



# sonim<sup>®</sup> XP8

## USER GUIDE

## GENERAL INFORMATION

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### THIRD PARTY TRADEMARKS

Google, Android, Google Calendar, Google Now, Google Play and other marks are trademarks of Google Inc.

### 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, cannot 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 period.

### REGISTER YOUR PHONE

Please register your phone at [http://sonimxperience.com/registration\\_portal/portal/registration.php](http://sonimxperience.com/registration_portal/portal/registration.php) to receive product information and updates.



Sonim devices are covered by a 3-Year comprehensive warranty. The battery is covered by a 1-Year limited warranty.

Congratulations on the purchase of a Sonim XP8 (XP8800) mobile phone! This phone is LTE enabled smart phone and has an intuitive feature-rich user interface, which allows you to make the best use of offered functions.

### PHONE MODELS COVERED

This user guide covers Sonim XP8 phone with the model number XP8800.

### SONIM SUPPORT INFORMATION

For additional product and support information, visit [www.sonimtech.com](http://www.sonimtech.com).

### USE THE GUIDE EFFECTIVELY

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

<b>HOME SCREEN</b>	This is the screen displayed when the phone is in standby mode.
<b>TOUCH &amp; HOLD</b>	Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs.
<b>DRAG</b>	Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position.
<b>SWIPE OR SLIDE</b>	Quickly move your finger across the surface of the screen, without pausing when you first touch. For example, you can slide a home screen left or right to view the other home screens.
<b>DOUBLE TAP</b>	Tap quickly twice on a web page, map or other screen to zoom.
<b>PINCH</b>	In some applications, you can zoom in and out by placing two fingers on the screen at once and pinching them together or spreading them apart.

# TABLE OF CONTENTS

## GENERAL INFORMATION 2

Third Party Trademarks .....	2
Disposal of Old Electrical and Electronic Equipment .....	2
Disposal of Battery .....	2
Guideline for Headphone and Earphone .....	2
Register Your Phone .....	2
Phone Models Covered.....	2
Sonim Support Information .....	2
Use the Guide Effectively .....	2

## SAFETY GUIDELINES 6

Hearing Aid Compatibility (HAC) Regulations for Mobile Phones .....	7
Avoid High Temperatures.....	7
Personal Medical Devices .....	7
Child Safety.....	7
Emergency Calls.....	8
Warning.....	8
Battery Safety Warning for IEEE1725 .....	9
Charging Safety Warning .....	9

## BATTERY USAGE 10

Inserting the Battery .....	10
Disposal of Battery .....	10
Charging the Battery .....	10
Warning.....	10
Verifying and Optimizing Battery Usage.....	11
Tips to Extend the Battery Life.....	11

## YOUR SIM/MEMORY CARD 12

Removing the Battery.....	12
Inserting the SIM Cards.....	12
Inserting Memory Card.....	12

## GETTING STARTED 13

What Is In the Box? .....	13
Phone Specifications.....	13

## USING YOUR SONIM XP8800 14

Switching On the Phone.....	15
Setting Up Your Phone.....	15
Managing Home Screen.....	16
Key Description .....	17
Notification Bar Icons .....	17
Phone Operations Without SIM Card .....	18
Setting up and Using Lock Screen .....	18
Changing the Wallpaper.....	18
Capturing a Screenshot.....	18

## NETWORK & INTERNET 19

Wi-Fi.....	19
Mobile Network.....	20
Data Usage .....	20
Hotspot & Tethering .....	20
SIM Cards.....	21
VPN .....	21
Ethernet Settings .....	21
Airplane Mode .....	21

## CONNECTED DEVICES 22

Bluetooth.....	22
Cast.....	22
NFC .....	22
Android Beam.....	22
Printing.....	22
USB.....	22
Chromebook.....	23

<b>APPS &amp; NOTIFICATIONS</b>	<b>23</b>	Interaction Controls .....	31
Recently Opened Apps .....	23	Audio & On-screen Text .....	31
See all # Number Apps.....	23	Experimental .....	31
Notifications.....	23	<b>ACCESSORIES</b>	<b>32</b>
App Permissions.....	23	CSM Settings.....	32
Advanced.....	24	<b>PROGRAMMABLE KEYS</b>	<b>32</b>
Special App Access.....	24	<b>GOOGLE</b>	<b>33</b>
<b>BATTERY SETTINGS</b>	<b>24</b>	Account.....	33
Power Management .....	24	Services .....	33
App Usage Since Full Charge .....	24	<b>SYSTEM</b>	<b>33</b>
<b>DISPLAY SETTINGS</b>	<b>25</b>	Languages & Input .....	33
Display .....	25	Gestures.....	34
<b>SOUND SETTINGS</b>	<b>26</b>	Date and Time .....	34
Sound.....	26	Backup.....	34
<b>STORAGE SETTINGS</b>	<b>27</b>	System Update .....	35
Store Manager .....	27	Reset Options .....	35
<b>USB POWER SAVING</b>	<b>27</b>	About Phone.....	35
Automatic Power ON.....	27	<b>MANAGING CONTACTS</b>	<b>36</b>
Automatic Power OFF .....	27	Adding a Contact .....	36
<b>SECURITY AND LOCATION SETTINGS</b>	<b>28</b>	Creating a New Contact .....	36
Security Status.....	28	Viewing Contact Details .....	36
Device Security.....	28	Editing the Contact Details.....	36
Privacy .....	28	Sending a Message from Contacts .....	36
<b>USERS &amp; ACCOUNTS</b>	<b>30</b>	Menu Options .....	36
Users .....	30	Searching a Contact.....	37
Accounts for Owner.....	30	Sharing a contact.....	37
<b>ACCESSIBILITY</b>	<b>31</b>	Deleting a Contact.....	37
Volume Key Shortcut.....	31	<b>MANAGING CALL SETTINGS</b>	<b>38</b>
Screen Readers .....	31	Making a Call .....	38
Display .....	31	Dialing a Number via Contact .....	38
		Adding Contact from Home Screen .....	38

Call History Screen .....	38
Managing Call Settings .....	38

**SENDING MESSAGES AND EMAILS 41**

Sending SMS/MMS Message .....	41
Managing Message Settings.....	42
Deleting Messages .....	42
Setting up Gmail Accounts .....	42
Sending an E-mail from POP3/IMAP Account .....	43
Reading Gmail .....	43

**SONIM SCOUT 44**

Setup.....	44
Utilities.....	44
Support .....	44

**USING APPLICATIONS 45**

Camera.....	45
Calendar.....	46
Clock.....	46
Calculator.....	47
Sound Recorder .....	47
File Manager .....	47
SIM Toolkit.....	47
Downloads.....	47
FM Radio.....	48

**REGULATORY INFORMATION-  
EUROPEAN MARKET 49**

EU Regulatory Conformance .....	49
Frequency Bands .....	49
5G Wi-Fi .....	49
LVD Logo .....	49
Disposal of Old Electrical and Electronic Equipment Logo .....	49
Adapter .....	49
Intrinsically Safe (IS).....	50

**DECLARATION OF CONFORMITY 51**

**INDEX 52**

## SAFETY GUIDELINES

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



Do not use the phone at a refueling 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 device to high temperature (in excess of 55°C).



Adhere to road safety laws. Do not hold/use a phone while you are driving; find a safe place to stop first. Use 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 XP8800 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 XP8800 is water-proof and can be submerged to 2 meters for 30 minutes.

- Ensure to close the audio connector properly. This will prevent the deposit of water droplets on the 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 XP8800 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 XP8800 from salt water, dust and strong impacts.

## HEARING AID COMPATIBILITY (HAC) REGULATIONS FOR MOBILE PHONES

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, back light, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19- 2011). While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guaranteed. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

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 provider or phone retailer.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/ higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Your phone meets the M4/T4 level rating.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. For more information about FCC Hearing Aid Compatibility, please go to <http://www.fcc.gov/cgb/dro>.

## AVOID HIGH TEMPERATURES

Leaving the device in hot or cold places, such as in a closed car in summer or winter conditions, reduces the capacity and lifetime of the battery. For the best results, try to use the device between -20°C and +55°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.

## 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 airplanes. 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.

## WARNING



It is not allowed to connect any external devices to all ports/interface (USB, Top x-pand and side connector) in Hazardous area.



## BATTERY SAFETY WARNING FOR IEEE1725



Do not disassemble or open, crush, bend or deform, puncture or shred.



Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.



Only use the battery in the system for which it is specified.



Only use the battery with a charging system that has been qualified by the system per CTIA Certification Requirements for Battery System Compliant to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard.



Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.



Promptly dispose of used batteries in accordance with local regulations.



Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard. Only authorized service providers shall replace battery. (If the battery is non-user replaceable).



Battery usage by children should be supervised.



Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.



Improper battery use may result in a fire, explosion or other hazard.

## CHARGING SAFETY WARNING



The equipment shall only be charged when in the non-hazardous area using a charger specifically supplied for use with the unit USB cable and AC charger S42A02(US plug)/ S42A00(EU plug)/ S42A01(UK plug).



DC5 V/2A pin recommend to use charger with SELV function.

## BATTERY USAGE

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Your Sonim XP8 phone comes with a removable battery. For any battery related queries, contact Sonim customer support.

- Use only a Sonim XP8800 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

Using the Sonim screwdriver provided in your box, remove the battery cover or door by unscrewing the screw in a counter clockwise direction. Sometimes the battery cover may be tight and some extra effort is required to open it.

---

### 2. LIFT THE COVER

Lift the back cover to reveal the battery slot.

---

### 3. INSERT BATTERY

Insert the battery into the battery slot such that the metal contacts at the bottom of the battery are aligned with the metal contacts within the battery compartment.

---

### 4. CLOSE COVER

Close the battery cover and screw the battery door by screwing the screw in a clockwise direction. Please ensure you do not over-tighten the screws.

## 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.

## CHARGING THE BATTERY

The battery delivered with your mobile phone is not fully charged.

We recommend that you charge your mobile for 2.5 hours before you use your mobile phone for the first time.



Only the power supplies with outputs meet the SELV requirements can be used for charging. The maximum allowable input voltage for the phone is 9v.



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



If the battery is completely out of charge, it can take several minutes for the charging icon to appear when the charger is connected.

## WARNING



ONLY THE BATTERY CAN BE REPLACED IN NON-HAZARDOUS LOCATION.

### 1. INSERT CHARGER

Insert the charger plug into a power outlet.

---

### 2. CONNECT TO THE PHONE

The charging port is located at the bottom of the phone and is covered by the charging port lid. Open the charging port lid and insert the charging connector to the charging port.

---

### 3. CHARGING ANIMATION/ICON

- If the battery is being charged when the phone is switched off, a battery charging animation with current battery level is displayed.
- If the battery is being charged while the phone is switched on, the battery icon on the status bar shows the animation indicating that the battery is being charged.
- After the battery is fully charged the charging animation stops and you can disconnect the charger from the phone.



## TIPS TO EXTEND THE BATTERY LIFE

Follow these tips to extend your phone's battery life.

- If you are not using Wi-Fi, Bluetooth or GPS, use the **Settings** to turn them off. The GPS setting is located in **Settings (⚙️) > Security & location (🔒) > Privacy > Location**.
- Set screen brightness to **Low** and set a shorter Sleep timeout (15 seconds). The display settings are located in **Settings (⚙️) > Display (🔧)**.
- If you are traveling and do not have access to mobile data or Wi-Fi network, switch to Airplane mode. Select **Airplane mode (✈️)** from **Quick Settings**.

## VERIFYING AND OPTIMIZING BATTERY USAGE

You can check the battery usage status and also close some applications to save battery power. In **All apps** screen, tap on **Settings (⚙️) > Battery (🔋)**.

The current battery level (charging or not charging) is displayed on the top of the screen. The discharge graph after tapping on battery icon on the top of the screen shows the battery level over time since you last charged the device, and how long you have been running on battery power.

The list at the bottom of the screen shows the breakdown of battery usage for individual apps and services. Touch any listed items for more details. The details screen for some apps include buttons that allow you to adjust settings affecting power usage, or stop the application completely.



If you stop some apps or services, your device may not work correctly.

## YOUR SIM/MEMORY CARD

Purchase a SIM card from a mobile operator. The SIM card associates your network services (for example, phone number, data services, and so on) with your phone.

### REMOVING THE BATTERY

#### 1. UNSCREW COVER

Using the Sonim screwdriver provided in your box, remove the battery cover or door by unscrewing the screw in a counter clockwise direction to access the battery.

#### 2. LIFT THE COVER

Lift the cover to reveal the battery.

#### 3. REMOVE THE BATTERY

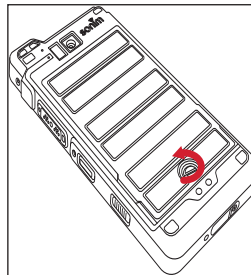
Remove the battery from the battery slot.

### INSERTING THE SIM CARDS

To access the SIM Card slots, use your Sonim screwdriver to remove the battery door screw and then remove the battery. The SIM card slots will be found under the battery.

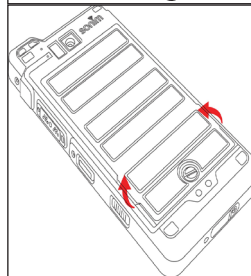
#### 1. UNSCREW COVER

Use the Sonim provided screwdriver to unscrew the battery cover screw on the back of the phone.



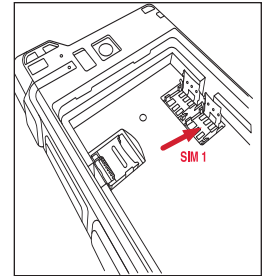
#### 2. LIFT THE COVER

Remove the battery cover and the battery.



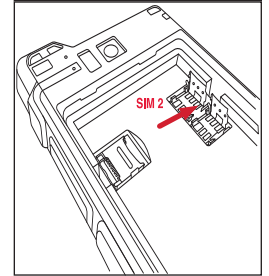
#### 3. INSERT SIM CARD 1

Slide the silver clip and insert the SIM card. Lock the silver clip.



#### 4. INSERT SIM CARD 2

Slide the silver clip and insert the SIM card. Lock the silver clip.

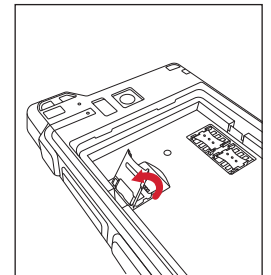


### INSERTING MEMORY CARD

To access the Memory Card slot, use your Sonim screwdriver to remove the battery door screw and then remove the battery. The memory card slot will be found under the battery.

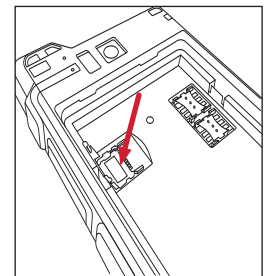
#### 1. SLIDE THE SILVER CLIP

Slide (push forward) and lift the silver clip over the designated slot.



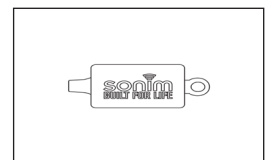
#### 2. PLACE THE MEMORY CARD

Place the memory card in the designated slot and close the silver clip.



#### 3. USE SONIM SCREWDRIVER

You can use the Sonim provided screwdriver tool to open the screws.



# GETTING STARTED

## WHAT IS IN THE BOX?

The list of items in the Sonim XP8 phone box are:

- Sonim XP8800 phone
- Battery
- Quick Start Guide
- Screwdriver
- USB Type C Charging Cable
- USB Type C Earphone
- Quick Charger
- Battery Cover

## PHONE SPECIFICATIONS

FEATURE	DESCRIPTION
Chipset	Qualcomm SDM630, Octa core 64bits processor
Band	<b>LTE:</b> 1/2/3/4/5/7/8/12/13/14/20/25/26/27/28/29/30/38/39/40/41/B66 <b>UMTS:</b> B1/B2/B4/B5/B8 <b>CDMA/EVDO:</b> BC0/BC1/BC10 <b>TD-SCDMA:</b> B34/B39 <b>GSM:</b> 850/900/1800/1900MHz
Antenna	2X Rx / 1X Tx antenna for LTE
Wi-Fi	Dual bands (2.4G/5G) 802.11 a/b/g/n/ac/e/k/r/h with hotspot Wi-Fi Direct (Miracast™)
Memory	64GB eMMC 5.1/ 4GB LPDDR4x
IP Level	IP68
Output	5~9V 1.5Amax
<b>CONNECTIVITY</b>	
Bluetooth	BT5.0/BLE (Low Energy)
Languages Supported	English and Spanish
Capacity(mAh)	4900mAh (6 pins), Removable Li-ion
Battery Life	Standby: up to 620 hours Talk time: up to 40 hours Music playback: up to 20 hours Video playback: up to 15 hours Web browsing: up to 12 hours

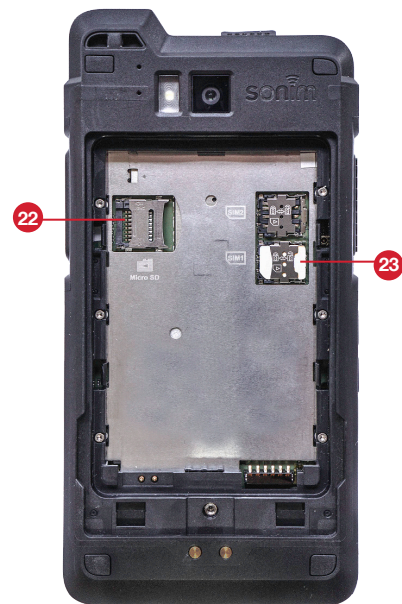
FEATURE	DESCRIPTION
NFC	13.56 MHz
<b>PHYSICAL CHARACTERISTICS</b>	
Maximum Charge Temperature	45°C
Maximum Discharge Temperature	55°C
Size	152 mm x 79.5 mm x 18 mm
Weight	Approx. 335 gms
Dedicated keys	Power Key/PTT Key/Volume Key (Up and Down)/Yellow Key/Alarm Key/Home/Recent/Back Keys
Ports	Waterproof USB3.1 type-C, High Speed, OTG functionality
<b>DISPLAY</b>	
Size	5" 1080p with outdoor visibility & low power consumption, Glove touch
Outdoor Visibility	Yes
Color	16.7 M
Brightness	500 nits
<b>AUDIO</b>	
Microphone	Three Microphones for noise cancellation
Speaker	Dual Front-Facing Ultra-Loud speaker HD voice support
Receiver	Receiver Compliant HAC; HD voice support
<b>MULTIMEDIA</b>	
Audio Formats	AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3
Video Formats	3GP,MP4, WMV, AVI, MOV, MPEG-2, MPEG-4,H.263, H.264, H-265
Image Formats	JPEG
Graphic Formats	JPEG, PNG, and BMP
FM Radio	Yes
Camera	12MP Auto focus with low light sensor 8MP camera with fix focus
LED Torch Light	Reuse with camera flash LED

# USING YOUR SONIM XP8800



1. Sonim XPand Connector
2. USB-Type C
3. Volume Up / Down
4. Power Button
5. PTT Button
6. Display
7. App Tray
8. Speakers
9. Back Button
10. Home Button
11. Microphone
12. Recent Button
13. Google Search Bar
14. Battery Level Indicator
15. Front Camera

16. LED Notification
17. Receiver
18. Notification Bar
19. Alarm Key
20. Yellow Key
21. Sonim SecureAudio Connector
22. Memory Card Slot Under Battery
23. SIM Cards Slot under Battery
24. Back Cover Screw
25. Battery Cover
26. Rear Facing Camera
27. Torch/Flash Light
28. Microphones



## SWITCHING ON THE PHONE

Press and hold **Power** button for 4-5 seconds to turn **ON** the display.

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



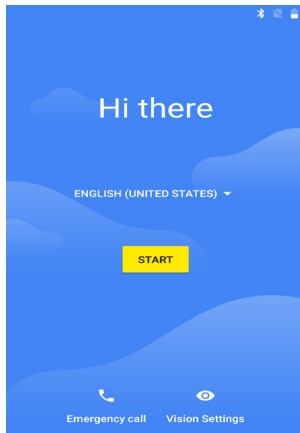
Ensure that a valid SIM card is inserted in your phone.

## SETTING UP YOUR PHONE

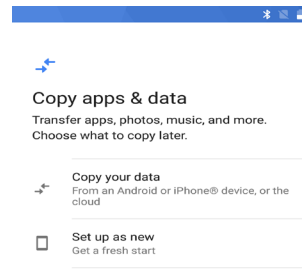
For instructions on using your phone's buttons, charger, battery, and other hardware features, check the printed Quick Start Guide provided along with your phone.

It will take you through the steps to get your device set up. Follow the below steps to set up your device. For more information, follow the instructions displayed on your device screen.

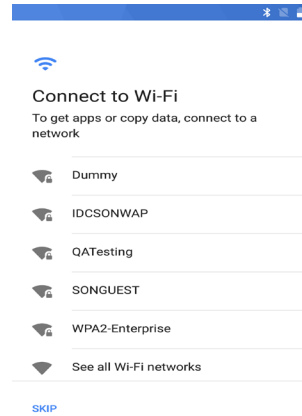
1. When you turn on your device for the first time, below screen is displayed. Tap on **START** in the below screen to start the setup process.



2. On tapping **START**, the following screen is displayed with two options:
  - Copy your data
  - Set up as new



3. Tap on **Copy your data** and it navigates to **Connect to Wi-Fi** screen. Connect to the available WI-FI network to download the apps or copy data.



4. You can copy your data from any of the following methods:
  - A backup from an Android phone
  - A backup from the cloud
  - An iPhone® deviceIf you do not wish to copy the data, tap on **DON'T COPY**.
5. You can configure the device as a new device. To configure a new device, tap on **Set up as new** and **Connect to Wi-Fi** screen is displayed. System starts checking for the updates if any.
6. Without connecting to the network, you cannot perform the following tasks:
  - Sign in to your Google account
  - Get software updates
  - Automatically set up time and date

Tap on **CONTINUE** to proceed.

- Use your fingerprints to unlock your phone or approve any purchases. Tap on **NEXT**.



Your fingerprint may be less secure than a strong pattern or PIN.

- For added security, set up a screen lock. Choose from the following combinations:
  - Fingerprint + Pattern
  - Fingerprint + PIN
  - Fingerprint + Password
- You can secure your phone startup using your fingerprints to unlock your device. You can further protect your device by using patterns before it starts up. Tap on **YES** to start your device using pattern screen lock. Tap on **NO** to skip this step.
- To use fingerprint, set a desired pattern and tap on **NEXT**. To confirm the set pattern, draw the same pattern once again and tap on **CONFIRM**. If you want to skip this step, tap on **CANCEL**.
- Draw a desired pattern and tap on **NEXT**. To draw a new pattern, tap on **CLEAR** and draw a new pattern.
- You can locate the fingerprint sensor at the front of the phone. Tap on **SKIP** to cancel this step.
- Place your finger on the sensor and lift the finger after you feel a vibration. Tap on **DO IT LATER** to perform this task later.
- Now the fingerprint is added. When you see the icon which is marked in red, use your fingerprint for identification or to approve any purchases. Tap on **NEXT** to proceed further. You can add another fingerprint by tapping on **ADD ANOTHER**.



You can add multiple fingerprints if the same device is used by multiple users.



#### Fingerprint added

When you see this icon, use your fingerprint for identification or to approve purchases.



ADD ANOTHER

NEXT

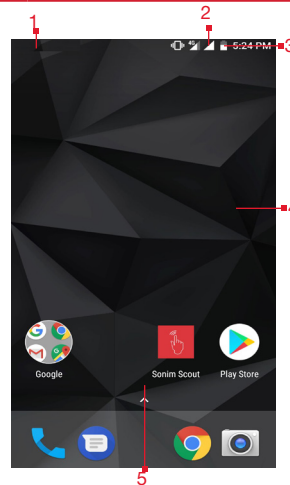
- You can use different Google services. Tap on **MORE** to know about the services.
- By tapping on **ACCEPT** you agree to the **Google Terms of Services**.
- If you want to add another email account or wish to set up other services, you can also do it using **Settings**. Tap on **NO THANKS** to proceed further.
- Check the box next to **Location Consent**. For more information, read the instructions displayed on your phone screen.
  - Tap on **NEXT** and your home screen is displayed on your device and the device is ready to use.

## MANAGING HOME SCREEN

After you complete the phone setup, the home screen is displayed. The home screen is the beginning point to access all the device's features.



Device comes equipped with pre-installed screen protector for added protection. This screen protector is not intended to be removed.






- Message/Alert Notifications
- Service Indicator and Signal Strength bar
- Battery charge indicator and time
- Home screen Grid or Menu Slider
- Application Grid or Menu Slider





## KEY DESCRIPTION





















The navigation keys are located below the display screen.









ICONS	DESCRIPTION
	<p><b>Back:</b></p> <p>Opens the previous screens in the working sequence until the home screen is displayed. Once the home screen is displayed it will remain there even when you press the back key.</p>
	<p><b>Home:</b></p> <p><b>Short press on any app:</b> Shows the home screen.</p> <p><b>Long press:</b> Google Assistant</p>
	<p><b>Recent:</b></p> <p><b>Short Press:</b></p> <p>Opens a list of thumbnail images of apps you have worked on recently. To open an app, touch it. To remove any application from this list, swipe the application to left or right.</p> <p><b>Double press:</b> Launches the menu options of any application.</p>

## NOTIFICATION BAR ICONS

The icons displayed at the top of the screen provides information about the status of the device. The details such as date and time, battery charge status, and data service are displayed when the phone is in standby mode. Other indicators such as Bluetooth connectivity status, Airplane mode, Alarm and Call Forward (only if Always Forward is enabled) and Wi-Fi connectivity are displayed, if the feature is activated.

ICONS	DESCRIPTION
	Bluetooth activated
	Wi-Fi connected

ICONS	DESCRIPTION
	Battery charging in progress
	Battery level indicator
	Do not disturb
	Flashlight
	Auto-rotate
	No signal
	Signal strength
	No SIM card
	Roaming
	4G LTE network connected
	HSPA or UMTS network connected
	GPRS network connected
	EDGE network connected
	Call in progress
	Call forward (only if Always forward is enabled)
	New E-mail
	FM Radio
	Wired headset icon
	Missed call
	New SMS or MMS

ICONS	DESCRIPTION
	Alarm activated
	Silent mode activated
	Vibration mode activated
	Flight mode activated
	Error/information notification - attention required
	Screenshot captured
	Music is played
	Device storage space is running out



## PHONE OPERATIONS WITHOUT SIM CARD

You can perform the following operations without inserting a SIM card in your phone.

- Make an emergency call.
- View and modify all settings except few data usage and mobile network related settings.
- Activate and share files through Bluetooth.
- Access the Internet using Wi-Fi connectivity.
- Access your phonebook, multimedia files, all tools and applications.
- View and modify your profile settings.

## SETTING UP AND USING LOCK SCREEN

In order to protect your phone from unauthorized access, you must set up your lock screen feature and lock your device.

- From **Home** screen, tap on **System settings** or tap on **Menu > Settings** ()
- Scroll up and select **Security & location** ()
- Select **Screen lock** and select one of the following options to configure phone:
  - **None:** Disables the screen lock.
  - **Swipe:** When the screen is locked, slide your finger from bottom to top to unlock it.
  - **Pattern:** When enabled, enter your own pattern. When the phone is locked, unlock it using the pattern. When the phone screen is locked, you can answer an incoming call, without unlocking

the screen.

- **PIN:** When enabled, enter your own PIN value. When the phone is locked, unlock it using the PIN. When the phone screen is locked, you can answer an incoming call, without unlocking the screen.
- **Password:** When enabled, enter your own Password. When the phone is locked, unlock it using the password. When the phone screen is locked, you can answer an incoming call, without unlocking the screen.


## CHANGING THE WALLPAPER

You can set an image or a photo stored in your phone as your home screen wallpaper. To change the wallpaper, select from one of the following Wallpaper collections.

- Long tap on **Home** screen > **WALLPAPERS**. Select **Wallpapers** from the wallpapers provided.
- **My photos:** includes photos and screenshots taken using the phone's camera.
- Default Sonim wallpapers with Holo Spiral live wallpaper.
- **Wallpaper:** Tap on **System settings > Display > Advanced > Wallpaper**. It includes images that are pre-loaded with the phone and the photos taken using device camera.

## CAPTURING A SCREENSHOT

You can take an image of what is on your screen and it will be stored in **Photos** app. To take a screenshot:

1. Ensure that the image to be captured is displayed on the current screen.
2. Press the **Power** and **Volume down** button simultaneously. The screenshot is captured and stored in **Photos**. A screen **Capture** () icon is also displayed on the notification bar.

# NETWORK & INTERNET

## WI-FI

Wi-Fi is a wireless network technology that can provide Internet access at distance up to 100 feet, depending on the Wi-Fi router and surroundings.

You can access the Internet when you connect your XP8 to a Wi-Fi network. To connect your phone to a Wi-Fi network;

1. From **Notifications** or **Apps** menu, tap on **Settings** (⚙️) > **Network & Internet** (📶).
2. Tap on **Wi-Fi** (📶).
3. Set the **Wi-Fi** to **ON** position located under **Network & Internet**.  
A list of Wi-Fi access points present within your phone's accessible range are displayed.
4. Select your preferred network. Enter the WEP/WPS/WPA key (if it is a secured network) and select **CONNECT**. To verify the password before connecting, enable **Show password**.



It is always recommended to make your Wi-Fi network connection secure and also to connect your phone to a secure network.

## ADD NETWORK

1. On **Wi-Fi** screen, tap on **Add network** (+).
2. Enter the **Network name** and select the **Security** from the drop-down list. You can set the network password.
3. Tap on **Advanced options**. The settings such as **Proxy** and **IP settings** can be updated using the drop-down list.
4. Tap on **SAVE** to save the network settings.

## CONNECT TO NETWORK

1. Long tap on any of the listed Wi-Fi access points displayed in your device.
2. Tap on **Connect to network**.
3. Enter the network password.
4. The other network setting details such as **Advanced options**, **Proxy**, **IP settings** can be updated.
5. Tap on **CONNECT** to get connected to the network.

## FORGET NETWORK

1. Tap and hold the connected network.
2. Select **Forget network**.  
The selected network gets disconnected and displayed in the Wi-Fi list.

If you have to get connected to the same network, enter the password and tap on **CONNECT**.

## MODIFY NETWORK

1. Long press on connected network.
2. Tap on **Modify network**. You can change the network password. The other network setting details such as **Advanced options**, **Proxy**, **IP settings** can be updated.
3. Select **SAVE** to save the changes.

## WRITE TO NFC TAG

1. Long press on connected network.
2. Tap on **Write to NFC tag**.  
You can set up an NFC tag with your Wi-Fi information including password.

## WI-FI PREFERENCES

- **Open network notification:** Enable this option to get a notification when a high-quality public network is available.
- **Advanced:** The following options are displayed:
  - **Install certificates:** You can browse a certificate for installation.
  - **Network rating provider:** This option provides information about the quality of open Wi-Fi networks. By default, Google is selected.
  - **Wi-Fi Direct:** Select **Option key > Searching** to search for the peer devices and also select **Rename device** to rename the device
  - **WPS Push Button:** Press the **WPS Push Button** in your router, when prompted.
  - **WPS Pin Entry:** Enter the given PIN number on your Wi-Fi router.
  - **MAC address:** A MAC (Media Access Control) address is displayed.
  - **IP address: IP** (Internet Protocol) **address** is displayed.

## SAVED NETWORKS

Wi-Fi networks which are saved in your device are listed under **Saved networks**.

You can also add a network by tapping on **Add network** (+) icon.

## MOBILE NETWORK

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Network & Internet** (📶).
2. Tap on **Mobile network** (📶),
3. Following options are displayed:
  - **Mobile data:** Turn **ON** to enable mobile data. Using mobile data, you can access internet.
  - **Roaming:** Turn **ON** to enable data roaming to connect to data services while roaming.
  - **Data usage:** Mobile data usage for a particular time frame is displayed.
  - **Advanced:**
    - **Enhanced 4G LTE Mode:** Enables HD Voice and enhanced communications over the cellular network.
    - **Preferred network type:** The options displayed are: **4G Only**, **4G/3G/2G automatic**, **3G/2G automatic**, **2G Only** and **Cancel**
  - **Network:**
    - **Automatically select network:** Turn **ON** to connect to the selected network automatically.
    - **Network:** The network name is displayed.
  - **Access Point Names:** Tap on **Access Point Names** (APN) to view and edit the network access points. Tap on the (+) icon to add a new access point. Tap on **Options** (ⓘ) to reset to default.

## DATA USAGE

Data usage refers to the amount of data utilized by your phone during data transfers through the Internet. The data usage charges are dependent of the wireless plan provided by your service provider.

To monitor your data usage, adjust your data usage settings.

1. From **Notifications** or **Apps** menu, tap on **Settings** (⚙️) > **Network & Internet** (📶).
2. Tap on **Data usage** (📶), which is located under **Network & Internet** settings.
3. Under **Usage**, you can view the data usage for a particular time frame.
4. Turn on **Data saver** to access unrestricted data.
5. Under **Mobile**, the following options are displayed:
  - **Mobile Data:** Turn **On** to enable mobile data. Using mobile data, you can access internet.
  - **Mobile data usage:** Displays the data usage for a particular time frame.
  - **Billing cycle:** Billing of the used data is displayed here.
    - You can enable the **Set data warning** to get the warning message when your data usage has

crossed the present limits.

- **Data warning** shows the data available for a particular time frame.
  - Enable **Set data limit** to set the data usage limit.
6. Select **Wi-Fi data usage** to check the data usage for a particular time frame.
  7. Tap on **Network Restrictions** to view the metered Wi-Fi networks listed.

## HOTSPOT & TETHERING

Hotspot and Tethering provides Internet to other devices through your mobile data connection. Apps can also create a hotspot to share content with nearby devices.

### USB TETHERING

Using USB tethering, you can share phone's internet connection via USB. To enable USB Tethering, connect the device through USB cable to the PC.

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️). **Network & Internet** (📶).
2. Tap on **Hotspot & tethering** (📶).
3. Turn **ON USB tethering**.

### WI-FI HOTSPOT

Mobile hotspot uses mobile data from your data plan whenever you are not connected to Wi-Fi.

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Tap on **Network & Internet > Hotspot & tethering** (📶).
3. Turn **ON** to enable the mobile hotspot. A message window is displayed. Tap on **OK** to continue. When this option is disabled, you cannot share Internet or content with other devices.

### SETUP WI-FI HOTSPOT

You can set up a hotspot using your mobile device.

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Tap on **Network & Internet > Hotspot & tethering** (📶).
3. Tap on **Set up Wi-Fi hotspot**.
4. Enter the following details:
  - **Network name:** Enter the network name.
  - **Security:** Select the desired security from the drop-down list.
  - **Password:** The password must have at least 8

characters.

- **Select AP Band:** Select AP Band from the drop-down list.

5. Tap on **SAVE** to save the mobile hotspot.

## WI-FI HOTSPOT PREFERENCES

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Tap on **Network & Internet > Hotspot & tethering** (📶).
3. Tap on **Wi-Fi Hotspot Preferences**.
4. Tap on **Keep Wi-Fi Hotspot on** and select the desired time from the listed options.
5. Under **CONNECTED DEVICES**, the list of devices which are connected to the mobile hotspot are displayed.

## BLUETOOTH TETHERING

You can share the phone's internet connection via Bluetooth. For sharing internet, you have to pair your Bluetooth with another device.

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Tap on **Network & Internet > Hotspot & tethering** (📶).
3. Turn **ON** to enable **Bluetooth tethering**. Pair your Bluetooth device with another device.

## SIM CARDS

You can activate/ deactivate SIM 1 and SIM 2.

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Select **SIM cards > SIM 1** and **SIM 2**.  
You can turn On/Off the SIM cards.

## PREFERRED SIM FOR

You can set the preferred SIM for these actions:

1. **Cellular Data:** You can have only one active data connection to the internet. User must set the preferred SIM for connecting to the internet.
2. **Calls:** You can set the default SIM card for the phone calls. Select **Ask every time** option when making any call, you can tap and select the operator.
3. **SMS messages:** You can use only one SIM for sending SMS/MMS messages. Select **Ask every time** while sending any SMS/MMS, you can tap and select the operator.

## VPN

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Tap on **Network & Internet > VPN** (🔒).
3. Tap on the icon ( + ) to add a new VPN profile.
4. **Attention** pop-up screen is displayed to set a lock screen PIN or Password before using credential storage. Tap on **OK** and set the required unlock option.
5. In **Edit VPN profile** screen, enter the **Name**, **Type** (select from the drop-down list), and the **server address**.
6. Enter **Username** and **password**.
7. Tap on **SAVE**.

## ETHERNET SETTINGS

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Tap on **Network & Internet > Ethernet Settings**.
3. You can configure **Static IP settings** or **Ethernet settings**.
4. Tap on **Add a Static IP Address**. Enter the **IP Address** and tap on **ADD**.

## AIRPLANE MODE

When your phone is set in airplane mode, network connectivity or mobile data connectivity is disabled. But you can access your camera, media files and other features that do not require mobile data connectivity.

To activate airplane mode:

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️).
2. Tap on **Network & Internet > Airplane mode**.
3. Turn on **Airplane mode** (✈️).

# CONNECTED DEVICES

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## BLUETOOTH

Bluetooth is a short-range wireless communication technology used to communicate between the devices over a distance of about 8 meters.

- You can perform the following tasks using Bluetooth paired devices.
- Transfer media files and contacts between connected mobile devices using Bluetooth.
- Use Bluetooth connected headphones for playing media file.
- Bluetooth headset can be used during call.

### PAIRING A BLUETOOTH DEVICE

To activate Bluetooth and pair your XP8 device with other Bluetooth devices:

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📶).
2. Tap and enable **Bluetooth** (📶).
3. Tap on **Pair new device** (+) to pair a new device. Available devices are listed. Ensure that Bluetooth is activated on the other device as well.
4. Select the desired device from the list. It starts pairing with the selected device. A confirmation message is displayed to pair the device. Select **PAIR**.

### DEVICE NAME

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📶).
2. Tap and enable **Bluetooth** (📶).
3. Tap on **Device name. Rename this device** screen is displayed. You can change the name and tap on **RENAME**.

### RECEIVED FILES

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📶).
2. Tap and enable **Bluetooth** (📶).
3. Tap on **Received files**. Bluetooth received transfer history is displayed.

## CAST

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📶).
2. Tap on **Cast** (📺).
3. You can cast your screen from your Android device. Connect your Android device to the same Wi-Fi network as your Chromecast or TV with Chromecast built-in.
4. Ensure that your Android device and Chromecast are connected to the same Wi-Fi network.
5. Tap on **Options** (⋮) > check **Enable wireless display** to view a list of nearby devices you can cast to.

## NFC

NFC (Near-Field Communication) is a set of communication protocols that enable two electronic devices one of which is usually a portable device such as a smart phone, to establish communication by bringing them within 4 cm of each other.

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📶) > **NFC** (📶).
2. Turn **ON NFC** to allow data exchange when your device touches another device.

## ANDROID BEAM

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📶) > **Android Beam** (📶).
2. Android beam is active only when NFC is enabled.
3. Turn **ON Android Beam**. You can beam an app content to another NFC capable device by holding the devices close together.

## PRINTING

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📶) > **Printing** (🖨️).
2. Under **Print services** > **Default Print Service** (🖨️). Turn **ON** the **Default Print Service**.
3. Tap on **Add service** (+). **Google Play** screen is displayed. You can sign in with your Google credentials and add any desired service.

## USB

USB is a plug-and-play interface that allows a computer to communicate with peripheral and other devices.

## CONNECT USB TO DEVICE:

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📱) > **USB** (🔌).
2. You can use USB for the following tasks:
  - **Charge this device:** Tap on this option to use the USB to charge the connected device.
  - **Supply power:** Tap on this option to charge the connected device. This option works only with devices that support USB charging.
  - **Transfer files:** Tap on this option to transfer the data from one device to another device.
  - **Transfer photos (PTP):** Tap on this option to transfer photos.
  - **Use device as MIDI:** Tap on this option to use your device as **Musical Instrument Digital Interface (MIDI)** to control parameters of an electronic instruments.



When you connect the XP8 phone to the PC, it is shown as a drive and not as a device.

## CHROMEBOOK

You can use your phone to unlock your Chromebook screen, and send and receive text messages from your Chromebook.

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Connected devices** (📱) > **Chromebook** (📱).
2. Tap on drop-down list to view the Gmail accounts which are configured on your device.

## APPS & NOTIFICATIONS

### RECENTLY OPENED APPS

The apps which are opened recently are displayed. The total number of apps opened are displayed.

### SEE ALL # NUMBER APPS

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Apps & notifications** (☰).
2. Tap on **See all #Number** > **App info**. The list of apps installed on the device are displayed.
3. Tap on **All apps**. You can view **All apps**, **Installed apps** and **Disabled apps**.
4. Tap on **Options** (⋮) and the following options are displayed:
  - **Show system:** System based apps are displayed.
  - **Hide system:** System based apps are hidden.
  - **Reset app preferences:** You can reset all the preferences set for the apps.

### NOTIFICATIONS

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Apps & notifications** (☰).
2. Tap on **Notifications**.
3. Tap on **App notifications**. Tap on the desired app and turn on the notification.
4. Tap on **On the lock screen**. There are two options:
  - Show all notification content
  - Don't show notifications at all
5. Tap on **Allow notification dots** and turn it **On** to get a notification dot on app when you have an unread notification.
6. Turn **On Blink light** to receive a LED notification light even when your device screen is off.
7. Turn **On Flash call alert** to receive an alert when there is an incoming call.
8. Turn **On Flash notification alert** to use camera flash light for missed events.
9. Tap on **Default notification sound**. Tap on the desired ringtone from the list. You can also add a new ringtone using the option **Add ringtone** (+).

### APP PERMISSIONS

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Apps & notifications** (☰).
2. Tap on **App permissions**. App permissions govern what your app is allowed to do and access.

## ADVANCED

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Apps & notifications** (📱).
2. Tap on **Advanced** and the following options are displayed:

**DEFAULT APPS:** Apart from default apps, the following options are displayed:

- **Tap & pay:** Pay using your phone in the stores. For more information, tap on **Option** (⋮) > **How it works**.
- **Opening links:** Tap on this option to open the links for instant apps.

## EMERGENCY ALERTS

- **Allow alerts:** Turn **On** this option to receive emergency notifications.
- **Alerts:**
  - **AMBER alerts:** Turn **On** this option to get the child abduction emergency bulletins.
  - **Extreme threats:** Turn **On** this option to get the alerts for extreme threats to life and property.
  - **Severe threats:** Turn **On** this option to get the severe threats to life and property displayed.
  - **Area update broadcasts:** Turn **On** this option to show update information in SIM status.
  - **Emergency alert history:** You can view the emergency alert history.
- **Alert preferences:**
  - **Vibrate:** Turn **On** this option to set the device on vibrate during alert.
  - **Alert reminder sound:** You can set the alert reminder for the following time frame: **Once**, **Every 2 minutes**, **Every 15 minutes** and **Off**.

## SPECIAL APP ACCESS

Tap on this option to view the following settings:

- Battery optimisation
- Device admin apps
- Do Not Disturb access
- Display over other apps
- VR helper services
- Modify system settings
- Notification access
- Picture-in-picture
- Premium SMS access
- Unrestricted data
- Usage access
- Install unknown apps

## BATTERY SETTINGS

From **Home** screen or **App** menu, tap on **Settings** (⚙️) > **Battery** (🔋).

- **Last Full charge** displays the time when the battery is fully charged.
- **Screen usage since full charge** displays the time duration the screen is used since the battery fully charged.

## POWER MANAGEMENT

1. Under **Power management**, the following options are displayed:
  - **Battery Saver:** Set the **Battery Saver** to **On** by selecting the option given for **Turn On automatically**:
    - Never
    - at 5% battery
    - at 15% battery



Battery saver turns off automatically when your device is charging.

- **Battery percentage:** Enable this option to show the battery percentage in the status bar.
- **Adaptive brightness:** Enable this option to optimize the brightness level for available light.
- **Battery Blink Light:** Enable this option to keep the LED blinking while the battery is charging.
- **Sleep:** You can set the following time frame to set the screen to sleep mode: **15 seconds**, **30 seconds**, **1 minute**, **2 minutes**, **5 minutes**, **10 minutes** and **30 minutes**.
- **Ambient display:** Tap on **Ambient display**. Enable **New notifications** to wake up the screen when you receive notifications.

## APP USAGE SINCE FULL CHARGE

1. Under **App usage since full charge**, battery usage (in percentage) for each app is displayed.
2. On the **Battery** screen, tap on **Option** (⋮) > **Battery optimization**. From the drop-down list, you can select **All apps** or **Not optimized apps**.
  - On the **Battery** screen, tap on **Option** (⋮) > **Show full device usage** to view the complete device battery usage.



# DISPLAY SETTINGS

## DISPLAY

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Display** (📺).
2. Set the following options to configure your phone's display:
  - **Brightness level:** Set the brightness of the phone display.
  - **Night Light:**
    - **Schedule:** You can schedule the night light on your device: **None**, **Turns on at custom time** and **Turns on from sunset to sunrise**
    - **Status:** Turn **On** the **Status** to enable the night light on your device.
    - **Intensity:** You can increase/decrease the light intensity as per your requirement. For increasing and decreasing the light intensity, enable the **Status** option.
  - **Adaptive brightness:** This optimizes the brightness level for available light.
  - **Show network operator:** Turn **On** to display the network name on the status bar.
  - **Advanced:**
    - **Wallpaper:** Set the wallpaper for your home screen. You can select from one of the following wallpaper collections:

<b>Live Wallpapers</b>	Includes only live wallpapers (Holo spiral).
<b>Photos</b>	Includes photos and screenshots taken using the phone's camera.
<b>Wallpapers</b>	Includes images that are preloaded with the phone and photos as well as Live Wallpapers.

- **Sleep:** Set the sleep time so that the screen brightness is turned down after specified time of phone inactivity. This setting also optimizes the battery power. The options are: **15 seconds**, **30 seconds**, **1 minute**, **2 minutes**, **5 minutes**, **10 minutes** and **30 minutes**.
- **Auto-rotate screen:** Turn **on** to set auto-rotate screen **ON**.  
By enabling **Auto-rotate screen** option, screen orientation will change from portrait to landscape or vice versa depending upon the device orientation automatically.

- **Font size:** Set the font size of the text to be displayed on the screen.
- **Display size:** You can make the items on your screen smaller or larger. Some apps on your screen might change position.
- **One handed operation:** Turn **On** to use one hand to dial a number or unlock the device.
- **Screen saver:** You can set any of the applications as a screen saver.
  - **Current screen saver:** Tap the desired app and select as a current screen saver.
  - Tap on **Settings** (⚙️) which is beside **Current screen saver** to go to the **Screen saver** settings. Tap on **Style**.

The following options are displayed: **Digital and Analog**. Check the box next to **Night mode** to have a very dim display for dark rooms.

- Tap on **When to start** and the following options are displayed: **While charging**, **While docked**, **While charging or docked** and **Never**. Select the desired option and tap on **START NOW** button.
- **Ambient display:** Tap on **Ambient display** and enable **New notifications**. The device screen is awake when you receive notifications.

# SOUND SETTINGS

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## SOUND

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Sound** (🔊).  
Set the following options to set the Sound settings in your device:
2. **Media volume:** Adjust the media volume as per your requirement.
3. **Alarm volume:** Adjust the alarm volume as per your requirement.
4. **Ring volume:** Adjust the ring volume as per your requirement.
5. **Notification volume:** Adjust the volume for notification as per your requirement.
6. **Couple Ring and Volume:** Enable this option to control both Ring and Notification volume together when you adjust volume.
7. **Also vibrate for calls:** Enable this option to set the device on vibrate during calls.
8. **Hac mode:** Enable this option to make your device hearing aid compatible.
9. **Do Not Disturb preferences:**
  - **Priority only allows:**
    - **Reminders:** Enable this option to set the reminders.
    - **Events:** Enable this option to get the pop-up message on the events.
    - **Alarms:** Enable this option to get the alarm notification.
    - **Messages:** You can set the priority for the messages based on **From anyone**, **From contacts only**, **From starred contacts only** and **None**.
    - **Calls:** You can set the priority for the calls based on **From anyone**, **From contacts only**, **From starred contacts only** and **None**.
    - **Repeat callers:** Enable this option to allow a call from the same person who calls second time within a 15 minutes period.
  - **Block visual disturbances:**
    - **Block when screen is on:** Prevents notification from popping on the screen.
    - **Block when screen is off:** Prevents notifications from turning on the screen or pulsing the notification light.
  - **Automatic rules:** You can add a new rule for **Event** or **Time**. You can also delete the rules which are already created.
10. **Phone ringtone:** Select the required ringtone from the list and tap on **OK** to set as the ringtone. You can also add a new ringtone using **Add ringtone (+)** option.
11. **Advanced:**
  - **Default notification sound:** Select the required notification ringtone from the list and tap on **OK** to set as the ringtone. You can also add a new ringtone using **Add ringtone (+)** option.
  - **Default alarm sound:** Select the required alarm sound from the list and tap on **OK** to set as the ringtone. You can also add a new ringtone using **Add ringtone (+)** option.
12. **Other sounds and vibrations:**  
Enable and disable the following options to make the sound **On/Off:**
  - Keypad sounds
  - Dial pad tones
  - Screen locking sounds
  - Touch sounds
  - Vibrate on tap
  - Power on sounds
  - **Emergency Alerts:** For more information on Emergency alerts, refer to "Emergency alerts" on page 24.

## STORAGE SETTINGS

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From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Storage** (☰).

### STORE MANAGER

1. Tap on **Storage manager**. Turn **ON** to manage the **Storage** by **Storage Manager** and **Remove photos and videos** which are 90 days old.
2. On **Storage** page, the following options are displayed with memory used for each app:
  - Photos and videos
  - Music & audio
  - Games
  - Movie & TV apps
  - Other apps
  - Files
  - System

## USB POWER SAVING

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From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **USB Power Saving** (🔌).

### AUTOMATIC POWER ON

- Tap on **Automatic power ON**. If enabled, the device will be automatically powered **ON** when the USB is connected.

### AUTOMATIC POWER OFF

Under **Automatic power OFF**, the following options are displayed:

- **Automatic power OFF:** If enabled, the device will be automatically powered **OFF** at the set time.
- **Power off device at:** If you enable **Automatic Power OFF**, this option will be active. You can set the time for the device to be powered off.
- **Automatic power OFF:** If this is enabled, upon USB disconnection, the device is powered off at the set hours.
- **On USB disconnect, power off:** You can set the time for the device to be powered off once the USB is disconnected.

# SECURITY AND LOCATION SETTINGS

From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Security & location** (🔒).

## SECURITY STATUS

1. Under **Security status**, the following options are displayed:
  - **Google Play Protect:** Tap on **Google Play Protect**. Google Play Protect regularly checks your apps and device for harmful behavior. You will be notified of any security risks found.
    - **Recently scanned apps:** The apps which are scanned recently are listed.
    - **Scan device for security threats:** Turn **On** so that Google can regularly check your device and prevent or warn about potential harm.
    - **Improve harmful app detection:** Turn **On** to send unknown apps to Google for better detection.
  - **Find My Device:** Using this option, you can locate your device remotely. It also helps you keep your data safe if the device is lost.
    - **Web:** You can access the web and it's content.
    - **Google:** You can access Google and it's content.
  - **Security update:** The information about the system updates is displayed. Tap on **Check for update** to view if there are any updates.

## DEVICE SECURITY

The following options are displayed under Device security:

- **Screen lock:** Tap on **Screen lock** option and the following options are displayed:
  - **None:** Disables the phone lock.
  - **Swipe:** When the phone is locked, swipe the screen upwards to unlock it.
  - **Pattern:** You can unlock the device using the pattern.
  - **PIN:** When enabled, enter your own PIN value. When phone is locked, unlock it using the PIN.
  - **Password:** When enabled, enter your own device password. When the phone is locked, unlock it using this password.

When the phone is locked, you can answer an incoming call, without unlocking the phone.

- Tap on the **Settings** (⚙️) icon which is present next to **Screen lock** option.
  - **Lock screen message:** You can enter the message and the same is displayed on the screen when the phone is locked.

- **Lock screen preferences:**
    - **On the lock screen:** You have two options; **Show all notification content** and **Don't show notifications at all**.
    - **Add users from lock screen:** Enable this option to add users from lock screen.
    - **Lock screen message:** You can enter the message and the same is displayed on the screen when the phone is locked.
  - **Fingerprint:** You can unlock your device using your fingerprint. You have to register your fingerprint to unlock your device.
  - **Smart Lock:** Smart Lock option will be active when the phone screen lock is set to **Pattern/PIN/Password**:
    - On-body detection
    - Trusted places
    - Trusted devices
    - Trusted face
    - Voice Match
- To learn more about **Smart Lock**, from the **Smart Lock** screen, tap on the **Options** (⋮) > **How it works**. Tap on **Help** and the Google support window is displayed. You can check for the required information.
- **Secure start-up:** By default, this option is greyed out. This option is enabled once the user set the security to **Pattern/PIN/Password**.

## PRIVACY

1. The following options are displayed under **Privacy**:
  - **Location:** Set the **Mode** to one of the following options:
    - **High accuracy:** uses AGPS, Wi-Fi, mobile networks, and other sensors to get the highest accuracy location for your device. It uses location help to estimate your location faster and more accurately.
    - **Battery saving:** allows your device to estimate your location using low battery-intensive location sources, such as Wi-Fi and mobile networks. It uses location help to estimate your location faster and more accurately.
    - **Device only:** allows your device to estimate your location using GPS only. It uses the satellite information to provide location information. This mode may use more battery power and take longer time to determine your location.
  - **App-level permissions:** The list of different apps which are enabled/disabled are displayed. Tap on **Options** and **Show System** option is displayed.
  - **Scanning:** The following options are displayed:

- **Wi-Fi scanning:** Turn **ON** this option to improve location services by allowing the system apps and services to detect Wi-Fi networks at any time.
  - **Bluetooth scanning:** Turn **ON** this option to improve location services by allowing the system apps and services to detect Bluetooth devices at any time.
2. Under **Location services**, the following options are displayed:
    - **Accelerated Location:** Tap on Agree to improve location performance and battery saving.
    - **Google Emergency Location Services:** Tap on **Google ELS**. Enable **Send ELS Location**. If **ELS** is supported in your region, when you contact an emergency number your device may automatically send its location to emergency responders using **ELS**.
    - **Google Location History:** Turn **ON** the **Location History**:
      - **Devices on this account:** Different devices are listed here in which you are logged in with the same Google account.
      - **Manage Activity:** You can explore your **Timeline** which is based on your **Location History**. Also gives you automatic commute predictions, improved search results and other useful information.
      - **Show All Activity Controls:** The data saved in your account helps give you more personalized experiences across all Google services. You have different activities like: Web & App Activity, Device Information, Voice & Audio Activity and YouTube Search/Watch History
    - **Google Location Sharing:** To share your real-time location, open the Google Maps and sign in. Tap on **Menu (☰) > Location Sharing (👤)**. Tap on **GET STARTED** and you can share your real-time location in the following ways:
      - **For 1 hour:** You can increase or decrease the time using + and - signs to share your real-time location. The minimum time is 15 minutes and the maximum is three days.
      - **Until you turn this off:** If you enable this option, until you turn it **OFF**, you cannot share your real-time location.
      - **Select People:** Tap on this option to share your real-time location details to the selected people from your contacts.
      - **Bluetooth:** Tap on this option to share your real-time location details via Bluetooth to the other devices.
      - **More:** You can share your real-time location details via the following ways: Bluetooth, Messaging, Android Beam, Copy to clipboard, Gmail and Keep Notes.
  - On **Location Sharing** screen, tap on **More (☰)** and the following options are displayed: Location Settings, About and Help.
  3. You can view the apps which have requested your location recently under **Recent location requests**.
    - **Use assisted GPS:** Turn **ON** this option to use server to assist GPS.
  4. Enable **Show passwords** to display the password characters as you type in.
  5. **Device admin apps:** You can select any of the listed apps as a device admin app by checking the box next to the app.
  6. Tap on **SIM card lock**. The following two options are displayed:
    - **Lock SIM card:** If you turn **ON** this option, you can set the desired PIN to use the phone.
    - **Change SIM PIN:** You can change the SIM PIN by entering the new PIN number.
  7. **Encryption & credentials:**
    - **Encrypt phone:** By default, the phone is already encrypted.
    - **Credential storage:**
      - **Storage type:** Displays the storage type.
      - **Trusted credentials:** You can view and verify the system and user certificates.
      - **User credentials:** You can view and modify stored credentials.
      - **Install from SD card:** You can view and install new user certificates from SD card.
      - **Clear credentials:** You can remove all certificates.
  8. **Trust agents:** To use this option, a screen lock should be set.
  9. **Screen pinning:** Turn on to use screen pinning to keep the current screen in view until you unpin.
  10. **Apps with usage access:** Select the app and select center key to enable/disable the **Permit usage access**.

# USERS & ACCOUNTS

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## USERS

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Users & accounts** (👤).
2. Tap on **Users > You (owner)**. Change the Profile info and tap on **OK**.
3. Tap on **Guest > Settings** (⚙️) and enable **Turn on phone calls**.  
By enabling **Turn on phone calls**, you are able to make a call from the guest mode as well. By disabling this option, you are not able to call from the guest mode.
4. Tap on **Add user** (+). You can set up a new user. The device will recognize up to three users: **You** (owner of the device), **New user** and **Guest**.

## ACCOUNTS FOR OWNER

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Users & accounts** (👤).
2. If Google account is configured, the account details are displayed under **Accounts for owner**.
3. Tap on **Add account** (+). You can add the following accounts:
  - Duo
  - Duo Preview
  - Exchange
  - Google
  - Personal (IMAP)
  - Personal (POP3)

## EMERGENCY INFORMATION

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Users & accounts** (👤).
2. Tap on **Emergency information**.
3. Under **Medical information > Edit information** (📝). Enter the following information:
  - Name
  - Address
  - Blood type
  - Allergies
  - Medications
  - Organ donor
  - Medical notes



Medical information and emergency contacts can help first responders in an emergency.

4. Under **Emergency contacts > Add contact** (+). You can add a new contact. Phonebook screen is displayed. Tap on the desired contact and it is added to emergency contacts.

## AUTOMATICALLY SYNC DATA

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Users & accounts** (👤).
2. Under **Accounts for Owner > enable Automatically sync data** to refresh data automatically.

## ADD USERS FROM LOCK SCREEN

1. From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Users & accounts** (👤).
2. Enable **Add users from lock screen** to add user when the device is locked.

## ACCESSIBILITY

You can make websites and applications more accessible to people with disabilities when they are using mobile phones and other devices.

From **Notifications** or **App** menu, tap on **Settings** (⚙️) > **Accessibility** (♿️).

### VOLUME KEY SHORTCUT

1. Tap on **Volume key shortcut**. Turn **On** to enable **Shortcut service**. You can select any of the listed service to set a shortcut.
2. Enable **Allow from lock screen** to perform this functionality.



When the Volume key shortcut is **ON**, you can press both volume keys for 3 seconds to start an accessibility feature.

### SCREEN READERS

Under **Screen readers**, the following services are displayed:

- **Select to Speak:** When **Select to Speak** is on, you can tap specific items on your screen to hear them read aloud.
- **TalkBack:** When **TalkBack** is enabled, it helps vision-impaired users interact with their devices. It uses spoken word, vibration and other audible feedback to let you know what is on your screen.
- **Text-to-speech output:**
  - **Preferred engine:** By default, the preferred engine is **Google Text-to-speech engine**. Tap on **Settings** (⚙️) and **Google TTS** options are displayed. Set the options as per your requirement.
  - **Language:** By default, **Use system language** option is selected. You can also select the desired language.
  - **Speech rate:** Tap on **Speech rate** to set the speech input rate to a comfortable speed.
  - **Pitch:** Tap on **Pitch** to set the pitch rate.
  - Tap on **PLAY** to hear an example of speech synthesis in English.
  - Tap on **RESET** to reset the settings.

### DISPLAY

Under **Display**, the following options are displayed:

- **Font size:** You can set the font size from smaller to larger and see the preview of the same.

- **Display size:** You can set the items on your screen from smaller to larger.
- **Magnification:** You can set to **ON** to perform the below gesture on the device screen:
  - Magnify with triple-tap
- **Color correction:** Turn **On** to make the color correction.
  - **Correction mode:** The following options are displayed: **Deuteranomaly (red-green)**, **Protanomaly (red-green)** and **Tritanomaly (blue-yellow)**
- **Color inversion:** If this is enabled, displayed colors are inverted and may affect the performance.
- **Large mouse pointer:** Enable this option to set the large mouse pointer.

### INTERACTION CONTROLS

Under **Interaction controls**, the following options are displayed:

- **Switch Access:** Turn **On** to let people with motor impairments control phones using one or more switches. Use switches to select items, scroll, enter text and more.
- **Click after pointer stops moving:** Turn **On** to set the delay before click.
- **Power button ends call:** Turn **On** to enable the call ending using the power button.
- **Press Home wake up:** Turn **On** to make the home screen wake up on press.
- **Auto-rotate screen:** Turn **On** to set auto-rotate screen **ON**.
- **Touch & hold delay:** You can set the delay time as **Short**, **Medium** and **Long**.

### AUDIO & ON-SCREEN TEXT

Under **Audio & on-screen text**, the following options are displayed:

- **Mono Audio:** Enable **Mono audio** to combine the channels when playing audio.
- **Captions:** When **Captions** is **ON**, you can set the following options under **Standard options**:
  - Language
  - Text size
  - Caption style

### EXPERIMENTAL

Under **Experimental**, following option is displayed:

- **High contrast text:** If this option is enabled, you can see the text changes into the contrast colors.

## ACCESSORIES

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### CSM SETTINGS

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **Accessories** (📱).
2. Tap on **CSM Settings**.
3. Turn **ON** CSM settings to select any application to get CSM settings.
4. You can register CSM application and the same is displayed in **Registered CSM applications**.

## PROGRAMMABLE KEYS

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You can assign any application to the programmable key.

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **Programmable keys** (🔑).
2. There are three programmable keys on your XP8 and you are able to change the functionality of these buttons at any time.  
These are the **PTT** key on the left hand side of the device, and on the right hand side is the **YELLOW** programmable key and the **ALARM** (red) programmable key.
3. To program a new function for any or all of these buttons, go to **Settings > Programmable Keys**. Highlight the appropriate key you would like to program and from the next screen simply select the application you would like to run when that button is pushed.
4. **Select Press and Hold timer to engage PTT key:** You can engage a PTT key by selecting **Press** and **Hold timer** together. You can set the timer for any of the following time frame:
  - Off
  - 0.1 second
  - 0.25 second
  - 0.5 second
  - 1 second
  - 1.25 seconds
  - 1.5 seconds
  - 1.75 seconds
  - 2 seconds
  - 2.25 seconds
  - 2.5 seconds
  - 2.75 seconds
  - 3 seconds



## ACCOUNT

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **Google** (G).
2. Under **Account**, you have **Google Account**. Tap on **Google Account**. The details about configured Google account are displayed.

## SERVICES

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **Google** (G).
2. The following services are displayed under **Services**:
  - Account services
  - Ads
  - Backup
  - Chromebook
  - Data & messaging
  - Device connections
  - On-device sharing
  - Parental controls
  - Security
  - Set up & restore

**Developer**

  - Firebase App Indexing

Tap on the **Options** (⋮) and the following options are displayed:

  - Clear app data (If Google account is configured in the device)
  - Usage & diagnostics
  - Open source licenses
3. Tap on **Help** (🔗). You can explain your issue under **Describe your issue**. You can also view **Popular articles**. Tap on **Send feedback** (💬) icon to send a feedback.
4. Tap on the **Options** (⋮) on **Help** screen. The following options are displayed:
  - View in Google Play Store
  - Print
  - Clear Help history
  - Version info

## LANGUAGES & INPUT

You can set the phone's language to any of the languages displayed in the language list.

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **System** (⌚) > **Languages & input** (🌐).
2. Tap on **Languages** and select any desired language from the list as your preferred language.
  - **Default language:** English is set as the default language. This can be changed by you if you prefer to have a different default language.
  - **Add a language:** The following languages can be set as a **Suggested** language:
    - English (India)
    - Français (France)
    - Español (Estados Unidos)

All the menu items and user feedback messages will be displayed in the set language.
  - **All languages:** All the languages are listed. You can select any of the available languages and it will be added to the list.
  - **Search:** Tap on **Search** icon (🔍) to search a language.
3. The following options are displayed under **Keyboard & inputs**:
  - **Virtual keyboard:**
    - **Gboard:** You can use **Google keyboard** which is multilingual typing keyboard.
    - **Google voice typing:** You can use **Google voice typing** for entering the text instead of using the keyboard.
    - **Manage keyboards:** From this menu, you are able to enable and manage different keyboards available to you.
  - **Physical keyboard:**
    - **Show virtual keyboard:** Enable this option to keep it on screen while physical keyboard is active.
    - **Keyboard shortcuts helper:** Display available shortcuts.
4. The following options are displayed under **Advanced > Input assistance**:
  - **Spell checker:** Tap on **Spell checker** and turn it **ON**.
    - **Languages:** By default, the **Languages** is set to **Use system languages**. You can select any other language from the list.
    - **Default spell checker:** You can select either Indic

English spell checker or Google spell checker for spell checking.

- Tap on **Settings** (⚙️) and enable Look up contact names so that the Spell checker uses entries from your contact list.
- **Autofill service:** You can select either **None** or **Google** from the services list. Tap on **Add service** (+) to add a new service.
- **Personal dictionary:** The default keyboard input language is set to English (US)/Latin Spanish. This cannot be modified. Tap on (+) icon to add a custom word in **Type a word** field and **Shortcut** also to the personal dictionary.
- **Pointer speed:** You can maximize or minimize the **Pointer speed** to your desired level.
- **Text-to-speech output:** The **Preferred engine** is set to **Google Text-to-speech Engine**. To change the Google Text-to-speech engine settings, tap on **Settings** (⚙️) provided next to the engine.
  - **Language:** By default, the **Language** is set to **Use system language**. You can select any other language from the list.
  - **Speech rate:** You can adjust the **speech rate** to your comfortable speed.
  - **Pitch:** You can select the desired pitch rate.
  - **PLAY:** Tap on **PLAY** to hear the audio of speech synthesis example.
  - **RESET:** Tap on **RESET** to reset the settings.

## GESTURES

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **System** (ⓘ) > **Gestures** (👉).
2. The following options are displayed:
  - **Jump to camera:** Turn **ON** this option to quickly open camera, press the power button twice. This gesture works from any screen.
  - **Swipe for quick functions:** Turn **ON** this option to accept/reject incoming calls, to switch tabs, to scroll a list and just swipe your hand above the display.
  - **Toggle Torch:** Turn **ON** this option to allow you to activate your flashlight (or torch) by a quick double-shake of the device.

## DATE AND TIME

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **System** (ⓘ) > **Date & time** (🕒).
2. Select the following options to set the date and time in your device:
  - **Automatic date & time:** To synchronize the date and time with the network provided time, enable **Automatic date & time**.
  - **Automatic time zone:** To synchronize the time

zone with the network provided time zone, enable **Automatic time zone**.

- **Set date:** To set the date manually, select **Set date**. Scroll and select the date, month and year. Tap on **OK**. This option is enable when **Automatic date & time** option is turned **OFF**.
- **Set time:** To set the time manually, select **Set time**. Scroll and select the hour and minute. Tap on **OK**. This option is enable when **Automatic date & time** option is turned **OFF**.
- **Select time zone:** To set the time zone, tap on **Select time zone**. Scroll and select your time zone. This option is enable when **Automatic time zone** option is turned **OFF**.
- **Use 24-hour format:** To set the clock to 24-hour format, turn **ON Use 24-hour format**. By default, the phone is set to 12-hour format.

## BACKUP

If you need to replace your device or erase its data, you can restore your data for any accounts that were previously backed up.

To backup your date;

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **System** (ⓘ) > **Backup** (📁).
2. Turn **ON Back up to Google Drive**. Tap on **Account** (👤) to add a new account (If Google account is not configured in your device).
  - Turn **ON Back up to Google Drive**. Tap on **Account** (👤) > **Add account** (If Google account is configured in your device) to add a new account.
3. You can easily restore your data or switch phones at any time. Active backups include:
  - App data
  - Call history
  - Contacts
  - Device settings (including device configuration such as wallpaper, Wi-Fi passwords and default apps)
  - SMS text messages
4. When you turn **OFF Back up to Google Drive**, a confirmation message is displayed; **Turn off and delete backup?** Current device's backup data in Google drive will be permanently deleted.

## SYSTEM UPDATE

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **System** (ℹ️) > **System update** (📄).
2. The following information is displayed:
  - Android version
  - Security patch level
  - Last successful check for update
3. Tap on **Check for update**. If there are any updates, the update will start.

## RESET OPTIONS

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **System** (ℹ️) > **Reset options** (🕒).
2. The following options are displayed:
  - **Reset Wi-Fi, mobile & Bluetooth:** Tap on this option to reset the network settings which includes; Wi-Fi, Mobile data, Bluetooth and NFC. Tap on **RESET SETTINGS** > **RESET SETTINGS** to reset all network settings. You cannot undo this action.
  - **Reset app preferences:** Tap on this option to reset the following preferences for:
    - Disabled apps
    - Disabled app notifications
    - Default applications for actions
    - Background data restrictions for apps
    - Any permission restrictionsDuring this task, you will not loose any app data.

3. **Erase all data (factory reset):** Tap on this option to erase all data from your phone's internal storage. The data includes;
  - Your Google account
  - System and app data and settings
  - Downloaded apps
  - Music
  - Photos
  - Other user dataYou are currently signed into the following accounts:  
Google account


Tap on **RESET PHONE** to reset the device. A message is displayed; **Erase all your personal information and downloaded apps? You can't undo this action!**

Tap on **ERASE EVERYTHING** to erase all the data.

## ABOUT PHONE

1. From **Notifications** screen or **App** screen, tap on **Settings** (⚙️) > **System** (ℹ️) > **About phone** (ℹ️).
2. The following information is displayed:
  - Status
  - Legal information
  - Model
  - Android version
  - Android security patch level
  - Baseband version
  - Kernel version
  - Build number




## MANAGING CONTACTS

You can use the phonebook to maintain phone numbers of your contacts. This feature enables you to add, dial phone numbers and send SMS and MMS messages. To access the contacts, from **Home** screen, select **Contacts** (  ). The contacts saved in the phonebook are displayed.


### ADDING A CONTACT

After inserting the SIM, when you switch **ON** the device for the first time and there are no contacts added in the device or SIM.



### CREATING A NEW CONTACT

1. From **Home** screen or **App** menu, tap on **Contacts** (  ).
2. Tap on **Create new contact** (  ) and **Create new contact** screen is displayed. Enter all the details and tap on **SAVE**. The contact is added to the phonebook.
3. To add a new contact from dialer/phone, tap on the **Phone** (  ) from the home screen. Tap on **OK** and dial the desired number.
4. Tap on **Create new contact**. Enter all the details and tap on **SAVE**. The contact is added to the phonebook.

### VIEWING CONTACT DETAILS






1. From **Home** screen or **App** screen, tap on **Contacts** (  ).
2. Tap on the required contact to view the contact details.

### EDITING THE CONTACT DETAILS

1. From **Home** screen or **App** screen, tap on **Contacts** (  ).
2. Scroll to the required contact and tap on the contact to view details.
3. Tap on the **Edit** (  ) which is present on top right corner
4. Edit the required details. Tap on **SAVE** to save the details.

## SENDING A MESSAGE FROM CONTACTS


You can send SMS and MMS messages to the contacts.

1. From **Home** screen or **App** menu, tap on **Contacts** (  ).
2. Scroll to the required contact and tap and open it.
3. Tap on **Messages** (  ).
4. The **Messages** screen is displayed. Enter the message and tap on **Add contact** (  ). Tap on the required contact.
5. Tap on **Attach** (  ) to attach any of the following:
  - Pictures
  - Capture picture
  - Videos
  - Capture video
  - Audio
  - Record Audio
  - Slideshow
  - Insert contact info
  - Contact vCard
  - Import Template
6. Tap on **SMS** (  ) to send the message.




If you attach a media file or a contact to your SMS message it is converted to an MMS message automatically.

### MENU OPTIONS

On the **Contacts** screen, tap on **Menu** (  ) to view the menu options. Following are the menu options:

#### CREATE LABEL

1. Under **Labels > Create label** (  ). The following options are displayed if Google account is configured in the device:
  - Google account
  - PHONE
2. Tap on one of the displayed option and enter the desired label name and tap on **OK**.
3. On the **Contact** screen, tap on **ADD CONTACTS**. Tap on the desired contact and it is added to the label. Created labels are displayed under **Labels**.

#### ACCOUNTS

You have the following options under **Accounts**.

1. **Google account:** The contacts saved in the account are displayed.
2. **PHONE:** The contacts saved in the phone are displayed.
3. **SIM:** The contacts saved in the SIM are displayed.

## SETTINGS

1. Tap on **My info** to set up your profile. Enter the details and tap on **SAVE**.
2. Tap on **Accounts**. For more information, refer to “Users & Accounts” on page 30.
3. Tap on **Default account for new contacts** and the following options are displayed:
  - Google account
  - PHONE
  - SIM Card
4. Tap on **Contacts to display**. You can display the contacts in one of the following ways:
  - **All contacts**: When this option is selected, all the contacts are displayed.
  - **Customize**: You can customize the contacts to be displayed.
5. Tap on **Sort by**. You can sort the contacts by their **First name** or **Last name**.
6. Tap on **Name format**. You can select any one of the following options to display contact name:
  - First name first
  - Last name first.
7. Tap on **Phonetic name**. You have following options:
  - Always show
  - Hide if empty
8. Tap on **Import**. You have following two options:
  - **.vcf file**: Tap on **.vcf** file to save imported contact to **Google account** (if it is configured) or **PHONE**.
  - **SIM card**: Tap and select the desired contact and tap on Import. Selected contacts are imported to the SIM.
9. Tap on **Export**. The following options are displayed:
  - **Export to .vcf file**: Tap on option and select contact or contacts. The contacts are saved as **contacts.vcf**. Tap on **Save** and a toast message is displayed; **Contacts will be exported shortly**.
  - **Share all contacts**: Tap on the option and a toast message is displayed: **Contacts will be exported shortly. Finished exporting contacts, click the notification to share contacts**. Tap on **Finished exporting contacts** from **Notification bar** and you can see different option to share the contact:
    - Messaging
    - Gmail
    - Android Beam
    - Bluetooth
    - Save to Drive
  - **SIM card**: Tap on SIM card. Tap on the check box and select the desired contacts. Tap on **OK**.



Selected contacts are exported to the SIM card.





If the device has only one vcf file, it is imported without any selection window.

10. Tap on **Blocked numbers**. You will not receive any calls or text messages from the blocked numbers.
  - Tap on **ADD A NUMBER**. Enter the number to be blocked and tap on **BLOCK**. The number is blocked and you do not receive any call or message from that number.
11. Tap on **About Contacts**. The following options are displayed:
  - Build version
  - Open source licenses
  - Privacy policy
  - Terms of service



## SEARCHING A CONTACT

1. From **Home** screen or **App** screen, tap on **Contacts** (  ).
2. Tap on **Search** (  ) and enter the first few letters/ numbers of the contact name/phone number to be searched. All the contacts containing the searched text are displayed.

## SHARING A CONTACT


1. From **Home** screen or **App** screen, tap on **Contacts** (  ).
2. Long tap on the desired contact to select it.
3. Tap on **Share** (  ) and you can use any of the following modes to share the contact:
  - Messaging
  - Gmail
  - Android Beam
  - Bluetooth
  - Save to Drive








## DELETING A CONTACT

1. From **Home** screen or **App** screen, tap on **Contacts** (  ).
2. Tap on **Delete** (  ). All the contacts are displayed.
3. Check the box next to the contact to be deleted.
4. Tap on **OK**. A confirmation message is displayed; These contacts will be deleted. Tap on **OK**. The contact is deleted.







# MANAGING CALL SETTINGS

## MAKING A CALL

From **Home** screen or **Apps** Menu, tap on the **Phone** () icon. The Phone screen with the following options are displayed:



Search	
Voice search	
Call history	
Dial pad	
Menu Options	
Favorite	
Contacts	

To dial a number use any of the following options:





- **From Favorite tab:** Tap on **Favorites** icon () the specific contact/number from the Favorite called/Received/Missed numbers list to make a call.
- **From Call history tab:** Tap on the **Call History** icon () icon. Tap on the **Phone** icon () beside the contact.
- **From Contacts tab:** Tap on **Contacts** icon () and select the desired contact. Tap on phone icon () to initiate a call.
- **Dial pad:** Tap on the dial pad () icon. The numeric touch keypad is displayed. Enter the phone number and tap the phone icon to make a call.

To dial an international number, prefix the phone number with the respective country code.





## DIALING A NUMBER VIA CONTACT

1. From **Home** screen or **App** screen, tap on **Contacts** () icon.
2. Scroll to the contact list and tap on the contact. The contact details are displayed.
3. Tap on the **phone** icon () and a call is initiated.

## ADDING CONTACT FROM HOME SCREEN

1. From **Home** screen or **App** screen, tap on the **Phone** () > tap on **Dial pad** () icon. Enter the required number to be dialed.
2. Tap on **Add to a contact** () > select a desired contact from the list > **Save**.
3. Tap on **Create new contact** () icon.
4. In the **Create new contact** screen, add the name and other details for the contact.
5. Tap on **SAVE** to save the contact details.

## CALL HISTORY SCREEN

1. From **Home** screen or **App** screen, tap on **Phone** () icon.
2. Tap on **Options** () > **Call History** () icon.
3. The following options are displayed:
  - **ALL tab:** The call log for today, yesterday and older period of time are displayed. The call log includes missed calls, received calls, and dialed calls.
  - **MISSED tab:** The missed call log for today, Yesterday, and older period of time are displayed.
  - Tap on **Options** () icon. The following options are displayed:
    - **Clear call history:** Tap on **Clear call history**. A confirmation message is displayed. Tap on **OK** to clear the call log.



## MANAGING CALL SETTINGS

You can change the incoming call ring tone, set phone to vibrate while ringing and also activate voicemail, and other settings in Call settings screen.

Your phone uses sounds and vibrations to communicate with you, including ringtones, notifications, alarms, and navigation feedback. You can customize any of these sounds, as well as controlling their volume and the volume for music, videos, games, and other media.

The following settings are displayed:

## DISPLAY OPTIONS

1. From **Home** screen or **App** screen, tap on **Phone** () icon.
2. Tap on **Options** () > **Settings** > **Display options**.
  - **Sort by:** You can sort the contacts by **First name** or **Last name**.
  - **Name format:** You have two options to display the contact name:
    - First name first
    - Last name first

## SOUNDS AND VIBRATION

- **Phone Ringtone:** To change the phone ringtone,

1. From the **Home** screen **Apps** Menu, tap on **Settings** (⚙️) > **Sound** (🔊) > **Phone ringtone**.
2. Select the required ringtone from the list and tap on **OK**.  
The ringtone is changed.

### OR

1. From **Home** screen or **Apps** menu, select **Phone** (📞).
2. Tap on **Options** (⋮) > **Settings** > **Sounds and vibration**.
3. Tap on **Phone ringtone**.
4. Select the required ringtone from the list and tap on **OK**.  
The ringtone is changed.

- **Also vibrate for calls:** If this option is enabled, device is set to vibrate mode when a call is received.
- **Keypad tones:** Enable this option to set the tone for the keypad when numbers are dialed.
- **Call end tone:** Check this option to set a tone for call ending.

## QUICK RESPONSES

The quick responses are the messages that can be used to reject the call with a message.

1. From **Home** screen or **Apps** menu, select **Phone** (📞).
2. Tap on **Options** (⋮) > **Settings** > **Quick responses**.  
The following quick responses are displayed:
  - Can't talk now. What's up?
  - I'll call you right back.
  - I'll call you later.
  - Can't talk now. Call me later?
3. Tap on the required quick responses from the list to edit that particular message and tap on **OK** to save the message to the list.
4. When an incoming call arrives, touch the message icon to open a list of quick responses or the option to write your own message. Tap on one of the messages to send it to the caller immediately and the call gets disconnected.
5. Tap on **Options** (⋮) > **Restore defaults**.

## SPEED DIAL SETTINGS

With this option, the user can assign a contact to each key present in the keypad (2 to 9). Long press the key on keypad to initiate a call to the assigned contact.

To set the speed dial,

1. From **Home** screen or **Apps** menu, select **Phone** (📞).
2. Tap on **Options** (⋮) > **Settings** > **Speed dial settings**.
3. Assign a contact for each key present in the keypad (2 to 9). Key 1 used for voicemail.
4. Long press a particular key on the keypad to initiate a call to the assigned contact.
5. Any time you can replace the contact number for the assigned key number.

## CALLS

### Calling accounts

1. From **Home** screen or **Apps** menu, select **Phone** (📞).
2. Tap on **Options** (⋮) > **Settings** > **Calls** > **Calling accounts**.

### SIP settings

#### SIP accounts:

To add a SIP account and configure your incoming and outgoing preferences:

1. Tap on **Calling accounts** > **SIP settings** > **SIP accounts**.
2. On **SIP accounts** screen, tap on **Add SIP account** (+) to configure a new SIP account.
3. Enter the following details and tap on **Save** to save the account:
  - **Username:** Username to login to SIP account.
  - **Password:** Password to login to SIP account.
  - **Server:** SIP server details.
  - **Optional Settings:** Select to view/modify or hide optional details such as **Authentication username**, **Display name**, **Outbound proxy address**, **Port number**, **Transport type** and **Send keep-alive** options.

## Use SIP Calling:

A dialog pop-up will open with the following options:

- **For all calls:** If this option is selected and when the phone is connected to Wi-Fi network or mobile Internet, each dialed call becomes an Internet call.
- **Only for SIP calls:** If this option is selected, only SIP call can be dialed.

## Receiving Incoming Calls:

Enable **Receive incoming calls** to answer incoming Internet calls.

This might reduce your phone's battery life.

## Fixed Dialing Numbers (FDN)

1. From **Home** screen or **Apps** menu, select **Phone** (☎).
2. Tap on **Options (⋮) > Settings > Calls > Fixed Dialing Numbers**. The following options are displayed:
  - **Enable FDN:** Fixed dialing numbers are enabled.
  - **Change PIN2:** Change PIN for FDN access.
  - **FDN list:** You can manage phone number list.

## IMS Settings

1. From **Home** screen or **Apps** menu, select **Phone** (☎).
2. Tap on **Options (⋮) > Settings > Calls > IMS Settings**.

## Call forwarding

You can forward your incoming calls to a number in the contacts or a new number, provided your network operator supports this service.

1. From **Home** screen or **Apps** menu, tap on **Phone** (☎).
2. Tap on **Options (⋮) > Settings > Calls > Call forwarding > Voice and Video**.
3. The following options are displayed:
  - **Always forward:** Forward all incoming calls to a number.
  - **When busy:** Forward calls when your phone is busy.
  - **When unanswered:** Forward calls when you do not answer incoming calls.
  - **When unreachable:** Forward calls when your phone is switched off or is out of coverage area.

## Additional settings

1. From **Home** screen or **Apps** menu, tap on **Phone** (☎).
2. Tap on **Options (⋮) > Settings > Calls > Additional settings**.
3. The following options are displayed:
  - **Caller ID:** When SIM card is inserted, this option is enabled. This feature is used to display caller details (MSISDN or contact name) to the user. If there is no network connection, the number is displayed a private number.
  - **Call waiting:** When call waiting is enabled and the phone is in conversation, you receive a new incoming call, received new incoming call is displayed when you are on a call. To activate call waiting in the **Call settings** screen, enable Call waiting.

## CALL SCREENING

1. From **Home** screen or **Apps** menu, select **Phone** (☎).
2. Tap on **Options (⋮) > Settings > Call screening**.
3. Under **Screening incoming calls**, the following options are displayed:
  - **Screening incoming calls:** Check this option to enable screening of incoming calls.
  - **Screening incoming call setting:** You can set a rule by selecting any of the following options:
    - Allow only contacts
    - Block black list
    - Allow white list
4. Under **Screening outgoing calls**, the following options are displayed:
  - **Screening outgoing calls:** Check this option to enable screening of outgoing calls. Only calls to contacts are allowed.
5. Under **Manage list**, the following options are displayed:
  - **Manage black list:** Add a contact number to be blocked as a black list.
  - **Manage white list:** Add a contact number to receive calls only from the white list.

## VOICEMAIL

1. From **Home** screen or **Apps** menu, tap on **Phone** (☎).
2. Tap on **Options (⋮) > Settings > Voicemail**. Following options are displayed:
3. **Notifications:** Turn **On** Voicemails.
  - **Importance:** Following options are displayed:
    - **Urgent:** Make sound and pop on screen.
    - **High:** Make sound



## SENDING MESSAGES AND EMAILS

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

You can use the Messages app in your phone to send SMS and MMS message to other mobile phones or any other equipment that can receive SMS and MMS.






The MMS feature will be available only if subscribed from your network operator.

To access the message function, from **Home** screen or **App** screen, select **Messages app** (  ).

### SENDING SMS/MMS MESSAGE

You can send SMS and MMS messages to contacts in your phonebook and to new numbers that are not present in the phonebook.

1. To create an SMS message, from **Home** screen or **App** screen, tap on **Messages app** (  ).
2. Tap on **Start chat** (  ).
3. Enter the contact name or the phone number in **To** field. On entering an alphabet, contacts starting and containing the entered alphabet are displayed. Scroll down to select the required contact.
4. Type the message in Type message field. When you add an attachment, the message gets automatically converted to a multimedia message. MMS charges are applied based on the operator.
5. You can add any multimedia attachment up to the size of <=1 MB. To add an attachment, tap on **Attach** (  ). Select the attachment type from the options in the next step.
6. Browse to a specific folder and select the multimedia file to be attached.

- **Medium:** No sound
- **Low:** No sound or visual interruption
- **Sound:** Default notification sound is selected. You can select any other sound from the list.
- **Vibrate:** Turn **On** to get the vibration when a voicemail is received.



#### 4. Advanced:

- **Blink light:** Turn **On** the toggle button to enable the blink light when a voicemail is received.
- **Show notification dot:** Turn **On** the toggle button to show a notification dot when a voicemail is received.
- **Override Do Not Disturb:** Turn **On** this option when notifications continue to interrupt when Do Not Disturb is set to Priority only.



#### 5. Advanced Setting:

- **Service:** Displays our carrier name.
- **Setup:** You can set a number for your voicemail.

## ACCESSIBILITY

1. From **Home** screen or **Apps** menu, select **Phone** (  ).
2. Tap on **Options** (  ) > **Settings** > **Accessibility**.
3. **TTY Mode:** If you enable TTY mode, hearing-impaired individuals can send and receive phone calls as text over the phone.
4. In the call settings screen, tap on **TTY mode** to view and modify TTY mode settings.
5. Set one of the following options:
  - **TTY Off:** disables TTY mode.
  - **TTY full:** enables TTY mode for both incoming and outgoing calls.
  - **TTY HCO:** enables TTY mode only for incoming calls.
  - **TTY VCO:** enables TTY mode only for outgoing calls.

## ABOUT

1. From **Home** screen or **Apps** menu, select **Phone** (  ).
2. Tap on **Options** (  ) > **Settings** > **About**.
3. The following options are displayed:
  - Build version
  - Open source licenses
  - Privacy policy
  - Terms of service

ATTACHMENT TYPE	DESCRIPTION
<b>Emoji</b>	Attach an emoji from the available emojis.
<b>Camera</b>	Capture a new photo or image using the mobile camera and attach.
<b>GIF</b>	Search for the desired GIF image and attach.
<b>Stickers</b>	You can attach the stickers.
<b>Location</b>	Attach the location using Google map and share with the recipient.
<b>Share a contact</b>	Share any desired contact available in the phone and share it with other recipients.
<b>Voice recorder</b>	Record new audio using the sound recorder and attach.

<b>Hear outgoing message sounds</b>	Enable to view Sound and Vibrate options.
<b>Your current country</b>	Select the notification tone from the list.
<b>Smart Reply</b>	Enable this option to show the suggestions when available. To show you suggestions, Smart Reply uses your recent messages but does not store them.
<b>Automatic previews</b>	You have the following options to enable/disable: <ul style="list-style-type: none"> <li>• Show all previews</li> <li>• Show only web link previews</li> <li>• Only download data on Wi-Fi</li> </ul>

1. On **Messages** screen, tap on **Options** (⋮) > **Archived**. Archived conversations are displayed.
2. On **Messages** screen, tap on **Options** (⋮) > **Enable dark mode**. The Messages screen background turns into dark or black color.

## MANAGING MESSAGE SETTINGS

You can customize the way you want to view and filter the messages. You can also set the default messages application.

To view and modify the message settings,

1. To edit message settings, from **Home** screen or **App** screen, select **Messages app** (📧).
2. Tap on **Options** (⋮) > **Settings**.
3. View and edit the following settings:

SETTINGS	DESCRIPTION
<b>Default SMS app Messages</b>	If there are multiple message applications, you can set the default message app.
<b>NOTIFICATIONS</b>	
<b>Importance</b>	You have following four options to set: <b>Urgent, High, Medium</b> and <b>Low</b>
<b>Advanced</b>	
<b>Show notification dot</b>	Enable/disable this option to view unread notifications.

1. Tap on **Options** (⋮) > **Restore default settings**. The default settings are restored.

## DELETING MESSAGES




To delete messages,


1. From **Home** screen or **App** screen, tap on **Messages app** (📧).
2. Long tap on the message thread and the message gets selected. You can also select all the message threads by tapping on **Select all**. Tap on **Delete** (🗑).
3. A confirmation message is displayed. Tap on **DELETE** to delete the message.  
OR
4. Tap and open the message to be deleted.
5. Tap on **Options** (⋮) > **Delete thread**.
6. A confirmation message is displayed. Tap on **DELETE** to delete the message thread.
7. To delete a single message, select a particular message and tap on **Delete** (🗑).


## SETTING UP GMAIL ACCOUNTS


You have to configure your Gmail account to access your e-mail box and e-mail services.

## SENDING AN E-MAIL FROM POP3/IMAP ACCOUNT




1. From **Home** screen or **App** screen, tap on Gmail app (  ) > **new Email** (  ).
2. Enter the mail recipient in **To** field and subject in the **Subject** field in the **Compose** screen.
3. Tap on the **Options** (  ). The following options are displayed:

OPTION	DESCRIPTION
<b>Add from Contacts</b>	Add a contact from the phonebook.
<b>Confidential mode</b>	<p>Enable <b>Confidential mode</b>. The option <b>Set Expiration</b> is enabled. The options are:</p> <ul style="list-style-type: none"> <li>• Expires in 1 day</li> <li>• Expires in 1 week</li> <li>• Expires in 1 month</li> <li>• Expires in 3 months</li> <li>• Expires in 5 years</li> </ul> <p>Under <b>Require passcode</b>, tap on the drop-down list and check for the following options:</p> <ul style="list-style-type: none"> <li>• Standard</li> <li>• SMS Passcode</li> </ul> <p>All passcodes will be generated by Google.</p> <p>Select the desired option and tap on <b>SAVE</b> (  ).</p>
<b>Save Draft</b>	Save composed mail as draft.
<b>Discard</b>	Delete the selected email.
<b>Settings</b>	Set the general settings.
<b>Help &amp; feedback</b>	You can take the help about the mail and give feedback.



4. Tap on **Attach** (  ) icon and the following options are displayed:
  - Attach file
  - Insert from Drive

You can import files like picture and documents which are present in the drive.
5. Enter the message and tap on **Send** (  ).

## READING GMAIL

1. To manually retrieve a new mail from Gmail account, select **Hamburger menu** (  ) > **Settings** (  ) > **More option** > **Manage Accounts** > **Users & Accounts page** > **select a particular account**, go to **Account sync** > **More** > **Sync now** (  ).  
OR


You can also retrieve a new mail in by swiping down the Gmail screen and check for the new mail.

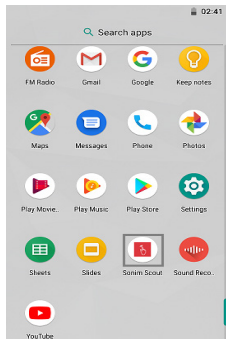
2. Tap on an email to read. The following options are available when a message is opened:
  - Reply
  - Reply all
  - Forward
  - Add to star/Add star
  - Archive
  - Delete
  - Mail icon
  - More Option
3. Tap on **More** (  ) option on the message window and the following options are displayed:
  - Reply all
  - Forward
  - Add star
  - Print
  - Mark unread from here
  - Block
4. On the same message window, tap on **More** (  ) option which is present on the top right corner of the screen. The following options are displayed:
  - Move to
  - Snooze
  - Change labels
  - Mark as not important/Mark as important
  - Mute
  - Print/Print all (Print all option is available when a mail is forwarded or replied.)
  - Report spam

# SONIM SCOUT

Sonim Scout is a solution that allows the user to register with Sonim and use a number of key enterprise features.

A Sonim Cloud account is required to fully utilize SCOUT capabilities. For more information, visit <http://www.sonimcloud.com>.

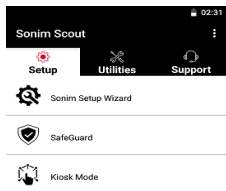
To access Sonim Scout, on the **App** screen, tap on **Sonim Scout** (  ).



## SETUP

Setup tab consists of the following features:

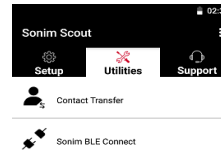
- Sonim Setup Wizard
- SafeGuard
- Kiosk Mode



## UTILITIES

Utilities tab consists of the following features:

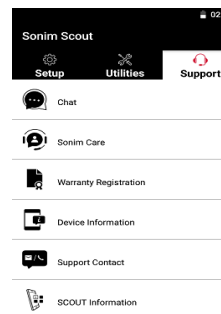
- Contact Transfer
- Sonim BLE Connect



## SUPPORT

Support tab consists of the following features:

- Chat
- Sonim Care
- Warranty Registration
- Device Information
- Support Contact
- SCOUT Information



# USING APPLICATIONS

## CAMERA

The Sonim XP8 has a rear camera with 12MP and front camera 8MP fixed focus for taking pictures. Saved pictures can be accessed/viewed from **Photos** (📷).

1. From **Home screen** or **App screen**, tap on **Camera** (📷).
2. Select Camera mode to set the following modes:
  - **Normal** (📷): To shoot a picture in normal mode, tap on soft key to capture the picture. Use **Volume Up** and **Down** key or pinch with fingers to **Zoom in** and **Zoom out**.
  - **Video** (📹): Tap on **Video** button to enable the video mode and start the recording. You can pause the recording in the middle by using **Pause** soft key (⏸) symbol. You can save or stop the video recording using the camcorder soft button (📹).
  - Tap on **camera soft key** (📷) to capture image and tap on Camcorder mode to record the video (📹).
3. On the **Camera** screen, tap on **Options** (⋮) and different mode options are displayed: **Auto, HDR, UbiFocus, Portrait, Landscape, Sports, Candlelight, Sunset, Night, Beach, Snow, ChromaFlash, BlurBuster, SharpPhoto, TrackingFocus, Panorama** and **ProMode**
4. On the **Camera** screen, tap on **Options** (⋮) > **Settings** (⚙️). The following options are displayed:
  - **General:**
    - **Store location:** You can enable/disable this option to see the location co-ordinates under information.
    - **Face Detection:** You can enable/disable this option that detects human faces so that the camera can set the focus.
    - **Storage:** You can choose the storage location either phone memory or SD card to store the captured pictures/Videos.
    - **Record Date & Time:** You can enable/disable this option that can display date and time on the recorded video or the photos.
  - **Still Camera:**
    - **Countdown timer:** You can set the countdown timer for the following options: **off, 2 seconds, 5 seconds and 10 seconds**.
    - **Continuous Shot:** You can enable/disable this option to set the camera for continuous shot.
    - **Picture size:** The following picture sizes are available. Select the desired size from the following options: **12M pixels, 8M pixels, 5M pixels, 3M pixels, 2M pixels, 1M pixels, VGA**
  - **Picture quality:** The following options are displayed: **Low, Standard and High**
  - **Red-eye Reduction:** Enable/disable this option to reduce having a red-eye effect in photography. Use this feature to reduce the potential appearance of the red-eye effect in color photographs.
  - **Exposure:** The following options are displayed: **-2, -1.5, -1, -0.5, 0, +0.5, +1, +1.5, +2**
  - **White balance:** This option will change the color balance in your pictures. The following options are displayed: **Auto, Incandescent, Fluorescent, Daylight and Cloudy**
  - **Shutter Sound:** This option is used to control the sound while capturing the image by enabling/disabling it.
  - **ZSL: Zero Shutter Lag** is a feature that synchronizes your shutter with capture icon. **ZSL ON** will capture images at the instant when you press the capture icon. **ZSL OFF** will capture the images with delay of 3 frames (or more depending on ISP).
  - **Save with RAW format:** Enable/disable this option to save a copy of camera raw files in the following formats: **DNG, JPEG, TIFF or PSD**
- **Video Camera:**
  - **Video quality:** You can choose any of the following options to set the video quality: **4k UHD, HD 1080p, HD 720p, SD 480p, VGA, CIF and QVGA**
  - **Video duration:** You can set the duration of the video recording to **30 seconds (MMS), 10 minutes, 30 minutes and no limit**.
  - **Image Stabilization:** Enable/disable this option to stabilize the captured image by varying the optical path to the sensor.
  - **Noise Reduction:** This option is used to reduce or get rid of noise in their digital images. The following are the options: **Off, Fast and High Quality**
  - **Video Encoder:** This option is used to choose the Video Encoding Format from the list of supported formats by the Camcorder for video recording. The following formats are supported: **H264 and H265**.
  - **Audio Encoder:** The following formats are supported: **AMRNB and AAC**
  - **Video Rotation:** You can rotate the recorded video in the following angles: **0, 90, 180 and 270**.

- **Time lapse:** It is a video recording mode that captures video at a very low frame rate. Following are the options: **off**, **Seconds** - 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 10, 12, 15, 24. **Minutes** - 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 10, 12, 15, 24; **Hours** - 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 10, 12, 15, 24
- **Video high FrameRate:** If the video quality option is set to 4k UHD, the video high framerate is disabled and you can select the option as per your desired available setting.
- **System:**
  - **Restore defaults:** The camera default settings are restored.
  - **Version Info:** The camera version details are displayed.

## CALENDAR

The Calendar helps you to set appointments, schedule reminders and alerts and repeat them if required. You can also view your saved tasks on a daily or weekly basis.

To access calendar;

1. From **App** screen, tap on **Calendar** (📅).
2. To change the calendar view, tap on **Option** menu (☰) and you can view the calendar in **Schedule, Day, 3 Day, Week** and **Month** format.
3. Tap on **Add** (+) icon to add the following in your calendar:
  - **Goal:** You can choose a goal and the calendar schedules sessions for your goals.
  - **Reminder:** You can set a reminder for a call, email, text, check-in, or reservation.
  - **Event:** You can add an event in the calendar and tap on **Save** to save the event.
4. Tap on **Options** (☰) > **Settings** (⚙️) to view the settings. The options are: **General, Events from Gmail, Events, Reminders, Birthdays** and **Holidays** which are synced with your email account.
5. Tap on **More Option** (⋮) > **Refresh** to sync the calendar.

## CLOCK

You can view the time of major cities in different time zones using this function. You also have the option to use **Daylight Saving Time (DST)**.

1. From **App** screen, tap on **Clock** (🕒).
2. Tap on **Clock** (🕒).
3. Select **World clock** icon (🌐) located at the bottom of the screen. To view the list of cities and the current time, enter the first few alphabets to get the list of cities. Tap on the city name and the

selected city and the current time is added to the Clock.

- The local time in the home city is displayed in the upper half of the screen.
- 4. Tap on **More options** (⋮) and the following options are displayed:
  - Screen saver
  - Settings
  - Send feedback
  - Help

## ALARM

You can set an alarm for a particular time.

1. From **App** screen, tap on **Clock** (🕒).
2. Tap on **Alarm** icon (🕒) on the top of the screen.
3. Tap on **Add** (+) to add a new alarm and tap on **OK**.
4. Set the following items: Check the box beside **Repeat** to set the alarm on all the days in a week.
  - Tap on **Default ringtone** and select the required ringtone.
  - You can enable the device to **Vibrate** when the alarm is set.
  - You can name the **Label**.
  - You can **Delete** the selected alarm.



The alarm will work even when the phone is set in silent mode.

## TIMER



1. From **App** screen, tap on **Clock** (🕒) > **Timer** (⌚).
2. The following actions can be performed:
  - RESET, START, STOP, DELETE, ADD TIMER and Label

## STOPWATCH

1. From **App** screen, tap on **Clock** (🕒) > **Stopwatch** (⌚).
2. Select **START** and **STOP** to run the stop watch.
3. Tap on **RESET** to reset the stopwatch time.
4. Tap on **LAP** to count the time duration for each lap.
5. Tap on **Share** (🔗) to share the details via any media.
6. Tap on **Pause** (⏸) to pause the stop watch.






## CALCULATOR

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

1. From **App** screen, tap on **Calculator** (  ).
2. Tap/swipe on the **left arrow mark** to go to the **Advanced panel**.
3. To enter the numbers, tap the numeric soft keys.
4. To use mathematical operators, touch the respective operation soft keys on the keypad.
5. After performing the calculations, tap on = for the result.
6. Tap on **More Options** (  ) and the following options are displayed:
  - History
  - Send feedback
  - Help



## SOUND RECORDER

You can record voice memos using the sound recorder. To access the sound recorder,

- From **App** screen, tap on **Sound Recorder** (  ).
  - To record an audio, tap on **Record** (  ).
  - To stop the recording, select **Stop** (  ).
  - To save the voice memo, tap on **SAVE**.
  - To exit without saving, tap on **DISCARD**.
  - To play the recorded file instantly, on the **Sound Recorder** home screen, tap on **Option** (  ) and the **Recording list** is opened. Tap on the desired recording.
  - To pause the recording file instantly, tap on **Pause** (  ).

## FILE MANAGER

You can view/edit/delete/share the files stored in the phone through File Manager.



1. From **App** screen, tap on **File Manager** (  ).
2. On the **File manager** screen, select any of the folders which is present.
3. Tap on **More Options** (  ) to view the following actions:
  - **Properties:** View the properties of the folder.
  - **Refresh:** Refresh the folder.
  - **New folder:** Create a new folder.
  - **New file:** Create a new file.
  - **Select all:** Selects all the folders.
  - **Deselect all:** Deselects the folder when they are selected.
  - **Add to bookmarks:** Bookmarks are added.
  - **Copy selection here:** You can copy the folder to same or different folder and the copied files/folders

are saved.

- **Move selection here:** You can move the folder to selected destination.
- **Delete selection:** Selected folder is deleted and you cannot undo this action.



**Copy selection here, Move selection here and Delete selection** are displayed under **More** option when a particular folder is selected.


- **Set as home:** You can set the selected folder as home folder (when you long press the selected folder).
  - **Add shortcut:** Shortcut is created for selected folder on the home screen.
4. Tap on **Hamburger Menu** (  ) and the following options are displayed: **BOOKMARKS and HISTORY**
  5. Tap on **Settings** (  ) and the following options are displayed:
    - General Settings, Search options, Editor options and About

## SIM TOOLKIT

SIM Toolkit commonly known as STK is a standard of the GSM system which enables the SIM to initiate actions which can be used for various value added services.




It displays the Operator specific services.

To access the SIM Toolkit,

- From **App** screen, tap on **SIM Toolkit** (  ).
- It displays the SIM provider and the respective services details.

## DOWNLOADS

You can download and install/view your android applications/media files, when your phone is connected to the Internet through Wi-Fi or mobile data connection. You can also download files from Gmail or other sources.

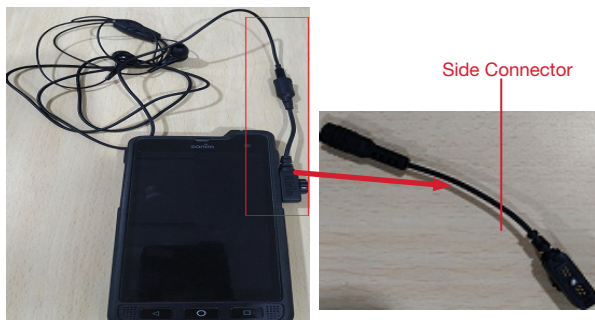
1. To manage application downloads, tap on **Downloads** (  ) from **App** screen.
2. Use the **Downloads** app to view, open, or delete the downloaded files.
3. Tap on the **More** (  ) and the following options are displayed:
  - New window
  - New folder
  - Select all
  - Show internal storage
4. Tap on **Hamburger Menu** (  ) and the following options are displayed:

- Images
- Videos
- Audio
- Recent
- Downloads
- Drive (Option is present when Google account is configured)

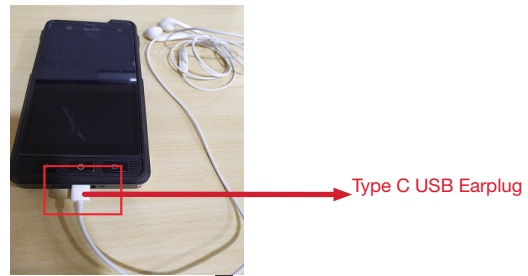
## FM RADIO

You can listen to the radio through FM radio. A wired headset should be connected to enable FM radio.

1. From **App** screen, tap on **FM Radio** (📻).
2. A message **Please plug in a Headset to use FM Radio** is displayed. Connect a wired Headset with the side connector to enable FM Radio. **FM radio** icon (📻) and **headset** icon (🎧) are displayed on the **Notification bar**.
  - To get the headset icon displayed on the **Notification bar**, long press on the **Settings** (⚙️) icon on the **Notification bar**. You can see a toast message **Congrats! System UI Tuner has been added to Settings**.
  - Tap on **Settings** (⚙️) > **System** (ℹ️) > **System UI Tuner** (🔧). A pop-up is displayed and tap on **GOT IT**. On the **Status bar** > Enable **Headset**. The headset icon is displayed on the notification bar.
  - **Side Connector**: Since the Sonim XP8 device does not support a traditional earpiece jack, a side connector is used to plug-in the jack and listen to the FM radio over the headset.



3. A message **Please plug in a Headset to use FM Radio** is displayed. Connect type C USB earphone to enable FM Radio. **FM radio** icon (📻) and **headset** icon (🎧) are displayed on the **Notification bar**.
4. You can also use Type C headset with your XP8 device.



5. Tap on **Options** (⋮) > **Scan** > **All Stations** to scan all the stations. Available channels are displayed.
6. Tap on **Options** (⋮) > **Start Recording** to record the audio which is broadcasted on the radio to listen to the same later.
7. Tap on **Options** (⋮) > **Stop Recording** to stop the audio recording.
8. Tap on **Options** (⋮) > **Setting** and the following options are displayed:
  - **Regional Band**: The regional band with frequency range is displayed.
  - Channel Spacing:
  - Lower Freq Limit (in MHz)
  - Higher Freq Limit (in MHz)
  - **Audio Output Mode**: Select any of the following options as a output mode: **Stereo** or **Mono**
  - **Alternate Frequency**: Check this option to enable/disable the auto selection of alternate frequency.
  - **Record Duration**: You can set the time duration for recording in the following time frame:
    - 5 minutes, 15 minutes, 30 minutes and Until stopped
  - **Revert to Factory Defaults**: This option deletes all the settings including Presets. Select **OK** to confirm.
9. Tap on **Sleep**. You can turn off the radio after a selected time frame:
  - 15 minutes, 30 minutes, 45 minutes and Hour
10. Tap on **All Channels**. The available channels/stations are displayed with the station serial number. For example, first station in the list is displayed as **Station:1**.
  - Long tap on the required station/channel and the following options are displayed:
    - **Station: #** Each station/channel is given a serial number in the list.
    - **Rename**: You can rename the station/channel name.
    - **Delete**: A confirmation message is displayed to delete the selected channel/station. Tap on **DELETE** and the channel/station is deleted from the list.



# REGULATORY INFORMATION- EUROPEAN MARKET

## EU REGULATORY CONFORMANCE

Here by, We, Sonim Technologies Inc., declares that the radio equipment type XP8800 is in compliance with the Directive 2014/53/EU.

## FREQUENCY BANDS

FREQUENCY BANDS	MAXIMUM OUTPUT POWER (UNIT:DBM)
LTE Band 1	23.5
LTE Band 3	23.5
LTE Band 4	24.2
LTE Band 7	24.0
LTE Band 8	24.0
LTE Band 20	24.0
LTE Band 28	24.0
LTE Band 38	24.0
LTE Band 40	24.0
UMTS B1	23.5
UMTS B2	25.0
UMTS B4	24.5
UMTS B5	25.0
UMTS B8	25.0
GSM 900	33.8
GSM 1800	30.8
WCDMA Band I	23.5
WCDMA Band IIIV	25.0
TDS 34	25
TDS 39	25
802.11b	16.10
802.11g	13.48
802.11n (HT20, 2.4 GHZ)	13.36
802.11n (HT40, 2.4 GHZ)	13.31
802.11n (HT20, 5 GHZ)	16.68
802.11n (HT40, 5 GHZ)	16.68
802.11a	16.79
802.11ac (HT80)	16.55

BT (BDR+EDR)	8.87
BT LE	-1.47
NFC	12.72dBuA/m

## RF EXPOSURE

A minimum separation distance of 0.5 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe.

The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device:

- When tested for use at the head was 0.6 W/kg
- When tested for use at the body was 1.39 W/kg.

## 5G WI-FI

Operations in the 5.15-5.35GHz band are restricted to indoor usage only in EEA countries.

## LVD LOGO

EN50332 acoustic pressure sign:



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



## DISPOSAL OF OLD ELECTRICAL AND ELECTRONIC EQUIPMENT LOGO



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.

## ADAPTER

Please make sure the temperature for adapter will not be higher than 45 °C.



Adapter shall be installed near the equipment and shall be easily accessible.

## INTRINSICALLY SAFE (IS)

### PART I: EX MARKING

<b>ATEX</b>	Sira 18ATEX2077X
	II 3 G Ex ic IIC T4 Gc IP64
	II 3 D Ex ic IIIC T135 Dc IP64
<b>IECEX</b>	IECEX CSA 18.0030X
	Ex ic IIC T4 Gc IP64
	Ex ic IIIC T135 Dc IP64

### PART II: APPLICABLE ENVIRONMENT

- The equipment may be used in zones 2 with flammable gases and vapours with apparatus groups IIC and with temperature classes T4.
- The equipment may be used in zones 22 with flammable dusts, fibers and flyings in groups IIC, with a layer auto-ignition temperature of not less than 75 K above the maximum surface temperature marked in the dust coding.

### PART III: SPECIAL CONDITIONS OF USE

- If the equipment is likely to come into contact with aggressive substances, e.g. acidic liquids or gases that may attack metals or solvents that may affect polymeric materials, then it is the responsibility of the user to take suitable precautions that prevent it from being adversely affected thus ensuring that the type of protection is not compromised.
- The certificate number has an 'X' suffix which indicates that special conditions of installation and use apply. Those installing or inspecting this equipment must have access to the contents of the certificate or these instructions. The conditions listed in the certificate are reproduced below:
  - The equipment shall only be charged when in the non-hazardous area using a charger specifically supplied for use with the unit.
  - Using the equipment shall prevent expose to the daylight or light.
  - XP8800 was tested in accordance low risk of mechanical danger, hence to avoid mechanical impact in normal use.

# DECLARATION OF CONFORMITY

**Sonim Technologies, Inc.**  
1875 S. Grant St., Suite 750, San Mateo, CA, 94402

## EU Declaration of Conformity (DoC)

### Hereby,

Name of manufacturer: Sonim Technologies (Shenzhen) Limited  
2nd Floor, No. 2 Building Phase B, Daqian Industrial park, Longchang  
Address: Road, 67 District, Baoan, Shenzhen, P. R. China  
City: Shenzhen  
Country: China

declares that the DoC is issued under its sole responsibility and that this product:

Product description: Mobile Phone  
Type designation(s): XP8800  
Trademark: Sonim

is in conformity with the relevant Union harmonization legislation:

Radio Equipment Directive: **2014 / 53 / EU.**

with reference to the following standards applied:

#### 1. Health (Article 3.1(a) of Directive 2014/53/EU)

Applied Standard(s):

- EN 50566: 2017
- EN 50360: 2017
- EN 62209-1 : 2016 / -2 : 2010
- EN 62479 : 2010

#### 2. Safety (Article 3.1(a) of Directive 2014/53/EU)

Applied Standard(s):

- EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013
- EN 50332-2: 2013

#### 3. Electromagnetic compatibility (Article 3.1 (b) of Directive 2014/53/EU)

Applied Standard(s):

- Draft EN 301 489-1 V2.2.1 / -17 V3.2.0 / -52 V1.1.0
- EN 301 489-3 V2.1.1 / -19 V2.1.1

#### 4. Radio frequency spectrum usage (Article 3.2 of Directive 2014/53/EU)

Applied Standard(s):

- EN 300 328 V2.1.1
- EN 301 893 V2.1.1
- EN 301 511 V9.0.2
- EN 301 908-1 V11.1.1 / -2 V11.1.2 / -13 V11.1.2
- EN 303 413 V1.1.1
- Final Draft EN 303 345 V1.1.7
- EN 300 330 V2.1.1

The Notified Body Telefication B.V., with Notified Body number 0560 performed:

Modules: B+C and issued the EU-type examination certificate.

RoHS Directive (2011/65/EU)

1. Restrict use of certain hazardous substances (RoHS Directive)

- RoHS(2015/863/EU)
- RoHS(2011/65/EU)

Equipment and protective systems for potentially explosive atmospheres (ATEX) Directive (2014/34/EU)

- EN60079-0:2012/A11:2013
- EN60079-11:2012

Signed for and on behalf of:

Date: September 4, 2020

**Sonim Technologies, Inc.**

1875 S. Grant St., Suite 750, San Mateo, CA, 94402

City: San Mateo

Name: Avena Xu

Title: Manager

Signature:  \_\_\_\_\_

# INDEX

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## A

Accessories  
  CSM 32  
Airplane Mode 21

## B

Backup 35  
Battery 10  
Blocked number 38  
Bluetooth 22

## C

Calculator 50  
Calendar 49  
Call Screening 41  
Camera 48  
Capture 18  
Cast 22  
Clock 49  
Confidential Mode 45

## D

Date 34  
Display 25

## E

Emergency 30  
EPTT 46

## F

FCC 53  
FDN 41  
FM Radio 51

## G

Gboard 34  
Gesture 34  
Google Play Protect 28

## H

Hamburger 51  
Hotspot 21

## L

Label 37  
Languages 34  
LED 14  
Location 28  
Lock Screen 18

## M

Messages 43

## N

NFC 22

## O

Optimizing Battery 11

## P

Phone Specifications 13  
Programmable Keys 33

## Q

Quick Responses 40

## R

RF Exposure 52

## S

SAR 52  
Scout 47  
Screenshot 18  
Setup 47  
Side Connector 51  
SIP 40  
SMS/MMS Message 43  
Sound 23  
Speed Dial 40  
Spell Checker 34  
Storage 27  
Support 47

## **T**

Tethering 20  
Time 34

## **U**

USB 20  
Utilities 47

## **V**

Voicemail 41  
VPN 21

## **W**

Wallpaper 18  
    Photos 18  
Wi-Fi 19  
WPS 19

## **X**

XP8 14