  during a call will switch off the phone.

Auto Redial

When auto redial is 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 > Automatic redial > On.**
2. If the attempt to call is not successful, you will be prompted with the message **Auto redial?** Select **OK** to redial. Select **Back** to return to home screen.

Speed Dial

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

1. Select **Menu > Settings > Call settings > 1-touch dialing.** Select **Status > On.** The shortcut is set.
2. To add a new contact, select **Menu > Phonebook > 1-touch dialing.** Select the number key (from 2 to 9) to which you want to assign the speed dial. Select the contact from the phonebook and save. The Speed dial is set.
3. To make a call, press and hold the shortcut designated number key for Speed dial from home screen.

Auto-Service Update

Select **Menu > Settings > Call settings > Auto-service update > On** to receive automatic service updates from the service provider.

International Prefix

You can select **Menu > Settings > Call settings > International prefix** and enter the default ISD code to be prefixed when dialling international calls.

Data Calls

Select **Menu > Settings > Call settings > Data calls > Data rate display > Graphic** to view the data transfer rate . Select **OFF** to disable this feature.

Call Summary

You can select **Menu > Settings > Call settings > Call Summary > On** to view the call summary.



In-Call Timer

You can select **Menu > Settings > Call settings > In-call timer > On** to activate the call time display.

Message Response

You can select **Menu > Settings > Call settings > Message response** to send automatic SMS response when you are unable to answer a call. You can edit the default response.

Receive a Call

1. To answer a call, press the **Accept** key  OR press **Left Selection** key. Select **Accept**.
2. To reject a call press the **Power on/off** key  OR **Left Selection** key. Select **Reject**.

Managing Contacts

You can use the phonebook to maintain phone numbers of your contacts. This feature enables you to add, delete, dial phone numbers, send SMS and MMS messages. To access the contacts, select **Contacts** from the home screen or select **Menu > Phonebook > Contacts**. The contacts are displayed.

Add a New Contact

- To add a new contact, select **Contacts > Add** (if the phonebook is empty) or **Options > Add new contact**. Enter the name and phone number and select **Save**.
- You can also add a contact from Call history menu (refer “Managing Call History” on page 30) and Write message menu (refer “Write Message” on page 37).

The new number is updated in the Contacts list.

View the Contact Details

On the home screen, select **Contacts**. Select the contact and press the **center** key to view the **details**.

Sending a Message from Contacts

You can send SMS and MMS messages to the contacts.



Unsent messages will be saved to **Drafts**, automatically.

Sending SMS

- On the home screen, select **Contacts**.



- Select the contact.
- Press the Center Key to view the **Details**.
- Select the number and select **Options > Send message > Text message**.
- Enter the message and select **Send** or select **Add > Insert contact/number**, to select additional recipients.
- Select **Send**, to send the message.

Sending MMS

- On the home screen, select **Contacts**.
- Select the contact.
- Press the Center Key to view the **Details**.
- Select the number and select **Options > Send message > Multimedia message**.
- Select **Options > Add object**, to add an attachment.
- Enter the message and select **Send** or select **Add > Insert contact/number**, to select additional recipients.
- Select **Send**, to send the message.

Dialing a Number from Contacts

On the home screen, select **Contacts** and do one of the following:

- Select **easy call** key , to call the default number assigned for that contact.
- Select the contact and press the center key to view the details. Select the number to call and press .

or the **center** key to call.

Edit the Contact Details

You can enter or edit the contact details. On the home screen, select **Contacts**. Select the contact. Select **Options > Edit contact**.

Delete Contact

To delete a contact, On the home screen, select **Contacts**. Select the contact and select **Options > Delete contact > A message appears Delete all details?** Select **Yes** to delete.

Sending Contact

You can send contact information by SMS, MMS or Bluetooth.

Send Contact by SMS

1. In the home screen, select **Contacts**. Select the contact and press the center key to view the details.
2. Select **Options > Send business card > Via text message**.
3. Select the recipients from the Phonebook.
4. Select **Send**, to send the contact information.

Send Contact by MMS

1. In the home screen, select **Contacts**. Select the contact and press the center key to view the details.
2. Select **Options > Send business card > Via**

multimedia message.

3. Select the Details to be send.
4. Select the recipients from the Phonebook.
5. Select **Send**, to send the contact information.

Send Contact by Bluetooth

1. In the home screen, select **Contacts**. Select the contact.
2. Select **Options > Send business card > Via bluetooth**.
3. Select the device from **Devices found** list .
4. When the other device accepts the contact, **Business card sent** message will be displayed.

Selecting Multiple Contacts

To select specific contacts, scroll to the required contacts and do one of the following:

- Select **Options > Mark**.
- Select **Options > Mark all** to select all the contacts in the phone book. Once the contacts are marked, the following options are displayed:

Options	Function
Delete marked	You can delete all the selected contacts.

Mark all	You can select all the contacts in the phonebook. This option is displayed only if all the contacts are not selected.
Unmark all	You can unmark all the selected contacts.

Caller Groups

You can create a new group, add a new contact to the group, and manage the groups.

- To create a new group, select **Menu > Phonebook > Groups > Add** (if there are no groups) or **Options > New group**. You can assign a name, ring tone and picture for the group.

- To add a new contact in a group, in the home screen, select **Contacts**. Select the contact and press the center key to view the details. Select **Options> Add to group**. Select a group.

OR

- Select **Menu > Phonebook > Groups**. Select the group. Select **View > Add**. The phonebook is displayed. Select the phone numbers to be added to the group.
- To manage a group, select **Menu > Phonebook > groups**. Select a group and then select **Options**. The following options are displayed.

Options	Function
New group	Create a new group.

Group details	Rename the group, assign a ring tone, and add a picture to the group.
Delete group	You can delete the group.

Phonebook Settings

To view or define settings for your phonebook, select **Menu > Phonebook > Phonebook settings**.

- Name display:** Configure the contact's first name or last name to be displayed first.
- Memory status:** View the number of contacts stored in the mobile phone.

Delete all Contacts

You can delete all the contact records stored in the phone memory. 35

Searching Contacts

- In the home screen, select **Contacts > Options > Find**.
- Enter the contact name. The contact will be displayed.

Messages

SMS and MMS are convenient and inexpensive means of communication. You can send a text message to other people using SMS service. MMS allows you to send messages with multimedia content such as pictures, audio files, video files, and so on.



The MMS facility is available only if you subscribe it from your network operator.

To access the messages function select **Menu > Messages**.

Message Settings

SMS Settings

Select **Menu > Messages > Text message > Message settings** to edit the following SMS settings:

Settings	Function
Priority	Set the message priority to Normal or Urgent .
Delivery report	Receive a confirmation report whether or not the message has been delivered.
Message validity	Set the period for which the text message will be valid.
Save sent message	You can save the sent messages.

Send callback no.	You can add the callback number in the message.
Signature	You can add a signature to your message.

MMS Settings

Select **Menu > Messages > Multimedia message > Multimedia message settings**, to edit the following MMS settings:

Settings	Function
Save sent messages	You can save the sent messages.
Message validity	Set the period for which the text message will be valid.
Delivery report	Receive a confirmation report whether or not the message has been delivered.
Slide timing	Set slide display timings.
Allow multimedia message receptn.	Enable or disable reception of multimedia messages in roaming/home network.
Received multimedia message	Select the option to manually accept a multimedia message, download or reject the multimedia message.

Allow ads	Enable or disable download of multimedia advertisements.
Multim. center server	Set the server details received from the service provider to send/receive multimedia messages.

Write Message

You can create SMS and MMS messages.

SMS Messages

- To create a SMS message select **Menu > Messages > Text message > Write message**.
- Enter the message in the text pane. The text input mode is displayed at the top left of the screen. Press and release # to select the appropriate text input mode (refer "Text Input Mode" on page 42).
- Enter the message and select **Options**. The following options are displayed:

Options	Function
Send	You can send the message.
Clear field	Clear the contents in the message pane.
Insert contact	Select and add a contact from the phonebook, to the message.
Insert number	Select and add a number from the phonebook, to the message.

Insert symbol	Select the required symbol to include in the message.
Mark text	Mark a part of the message text, to copy and paste.
Mark all	Mark the complete message, to copy and paste.
Writing language	Select the input languages.
Prediction options	Set the input options to T9, add a new T9 word, alphabetic prediction.
Cancel message	Delete the message before it is sent.

- Select **Add** and select the recipients of the message.
- Select **Options > Send**, to send the message.

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MMS Messages

- To write a MMS message select **Menu > Messages > Multimedia message > Write message**.
- Enter the message in the text pane. The text input mode is displayed at the top left of the screen. Press and release # to select the appropriate text input mode (refer "Text Input Mode" on page 42).
- Enter the message and select **Options**. The following options are present:

Option	Function
--------	----------

Add object	Add multimedia objects such as an image, video, audio, Vcards and slides.
Send	You can send the Multimedia message.
Preview	You can preview the message before sending.
Clear field	Clear the contents in the message pane.
Insert contact	Select and add a contact from the phonebook, to the message.
Insert number	Select and add a number from the phonebook, to the message.
Insert symbol	Select the required symbol to include in the message.
Writing language	Select the input languages.
Prediction options	Set the input options to T9, add a new T9 word or alphabetic prediction.
Save message	Save the message as a draft in Draft folder.
Mark text	Mark a part of the message text, to copy and paste.
Mark all	Mark the complete message, to copy and paste.

Cancel message	Delete the message before it is sent.
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4. Select **Add** and select the recipients of the message.
5. Select **Options > Send**, to send the message.

Configuring E-mail Accounts

You have to configure and create an e-mail account to access the e-mail functionalities.

1. To create an e-mail account **Menu > Messages > E-mail message > No e-mail account. Create an account now? > Select Yes.**
2. Enter the name of e-mail account.
3. Enter the e-mail address.
4. Select the required protocol for incoming mail server: **POP3 or IMAP4.**
5. Enter the **User name** and **Password** under **Login information** to access the e-mail account.
6. Enter the following **Download settings (Download sett.):**
 - **Retrieve mode:** You can retrieve the whole e-mail or only headers.
 - **No. of mails shown:** You can set the number or e-mails to be retrieved from the server. The default value is 30.
 - **Del. original after retrieval:** Select No to store the original e-mail in the server.
 - **Maximum size of retrieval:** Set the maximum download size per mail.

7. Enter the following **Incoming mail settings (Incoming mail sett.)**.
 - **Incoming POP3/IMAP4 serv.** : The name of the incoming mail server.
 - **Security:** Enable or disable secure mail server connection.
 - **Port:** The port number to connect to the mail server.
8. Enter the following **Outgoing SMTP server (Outgoing sett. (SMTP)) settings**.
 - **Outgoing SMTP serv.** : The name of the outgoing mail server.
 - **Reply-to address:** The e-mail address to which the reply is send by the receiver.
 - **SMTP authentication:** Enable or disable SMTP authentication.
 - **SMTP user name:** The username to access SMTP server.
 - **SMTP password:** The password to access SMTP server.
 - **Security:** Enable or disable secure mail server connection.
 - **Port:** The port number to connect to the mail server.
 - **Email msg. priority** : The default priority for set for the outgoing messages. The default priority is **Normal**.

The e-mail account is saved.

Managing Email Box

You can configure the e-mail box settings to modify the mailbox view, include signature and reply with the original message .

To configure e-mail box settings **Menu > Messages > E-mail message > Email settings**. Enter the following options:

- **Reply with orig. msg.** : Select Yes/No to include original message in the reply.
- **Include signature** : Select Yes/No to include a signature in the reply. You can edit the signature if you select Yes.
- **Email box view:** Set the e-mail box view to single or double row.
- **Edit mailbox:** Edit the e-mail settings.

Managing Email Messages

You can send, receive, and manage e-mail messages. To access, select **Menu > Messages > E-mail message**.

Write Email

1. To write an e-mail, select **Menu > Messages > E-mail message > New e-mail**.
2. Enter the following details:
 - **To:** You can enter the recipient's e-mail address. Select **Options > Add Cc/Bcc** to include e-mail address in Cc or Bcc.

To set the message priority, select **Options > Sending options > Email msg. priority**.

- **Subject:** You can enter the subject of the e-mail. Select **Options > Insert** to include an attachment.
- **Message:** Enter the contents.

3. Select **Send** or **Options > Send**.



The E-mail account has to be configured and activated to access the e-mail messages.

Manage Message Folders

The inbox, draft, outbox and sent folders display the number of stored messages in parenthesis.

Inbox

The Inbox stores and displays all the incoming SMS, MMS and e-mail messages.

1. To access the SMS Inbox, select **Menu > Messages > Text message > Inbox**. The Inbox displays a list of SMS messages.

To access the MMS Inbox, select **Menu > Messages > Multimedia message > Inbox**. The Inbox displays a list of MMS messages.

To access the Email Inbox, select **Menu > Messages > E-Mail message > Inbox**. The Inbox displays a list of e-mail messages.

2. Scroll to a message and select **Options** to view the following list of options.
 - **Delete:** Delete the message.
 - **Reply:** Send a text /MMS message to the

sender of that message.

- **Forward:** Send the same message to another recipient.
- **Number of messages :** View the number of messages stored in the phone.

3. To open a message, scroll to a message and press the **Menu** key.

4. Open the message and select **Options** to list the following options: **Delete, Save detail, Forward, Mark text,** and **Copy all**.

Drafts

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

1. To access unsent SMS messages, select **Menu > Messages > Text message > Drafts**.
To access unsent MMS messages, select **Menu > Messages > Multimedia message > Drafts**.
To access unsent e-mail messages, select **Menu > Messages > E-Mail message > Drafts**.
2. Select **Options** to view the following list of options.
 - **Edit text:** Edit the message and send it.
 - **Delete:** Delete the message.
3. Press the **Menu** key to view the message.
4. Open the message and select **Options** to list the following options: **Delete, Mark text,** and **Copy all**.

Outbox

Messages that were undelivered to the recipient due to some reason are stored in Outbox.

- To access undelivered SMS messages, select **Menu Messages > Text message > Outbox**.
To access undelivered MMS messages, select **Menu Messages > Multimedia message > Outbox**.
To access undelivered email messages, select **Menu Messages > E-mail message > Outbox**.
- Select **Options** to view the following list of options.
 - Delete:** You can delete the message.
 - Message status:** You can view the sending status of the message.
- Press the **Menu** key to view the message.
- Open the message and select **Options** to list the following options: **Delete, Message status, Save detail, Forward, Mark text, and Copy all**.

Sent Messages

Messages that have been sent and delivered are stored in **Sent**.

- To access sent SMS messages, select **Menu > Messages > Text message > Sent**.
To access sent MMS messages, select **Menu > Messages > Multimedia message > Sent**.
To access sent email messages, select **Menu > Messages > E-mail message > Sent**.
- Select **Options** to view the following list of options.
 - Delete:** You can delete the message.

- Message status:** You can view the sending status of the message.
- Resend:** You can resend the message.
- Forward:** You can send the message to another recipient.

- Press the **Menu** key to view the message.
- Open the message and select **Options** to list the following options: **Edit message, Message status, Resend, Forward, Save detail, Mark text, and Copy all**.



The messages are saved in Sent, only if it is activated in **Menu > Messages**. Refer "[Message Settings](#)" on page 36.

Deleting Messages

To delete messages select **Menu > Messages > select one of the message types > Delete message**.

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. To set voice mail number, select **Menu > Messages > Voice mail > Voice mailbox no**. Enter the number provided by your service provider. Select **Save**. This number should be used when you want to listen to your stored voice mail messages.

When you need to listen to your incoming voice mail messages, select **Menu > Messages > Voice mail > Listen to voice msgs**. You are connected to your mailbox where you can hear the stored voice mails

messages.

You can also select **Menu > Messages > Voice mail > Voice mailbox no.** to edit the voice mail number.



For quick access to voice mail, press and hold **1**.

Text Input Mode

When you enter text for messages and notes, the input mode is displayed at the top left of the screen. Press and release the **#** key to view the different text input modes, that is conventional (Abc/ABC/abc).

In conventional mode, you can enter a letter by repeatedly pressing a key until the letter you want appears. Numeric mode is used to input numbers.

In T9 mode, when you press a key, the alphabets or letters are displayed. Scroll to the alphabet or letter and press the **Menu** key to select.

1. To switch between upper case (ABC), lower case (abc) or sentence case (Abc), use key **#**. When the sentence case is used, the letter which comes immediately after the characters full stop (.), exclamation mark (!) and question mark (?) automatically becomes capital.
2. 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.
OR
If you are in T9 mode, press **4** once. Press **6** twice.

Press **3** once and the word GOOD appears. To accept, press **1**.

3. To insert a space between characters or words when editing text, press **1**.
4. To erase a character select **Clear**.

To insert special characters, press ***** to display the special characters. Press the **navigation** keys to scroll through the special characters. Select the character to appear in the text.

Press and hold # to display the Editor settings. Press the **Menu** key to select the language. Select **Done** to change the text input language.

Profiles

You can activate and modify various settings on your Sonim Enduro phone using Profiles.

On the home screen, select **Menu > Settings > Profiles** to display the profile list.

You can customise the profiles to use features such as incoming call alert, ring tone, ring volume, vibrating alert, message alert tone, keypad tones, application tones and alert for settings. The environment profiles present in this phone are : General - default profile, Home, Meeting, Outdoor, Silent, and Flight mode.



You cannot change the parameters for the Silent mode and flight mode.

- **General:** This is the default profile where all sounds are enabled. Parameters in this mode can be changed. Select **Menu > Settings > Profiles > General > Edit >** to open the Customize screen. You can use this screen to choose tone settings, ring volume, alert type, and ring type. Select **Menu > Profiles > General > Activate** to activate this profile.
- **Home:** Select **Menu > Settings > Profiles > Home > Edit** to open the Customize screen. You can use this screen to choose tone settings, ring volume, alert type, and ring type. Select **Menu > Profiles > Home > Activate** to activate this profile.
- **Meeting:** The default ring tone is beep. Parameters in this mode can be changed. Select **Menu > Profiles > Meeting > Edit** to open the Customize screen. You can use this screen to choose tone settings, ring volume, alert type, and ring type.

Select **Menu > Profiles > Meeting > Activate** to activate this profile.

- **Outdoor:** Here both the vibrate and ring modes are enabled. Parameters in this mode can be changed. Select **Menu > Settings > Profiles > Outdoor > Edit** to open the Customize screen. You can use this screen to choose tone settings, ring volume, alert type, and ring type. Select **Menu > Profiles > Outdoor > Activate** to activate this profile.
- **Silent:** Here all sounds are kept in mute. Select **Menu > Profiles > Silent > Activate** to activate this profile. You can also **press and hold** the # key to activate the silent mode.



Alarm tone will be played even in Silent profile.

- **Flight:** Select **Menu > Profiles > Flight** to open the Flight mode screen. Select **Flight** to activate this profile. In this mode, you cannot make or receive calls but can play Media player. You can deactivate the flight mode only by selecting **Menu > Profiles > Flight > Normal** or by activating other mode.

Managing Your Files

Using the **My files** menu, you can store and manage audio files, and image files. You can preview the files, view their details and delete files. The internal storage capacity is approximately 170 MB.

1. To view your files select **Menu > My files**.
2. Scroll to a folder and select **Open**, to open the folder. The listed folders are:
 - **SD Card (Optional)** - stores images and music files. This option will be displayed only if SD card is inserted in the phone.
 - **Images** - stores the images captured using built-in camera
 - **Videos** - stores the Videos captured using built-in camera
 - **Music** - stores downloaded music files
 - **Graphics** - stores downloaded image files
 - **Audio** - stores ring tones and alert tones
 - **Sounds** - stores audio files recorded using built-in voice recorder
 - **Others** - stores the files transferred using Bluetooth and MMS message.
3. For pictures, select the images that you would have saved. For sounds, select the audio files that you would have saved.

Scroll to the folder and select **Options** to display further options.

The following Options are provided for managing the folders.

Options	Function
Delete folder	Delete the folder.
Move folder	Move the folder to a different location.
Rename folder	Rename the folder.
Details	View the creation date, size, and copyright details of the file.
Format view	Set the format to view the images as list, list with details or grid.
Sort	Sort the images by name, date, format, and size.
Add folder	Create a new folder.
Memory status	View the memory used and free memory in MB.
Mark	Select the images one by one and select Options to delete, send, move or copy the marked images.
Mark all	Select all the images and select Options to delete, send, move or copy the marked images.

4. Scroll to file from the displayed list and select **Options** to display further options.

The following options are provided, for an image file.

Options	Function
Use image	Use the image as wallpaper, screen saver, and caller picture.
Delete	Delete the image.
Send	Send the image to any phone as a multimedia message, e-mail message or via Bluetooth.
Move	Move a file to different folder.
Copy	Copy a file to different folder.
Rename	Rename the image.
Details	View the name, size, created date, format, resolution and copyright of the file.
Format view	Set the format to view the images as list, list with details or grid.
Sort	Sort the images by name, date, format, and size.
Add folder	Create a new folder.
Memory status	View the memory used and free memory in MB.
Mark	Select the images one by one and select Options to delete, send, move or copy the marked images.

Mark all	Select all the images and select Options to delete, send, move or copy the marked images.
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The following options are present, for an audio file.

Option	Function
Use tone	Set the audio file as ringtone, alarm, calendar or contact tone.
Delete	Delete the audio file.
Send	Send the audio file to any phone as multimedia message, as an e-mail, or via Bluetooth.
Move	Move a file to different folder.
Copy	Copy a file to different folder.
Rename	Rename the audio file.
Details	View the name, size, created date, format, length and copyright of the file.
Format view	Set the format to view the audio files as list, list with details or grid.
Sort	Sort the audio files by name, date, format, and size.
Add folder	Create a new folder.
Memory status	View the memory used and free memory in MB.

Mark	Select the audio one by one and select Options to delete, send, move or copy the marked audio files.
Mark all	Select all the audio files and select Options to delete, send, move or copy the marked audio files.

Calendar

The calendar enables you to set appointments, schedule reminders when required, set alerts and repeat specific settings. Tasks can be viewed on daily and monthly basis.

- To access the Organizer and its associated functions, select **Menu > Calendar**. The calendar for the current month/date is displayed. Use the navigation keys to navigate across months/dates.
- Select **Options** to view the list of options available.
 - Make a note:** Add a new note for a specific date.
 - Go to date:** You can go to a particular date and view the events for that date.
 - Go to today:** You can access the current date.
 - Delete event:** You can delete events based on following options: All until today, All in time period, and Delete all.
 - Settings:** Edit the following calendar settings:

Settings	Function
Date & time settings	Set the date and time format. You cannot modify this setting if auto-update of time is On .
Default view	Set the default view to month or day view.
Week starts	Set the starting day of the week.
Calendar tone	Set the alert for calendar events.

Edit Events

Select **Menu > Calendar > View**. Select the event. Select **View > Edit**. Make the changes. Select **Save**.

Select **Options** to view the list of available options:

- Make a note:** Add a new note for a specific date.
- Delete:** Delete the specific event.
- Edit:** Edit the specific event
- Save Detail:** Use the details such as phone number, URL and E-mail address.
- Send note:** Send the note via SMS or Bluetooth.
- Month view :** View the calendar in month format.
- Go to date:** You can go to a particular date and view the events for that date.
- Go to today:** You can access the current date.
- Delete event:** You can delete events based on following options: All until today, All in time period, and Delete all.
- Settings:** Edit the calendar settings:

Tools

This section contains miscellaneous features supported by the handset.

Alarm

You can set alarm for a particular time. Select **Menu > Tools > Alarm**.

1. To set a simple alarm, set the alarm time and select **Repeat > Off**. Select **Save**.
2. To set a recurrent alarm set the alarm time and select **Repeat > On**. Select **Repeat Days** and select **Save**.
3. To set snooze time, set the alarm time in minutes and select **Save**.
4. To set the alarm tone, select **Menu > Tools > Alarm > Alarm tone**. Select the alarm tone.



The alarm will work even if the phone is in Silent mode.



The alarm will work even if the phone is switched off.

Notes

Select **Menu > Tools > Notes** to store the required information. Use **Options** to add, edit or delete notes.

To-do List

Select **Menu > Tools > To-do list** to store the required information.

Click **Options** to perform the following tasks:

Options	Description
Add	Add a new To-do note.
Delete	Delete the selected note
Mark note as done	Mark the selected note as completed
Save detail	Use the phone number, e-mail address or the URL present in the note to <ul style="list-style-type: none">• add to contacts• call the contact• send e-mail or message• send the details to another number• access the Website
Sort by deadline/priority	Sort the list based on priority or deadline
Send	Send the selected note to another contact as SMS or using Bluetooth.
Delete notes	Delete multiple notes till the current date or all the notes.
Go to Calendar	Access the calendar to view saved schedules.
Save to Calendar	Mark the selected task in the calendar

Calculator

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

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

Navigation Key	Operation
Up	+ (Addition)
Down	- (Subtraction)
Left	* (Multiplication)
Right	/ (Division)
* key	Decimal point
# key	Toggle between +/- sign to enter negative numbers

4. After performing the calculations, press the **Menu** key for the final result.



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

Stopwatch

Select **Menu > Tools > Typical stopwatch** to start and stop the timer, as required.

World Clock

You can view the time of major cities in different time zones using this function.

Select **Options** to modify the following settings:

Options	Description
Active Cities	Set the active cities to be displayed in the World clock. Select Details to view the details about the specific city. Select Replace to change the city.
Current Time Zone	Set the current time Zone.
Time format	Set the time format to 12 Hr or 24 Hr clock.
DST set	Set the daylight saving time for the selected city to <ul style="list-style-type: none">• 0 (Wintertime) - no daylight saving.• +1 hour - add an hour to DST.• +2 hours - add 2 hours to DST.

Unit Converter

You can convert one type of physical units to another type. Select **Menu > Tools > Unit converter**.

1. Select **Options > Set conversion**, to set the conversion unit.
2. Select **Options > Reverse conversion**, to swap the conversion units.
3. Select **Options > Configure**, to add new conversion units or edit the conversion values for existing units.

Browser

This mobile phone has an internal browser that allows you to browse contents of various 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. Some browser settings have already been set to a specific network operator. If you utilize the services of the same network operator you can directly use the data service with the available configuration.



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

Select **Menu > Browser**. The following sub menus are displayed:

- **Go home:** This is the page that is displayed first when you open the WAP browser.
- **Go to URL:** You can enter a web address directly and browse.
- **Reload :** Refresh the current Web page.
- **History:** You can view web pages which you have viewed previously. Click them to open the pages.
- **Bookmarks:** You can 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.
- **Push inbox:** This is the inbox for push messages.
- **Save items:** You can save the images present in the

current Webpage.

- **Downloads:** View the list of downloads.
- **Optimized screen:** View the browser in full screen mode or desktop mode.
- **Page map:** View the entire page by scrolling across the page
- **Search in page:** Search for specific terms in the current page.
- **Settings:** Edit the browser settings and clear cache.
- **Page Info:** View information about the current Web page
- **Browser Info :** View browser-related information.
- **Exit:** Click to exit the browser.

Managing Connectivity

You can access the phone using Bluetooth and USB.

Bluetooth

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

The Sonim Enduro is compliant with Bluetooth specification 2.0 supporting the following profiles: Headset profile : HFP, HSP, GAVDP, AVRCP, OPP, IOPT, FTP, and A2DP. 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 providers.

Activate Bluetooth

Select **Menu > Settings > Bluetooth > Bluetooth > On**. Use the **Menu** key to toggle between on and off. When Bluetooth is activated, the Bluetooth icon is displayed on the home screen.

Deactivate Bluetooth

Select **Menu > Settings > Bluetooth > Bluetooth > Off**. Use the **Menu** key to toggle between on and off.

Active Devices

Select **Menu > Settings > Bluetooth > Active device**, to view the list of Bluetooth car kits and headsets, connected to your phone.

Pairing Devices

Phones paired with your Sonim Enduro will be displayed under Paired Devices. To connect a phone :

1. Select **Menu > Settings > Bluetooth > Paired devices > New** or **Options > Pair new -device**.
2. Select the device of your choice. Select **Pair**.
3. Enter the pass code (for example, **0000**) in the Enter pass code screen. The same pass code must be entered for the other device also.
4. Select **Yes**.
5. When the other device accepts your request the message **Pairing done** is displayed on the screen.
6. When the other device rejects your request the message **Pairing failed** is displayed on the screen.



Prior to pairing the devices, ensure that the visibility settings for the pairing devices are activated. To activate the visibility settings, select **Menu > Settings > Bluetooth > Visibility > On**.



Do not pair with an unknown device for security reasons.

Connecting a Bluetooth Headset

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

1. Select **Menu > Settings > Bluetooth > Search audio enhanc..**

2. Select **Select**.
3. Select **Options > Connect**.



For more details, refer the user manual of the Bluetooth headset.

Rename Paired Device

1. Select **Menu > Settings > Bluetooth > Paired devices**.
2. Select the paired device.
3. Select **Options > Settings > Rename**.
4. Enter the new name.
5. Select **OK**.

Delete Paired Device

1. Select **Menu > Settings > Bluetooth > Paired devices**.
2. Select the paired device.
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.

Bluetooth Device Name

1. Select **Menu > Settings > Bluetooth > My phone's name**.
2. Enter the new name.

3. Select **OK**.

Sending Data via Bluetooth

You can transfer files to another compatible device.

1. Select **Menu > My files**.
2. Select the folder containing the file to be transferred.
3. Select the file.
3. Select **Options > Send > Via bluetooth**.
4. Select the paired device to which you want to send the file.
5. When the other device accepts your file, the message "**N item(s) sent**" is displayed on the screen.
6. When the other device rejects the file, the message **Bluetooth connection failed** is displayed on the screen.

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Receiving Data via Bluetooth

To receive data using Bluetooth, your device should be Bluetooth activated and must be visible to other devices.

1. When you receive a data, you are asked if you want to accept it.
2. Select **Accept** to receive data OR select **Reject** to refuse the data.
3. If you accept, the data will be stored in **Others**.

USB Function

The phone can be used as a mass storage device, when it connected to the computer via a USB cable and SD

card is inserted in the phone. The following two options are displayed:

- **Data storage:** Select this to use the USB cable as mass storage device to transfer and synchronize data between the Sonim Enduro phone and your computer.
- **Modem mode:** Select this to use the phone as a modem.



The phone starts charging when ever the phone is connected to the computer, using USB cable.



Ensure that SD card is inserted in the phone, before connecting it to the computer. Else, phone will display **No memory card found** message.

Camera

The Sonim Enduro has a 2 MP (megapixel) camera for taking pictures. The pictures can then be saved in your phone.

- Select **Menu > Camera** OR press the **camera** key. The camera is switched on.
- Select the **Menu** key OR press the **camera** key to shoot the picture. The picture is automatically saved in **Menu > My files > Images**.
- After clicking the picture, select **Options** to display the following options:
 - **New image:** Capture another picture.
 - **Send:** Forward the picture to another phone as multimedia message, e-mail or via Bluetooth.
 - **Add to contact:** Use the image as caller ID for a specific contact.
 - **Rename:** Rename the picture.
 - **Open My Files:** Open My files to view other pictures.

Select **Discard**, to delete the captured image.

Camera Options

To view the camera options, select **Menu > Camera > Press LSK**. The following options are displayed:

- **Video/Picture:** Use this option to switch to Video recorder mode or Camera mode, to shoot a video or take photographs.






The following options will be displayed depending on the selected camera mode.

- **Mute:** Capture video without background sounds.
- **Brightness:** Set the brightness to capture the image.
- **Flash :** Enable or disable automatic flash.
- **Night mode:** Enable or disable Night mode for the image shot at night.
- **Self-timer:** Enable the self-time and set it to 3, 5 or 10 seconds. The picture will be shot only after the set time, after pressing the **Menu** key.
- **Effects:** Select the required color effects for the image to be taken.
- **White balance:** Select the required white background color balance.
- **Open My Files:** Open My files to view other pictures
- **Settings:**
 - **Image size:** Select the picture size from the following options: **1600X1200, 1280X960, 640X480 and 320X240**.
 - **Video resolution:** Set the video resolution from the following Options : **176X144 and 128X96**.
 - **Default title :** Select the default title or set a new title.
 - **Image/video storage:** Set the default storage location for pictures.
 - **Camera sounds:** You can enable the shutter sound.

Entertainment

Voice Recorder

To record an audio file, select **Menu > Entertainment > Voice recorder**.

1. To record an audio file, select  and select **Menu** key.
2. To temporarily stop the recording, select  and select **Menu** key.
3. To continue with the recording, select **Menu** key.
4. To end the recording, select . The recorded audio file is stored under **My files > Sounds**. For more information refer "**Managing Your Files**" on page 44.
5. Select **Options** to access the following voice recorder options:

Options	Function
Play last recorded	Play the last recorded file.
Send last recorded	Send the last recorded file via multimedia message, Bluetooth or e-mail
Recording list	View the list of recordings stored in the Sounds folder
Select memory	Set the default memory to phone memory/ memory card/ other folders in My Files.

Video Recorder

To record a video file, Select **Menu > Entertainment > Video**.

1. To record video file, select **Record**.
2. To temporarily stop the recording, select **Pause**.
3. To continue with the recording, select **Menu** key.
4. To end the recording, select **Stop**. The recorded video file is stored under **My files**. For more information refer "**Managing Your Files**" on page 44.
5. Select Options to access the following video recorder options:

Options	Function
Delete	Deletes the selected file.
New video	Record another video
Send	Send the last recorded file via multimedia message, Bluetooth or e-mail
Rename	Rename the recorded file.
Open my files	Open My files to view other videos.

FM Radio

The FM radio is built-in and offers instant and easy access to FM radio channels in your phone. A wired headset must be attached to the phone, as the wire works as an antenna for the radio. To connect the headset to the phone, lift the cover with the headset sign located on the left side of the phone. You can then listen to the radio via the wired headset.



You should connect only 3.5 mm stereo headset to use the FM radio.

Select **Menu > Entertainment > Radio**. The radio starts playing. You can use the navigation keys to play, and search the required channel. You can search automatically for available Radio Stations. The detected stations are saved. Select **Options** to display the following options.

- **Radio Off:** Switch Off the radio.
- **Stations:** View the channels that have already been saved. Select a Station and **Menu** key to play.
- **Search all stations:** Search and save the radio channels, automatically.
- **Set frequency:** Enter the frequency to play a channel, manually.
- **Loudspeaker:** Select Loudspeaker to play FM radio

in the phone speaker.

Music Player

Use the built-in media player to play the audio files. To access media player, select **Menu > Music player**.



You can play .mp3, .wav, .amr, and .aac audio files.

To shuffle the songs, repeat the songs and set the equalizer, select **Menu > Music player > Options > Settings**.

To connect to a Bluetooth headset, select **Menu > Music player > Options > Play via bluetooth**.

Playlists

Select **Menu > Music player > Options > Go to music menu > Playlists**. You can view all the stored playlists. Select **Playlists** to display the following options:

- **Create play list:** Add a new playlist.
- **Now playing:** View the list of songs that are played.
- **Most played songs:** View the list of songs most played.
- **Recently added:** View the list of songs added to the list.
- **Recently played:** View the list of songs that are recently played.

You can create a playlist, highlight it and select **Options**. The following options are displayed:

Option	Function
Open	Open the audio file.
Add to playlist	Include a new file to the playlist.
Delete	Remove a file from the playlist.
Rename	Rename the playlist.
Playlist details	View the playlist name, song number, duration and location.

Micro SD (Secure Digital) Card

In Sonim Enduro phone, you can insert a removable Micro SD Card to increase the storage capacity. This card is inserted into the slot inside the phone. You can access your SD card from **Menu > My files**. You can perform the following functions on the SD card.

- Formatting of the SD card.
- Viewing memory details such as free space and total space.
- Access media files stored in the SD card and manage them in folders.



The maximum capacity supported is up to 8 GB.

Inserting Micro SD Card into the Phone

1. Ensure the phone is switched off.
2. Lift the battery cover and remove the battery. For instructions refer **“Inserting the Battery” on page 13**.
3. Slide and lift the silver clip over the designated slot located below the battery.
4. Place the SD card in the designated slot and close the silver clip.
5. Replace the battery and the cover. Turn the battery cover screws clockwise to lock the battery cover.



When the Sonim Enduro phone is connected to a computer using USB, the Micro SD card is displayed as a separate drive in the computer.

PC-Tools

Sonim Enduro PC Tools application provides synchronization of contacts, and media files between your computer and Enduro phone to ensure that both media have complete up-to-date data at the same time. You can also easily exchange/synchronize between a computer and an Enduro phone.

You can also use PC-tools for establishing dial-up connection, using the phone as MODEM.

Installation of PC-Tools

You can download the Mobile Phone PC Tools Installer from <http://www.sonimtech.com/support/downloads.php> and install as follows:

1. Connect to <http://www.sonimtech.com/support/downloads.php>.
2. Select the appropriate phone model.
3. Click **Accept** to accept the terms of the disclaimer and to continue downloading.
4. Select the destination folder in your computer to save the zipped file.
5. Navigate to the destination folder and click the **Sonim PC Tool.exe** file to install the PC-Tools on your computer.

Using PC-Tools with Enduro Phone

To use the PC-Tools with your Enduro Phone, do the following:

1. Click the **Sonim PC Tool icon** () on your computer desktop.

2. Connect the Enduro phone to the USB port of the computer using a USB cable.
3. Once the USB cable is connected, the USB config screen is displayed on the phone. Select **COM port** and click **OK**.
4. Use **PC Sync** application to synchronize data including contacts, between your computer and mobile phone to ensure both media have complete up-to-date data.



For complete information on PC-Tools installation procedures and using the PC-Tools, refer Enduro PC-Tools Installation and User Guide (english).

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You are granted this license for a term of the useful life of this Device. You can terminate this license by transferring all your rights to the Device on which you have received the Software to a third party in writing. If you fail to comply with any of the terms and conditions set out in this license, it will terminate with immediate effect. Sonim and its third party suppliers and licensors are the sole and exclusive owner of and retain all rights, title and interest in and to the Software. Sonim, and, to the extent that the Software contains material or code of a third party, such third party, shall be entitled third party beneficiaries of these terms. The validity, construction and performance of this license shall be governed by the laws of Delaware, United States.

Comprehensive 3 Year Warranty

Sonim provides this Comprehensive three year warranty

for your mobile phone (hereinafter referred to as “Product”).

To activate the three year comprehensive warranty, register your phone within 30 days at www.sonimtech.com/register.

Should your Product need service, please contact your local Sonim Customer Service Center. The online support and country specific contact information can be found at: www.sonimtech.com/support.

Our Warranty

Subject to the conditions of this Comprehensive 3 year Warranty Sonim warrants this product to be free from major defects in design, material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of Three (3) years.

What We Will Do

If during the guarantee period, this product fails to operate under normal use and service, due to defects in design, material or workmanship, Sonim’s authorised distributors or service partners, in the country/region where you purchased the product, will repair or replace at the sole discretion of Sonim, with the same or better model in the same or better condition. Sonim and its service partners reserve the right to charge a handling fee if a returned product is found not to be under warranty according to the conditions below.

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 Enduro is designated class IP68 for dust and water protection, according to the IEC Ingress Protection (IP) Standard 60529. This means that the phone is dust protected and can be submerged into 2m deep water for up to 30 minutes. Immersion in deeper water can damage it and must be avoided.

The Sonim Enduro 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 height of 2 meters. Subjecting the phone to stronger impact and forces can damage it and must be avoided.

Conditions

1. The warranty is valid only if the product has been registered within 30 days of date of purchase, and sonim reserves the right to refuse warranty service otherwise.
2. Should the phone not be registered, 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.
3. 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.

4. This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse or abuse, 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 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.

5. 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.
6. 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.
7. The 3 year warranty does not cover battery, accessories or any 3rd party SW applications, which are instead covered to the extent provided by the original vendor guarantee for these products.
8. THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SONIM OR ITS LICENSORS BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS; TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW. DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SONIM OR ITS LICENSORS BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS; TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

WARNING: Changes or modifications made to this equipment not expressly approved by Sonim Technologies, Inc. for compliance could void the user's authority to operate the equipment.

FCC Statement

The XP4400-A-R1 device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC Statement

The following is valid for the XP3400-A-R4 device:

1. This Class B digital apparatus complies with Canadian ICES-003.
2. This device complies with RSS-310 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service

To determine the compatibility of a WD and a particular hearing aid, simply add the numerical part of the hearing aid category (e.g. M2/T2=2) with the numerical part of the WD emission rating (e.g., M3=3) to arrive at the system classification for this particular combination of WD and hearing aid. A sum of 5 would indicate that the WD and hearing aid would provide normal use, and a sum of 6 or greater would indicate that the WD and hearing aid would provide excellent performance. A category sum of less than 4 would likely result in a performance that is judged unacceptable by the hearing aid user.

WHAT IS HEARING AID COMPATIBILITY?

The Federal Communications Commission has implemented rules and a rating system designed to enable people who wear hearing aids to more effectively use these wireless telecommunications devices. The standard for compatibility of digital wireless phones with hearing aids is set forth in American National Standard Institute (ANSI) standard C63.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an “M” rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a “T” rating that enables the phone to be used with hearing aids operating in the telecoil mode thus reducing unwanted background noise.

HOW WILL I KNOW WHICH WIRELESS PHONES ARE HEARING AID COMPATIBLE?

The Hearing Aid Compatibility rating is displayed on the wireless phone box.

A phone is considered Hearing Aid Compatible for acoustic coupling (microphone mode) if it has an “M3” or “M4” rating. A digital wireless phone is considered Hearing Aid Compatible for inductive coupling (telecoil mode) if it has a “T3” or “T4” rating.

The tested M-Rating and T-Rating for this device (FCC ID: WYPC21F007AC) are M4 and T4.

HOW WILL I KNOW IF MY HEARING AID WILL WORK WITH A PARTICULAR DIGITAL WIRELESS PHONE?

You’ ll want to try a number of wireless phones so that you can decide which works the best with your hearing aids. You may also want to talk with your hearing aid professional about the extent to which your hearing aids are immune to interference, if they have wireless phone shielding, and whether your hearing aid has a HAC rating.

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