

sonim®

**XP Pro 5G**  
USER GUIDE

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## GETTING STARTED

Congratulations on your purchase of the Sonim XP Pro 5G mobile phone! This phone is an ultra rugged 5G smartphone and has an intuitive feature-rich user interface, which allows you to make the best use of the device's functions.

### **Durable Design**

The Sonim XP Pro 5G is engineered for ultra durability, featuring IP68 and IPX9K ratings that certify its resistance to dust and water. This means the device can be submerged in up to 1.5 meters of fresh water for 30 minutes without sustaining damage, making it ideal for harsh and unpredictable environments. It also meets the rigorous MIL-STD-810H military standard, ensuring resilience against extreme conditions such as drops from up to 1.5 meters, shock, vibration, temperature fluctuations and is resistant to salt fog, enhancing its suitability for maritime or coastal environments<sup>1</sup>.

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<sup>1</sup> For more information, consult the Sonim XP Pro 5G warranty at <https://www.sonimtech.com/support/warranties>

## **What's in the box**

The Sonim XP Pro 5G package includes:

- Sonim XP Pro 5G phone (model X800)
- SIM Card
- SIM Tool
- USB Type-C Cable
- Wall Quick Charger
- Quick Start Guide

## **GENERAL INFORMATION**

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## **THIRD PARTY MARKS**

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## DISPOSAL OF OLD ELECTRICAL AND ELECTRONIC EQUIPMENT



The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, 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 periods.

## 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 manufacturer's warranty. The battery is covered by a 1-Year limited warranty.

## SONIM SUPPORT INFORMATION

For additional product and support information, visit [www.sonimtech.com](http://www.sonimtech.com) or contact our Sonim Customer Experience Center at <https://www.sonimtech.com/about/contact/>

**Manufacturer's address: 4445 Eastgate Mall, Suite 200, San Diego, CA 92121; USA Tel: 1-650-378-8100.**

## HOW TO USE THIS 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 AND 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 screens 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.

## BATTERY USAGE

Your Sonim XP Pro 5G phone comes with a non-removable battery. For any battery related queries, contact Sonim customer support.

- Use only a Sonim XP Pro 5G 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. For more on this, please see Additional Battery Information on page 107.

## 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 phone to a full charge before you use it for the first time.



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



There is a risk of explosion or fire if you charge or attempt to charge an incorrect battery in this phone.



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



Do not replace an embedded battery pack. Improper replacement may present a risk of fire, explosion, leakage or other hazard. Contact the manufacturer for replacement.

The device recognizes the battery via battery ID.

### 1. Insert the 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 cap. Open the charging port cap and insert the charging connector to the charging port.



- Open the charging port cap.
- Insert the charging connector

## 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.



## VERIFYING AND OPTIMIZING BATTERY USAGE

The current battery level (charging or not charging) is displayed on the top of the screen. You can check the battery usage status and to optimize your battery life, you may choose to close applications.

From the Home screen, swipe up to access **App** screen.

Tap on **Settings** (⚙️) > **Battery** (🔋). Tap on **Battery Usage** to view the battery level over time since you last charged the device, how long you have been running on battery power, and approximately how much battery life you have left.

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 includes buttons that allow you to adjust settings affecting power usage, or stop the application completely.

## INSERTING SIM AND SD STORAGE CARDS

The SIM (Subscriber Identity Module) card associates your network services (for example, phone number, data services, etc.) with your phone. The Sonim XP Pro 5G device comes with a hybrid tray with a supporting 4FF SIM card and Memory card trays.

### Insert a SIM card

Your Sonim XP Pro 5G comes with a pre-installed SIM card. To replace a SIM card:

**Note:** The XP Pro 5G does have an eSIM on board and 4FF SIM tray. You can download your profile to the eSIM or insert your SIM card in SIM tray.

- 1. Pull out SIM tray:** Insert the Sonim SIM tool into the SIM tray hole to pop out the tray.
- 2. Insert the SIM on the tray:** Insert the SIM card with the gold contacts up on the tray.
- 3. Gently push in the tray:** Gently push the SIM tray in the slot.

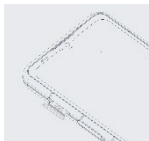


## Insert an SD card

The SD card tray is located next to the SIM tray.

**Note:** The XP Pro 5G does have an eSIM on board and 4FF SIM tray. You can download your profile to the eSIM or insert your SIM card in SIM tray.

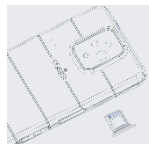
- 1. Pull out SIM tray:** Insert the Sonim SIM tool into the SIM tray hole to pop out the tray.



- 2. Insert the MicroSD on the tray:** Insert the MicroSD card with the gold contacts up on the tray.



- 3. Gently push in the tray:** Gently push the tray back in the slot.



# USING YOUR XP PRO 5G



- |                                       |                           |
|---------------------------------------|---------------------------|
| 1. Secondary Microphone               | 20. 13MP Wide view camera |
| 2. Emergency button                   | 21. Flashlight            |
| 3. Primary Microphone                 | 22. Charging Pins         |
| 4. USB C                              |                           |
| 5. Dual loud speaker                  |                           |
| 6. SIM Tray                           |                           |
| 7. Push-to-Talk button                |                           |
| 8. Volume keys                        |                           |
| 9. Front camera                       |                           |
| 10. Earpiece                          |                           |
| 11. Status and notifications bar      |                           |
| 12. Google Search Bar                 |                           |
| 13. Display                           |                           |
| 14. Android Hotseat                   |                           |
| 15. Lanyard                           |                           |
| 16. 50MP Main Camera                  |                           |
| 17. SecureAudioTM Connector           |                           |
| 18. Power Button / Fingerprint Sensor |                           |
| 19. 2MP Macro camera                  |                           |

## SWITCHING ON THE PHONE

Press and hold **Power** button for 2 seconds to turn **ON** your phone.

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

**Note:** Ensure that a valid SIM card is activated or your device will not properly work on the Verizon network.

## SWITCHING OFF YOUR PHONE

By default, in Android 14, the Power button is set to activate your Digital Assistant. If you prefer to set your power button to access the power menu, then simply go to **MAIN MENU > SETTINGS > SYSTEM > GESTURES > PRESS & HOLD POWER BUTTON > select POWER MENU**. If you still want easier/faster access to the Digital Assistant, you can use PROGRAMMABLE KEYS to set the “Assistant” application as the action of either the Push to Talk key or the Emergency Key.

## PHONE OPERATIONS WITHOUT SIM CARD

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

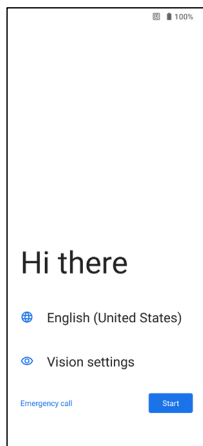
- Make an emergency call
- View & modify all settings except data usage and mobile network related settings
- Activate and share files through Bluetooth Access the Internet using Wi-Fi connectivity
- Access your phonebook, File Explorer multimedia files & all tools and applications
- View and modify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

## SETTING UP YOUR PHONE

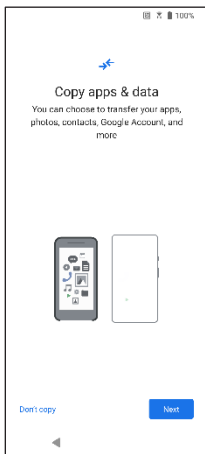
For instructions on using your phone's buttons, charger, and other hardware features, check the printed Quick Start Guide provided with your phone.

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

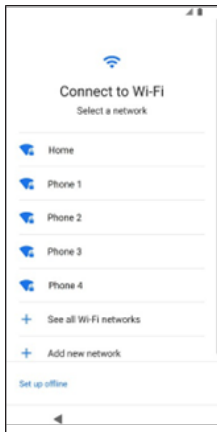
1. When you turn on your device for the first time, the screen below is displayed. Follow the prompts to complete the setup process.



2. Tap on **START** and the following screen is displayed.  
You have two options:
  - Copy your data
  - Set up as new
3. You can copy your data from any of the following methods:
  - A backup from an Android phone
  - A backup from the cloud
  - An iPhone® device
  - If you do not wish to copy the data, tap on **DON'T COPY**.



Connect to the available Wi-Fi network to download the apps or copy data.



4. Tap on **Set up as new** and **Connect to Wi-Fi** screen is displayed. The device will start checking for updates.
5. Connect to a network to quickly set up your phone. If you are not connected to the network, you will not have the ability to:
  - Sign in to your Google account
  - Restore apps & data
  - Get software updates
  - Automatically set up time and dateTap on **Continue** to proceed.
6. You can use different Google services. Tap on **More** to learn about the services.
7. By tapping on **Accept** you agree to the Google Terms of Services.
8. 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.
9. For added security, set up a screen lock. Choose from the following combinations:



- Fingerprint + Pattern
  - Fingerprint + PIN
  - Fingerprint + Password
10. Follow the screen instructions to set up your backup screen lock method (PIN, Pattern, or Password).
  11. Set up your fingerprint. The fingerprint sensor is on the power button. Locate the fingerprint sensor, and follow instructions by placing your finger on the sensor, and lift the finger after you feel a vibration. Tap on **Do it later** to perform this task later.
  12. Now that the fingerprint has been added, you can use your fingerprint to unlock your phone or to approve any purchases. Tap on **Next** to proceed further.



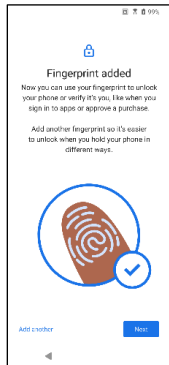
Your fingerprint may be less secure than a strong pattern or PIN.



Important note: When you reboot device, the fingerprint and face unlock will not work. You must use PIN or password to unlock the device for the first unlock. After the first unlock, the fingerprint or face unlock will function as expected.



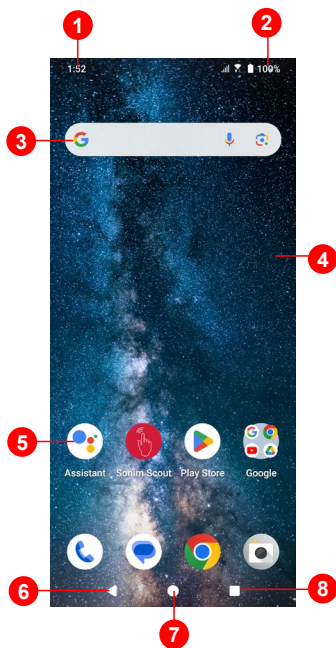
You can add multiple fingerprints if the same device is used by multiple users






You can add another fingerprint by tapping on **Add another**.

## 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.























1. Notification Indicators	2. Status Indicators
3. Google Search Bar	4. Home Screen
5. Applications	







BUTTONS		DESCRIPTION
6. Back Button		Tap to return to the previous screen.
7. Home Button		Tap to display the main Home screen.
8. Recent Apps Button		Tap to display a list of recently used apps. Double-tap to swap between your last two used apps

## NOTIFICATION AND STATUS 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
	Battery charging in progress
	Battery level indicator
	Do not disturb



	Flashlight
	Screen rotation
	No signal
	Signal strength (full signal)
	No SIM card
	Roaming
	4G LTE network connected
	5G network connected
	5G Ultra-Wideband network connected
	Call in progress
	Call forward (only if Always forward is enabled)
	Missed call
	New SMS or MMS
	Alarm activated
	New E-mail

	Vibration mode activated
	Airplane mode
	Error/information notification - attention
	Screenshot captured
	Music is played
	Device storage space is running out

## NOTIFICATION PANEL


From the Home screen, swipe down on the Status bar to open the **Notification panel**. Swipe left or right on a notification to delete it, or tap **Clear all** to clear all event-based notifications.

## QUICK SETTINGS PANEL

Swipe down on the Status bar again from the Notification panel. Tap a setting to turn it on or off. You can tap **Settings**  to access full settings or tap **Power off**  to turn your phone off.

## SETTING UP AND USING THE LOCK SCREEN

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

1. From the Home screen, swipe up to access **App** screen and tap **Settings**.
2. Scroll up and select **Security & Privacy** (  ). Select **Device Unlock**.

Select **Screen lock** and select one of the following options to configure phone:

- **None**: Disables the screen lock.
- **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. 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.

Touch and hold an empty space on the Home screen, then tap **Wallpapers**. You can also access the Wallpapers menu from the Settings menu. From the home screen, swipe up and tap **Settings > Wallpapers**. Select the wallpaper from the following folders.

- **Live Wallpaper Picker**
- **Photos**: It includes photos and screenshots taken using the phone's camera.  
(Default Sonim wallpaper is Black Paint Sponge wallpaper.)
- **Wallpaper & style**: Includes images that are pre-loaded with the phone.

## CAPTURING A SCREENSHOT

You can take an image of what is on your screen and it will be stored in Photos or Files 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 keys simultaneously. The screenshot is captured and stored in **Photos > Collections > Screenshots** OR **Files > Images > Screenshots**.

# NETWORK & INTERNET

From the Home screen, swipe up to access **App** screen, and tap **Settings > 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 XP Pro 5G to a Wi-Fi network. To connect your phone to a Wi-Fi network;

1. On **Network & Internet** screen, tap **Internet**.
2. Turn **ON** Wi-Fi.  
A list of Wi-Fi access points present within your phone's accessible range are displayed.
3. 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.


## CONNECT TO NETWORK

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



## ADD NETWORK MANUALLY


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

You can also join Wi-Fi by scanning a QR code, tap the QR code icon (  ) on the right side of **Add network** and scan network QR code to join in.

## FORGET NETWORK

1. On Wi-Fi screen, tap the connected network.
2. Tap **FORGET**.  
The selected network gets disconnected and displayed in the Wi-Fi list.  
If you have to get connected to the same network, tap the network and enter password

## MODIFY NETWORK

1. On Wi-Fi screen, tap **connected network**.
2. Tap (  ) at the top right corner of the screen. 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.

## WI-FI PREFERENCES

- On Wi-Fi screen, tap **Network preference**.
- **Turn on Wi-Fi automatically:** Wi-Fi will be turned on automatically when you are near high-quality saved networks, like your home network.
- **Wi-Fi Notification:** Enable this option to get a notification when a high-quality public network is available.
- **Avoid bad Wi-Fi connections:**

Select this if you wish to use the mobile network when Wi-Fi network has no internet connection.

- **Install certificates:** You can browse a certificate for installation.
- **Wi-Fi Direct:** Tap **Searching** to search for the peer devices and also select **Rename device** to rename the device.


## SAVED NETWORKS

On Wi-Fi screen, tap **Saved networks** to view your saved Wi-Fi networks.

## WI-FI DATA USAGE

On Wi-Fi screen, tap **Wi-Fi data usage** to view the Wi-Fi data used by each app.

## MOBILE NETWORK

On Network & Internet screen, tap **Internet**, and tap  on the right of a SIM carrier network.

**Mobile data:** Turn **On** to enable data access on your mobile network.

**International Data Roaming:** Turn **On** to enable data roaming to connect to data services while roaming.

**App data usage:** View the mobile data usage of each app.

**Data warning & limit:** View the following data management options:

- **Mobile data usage cycle:** Set the date the data usage cycle resets.
- **Set data warning:** Turn **On** to enable alerts when your mobile data usage reaches the amount set.
- **Data warning:** Set the data usage amount. Your phone will notify you when it reaches the amount set. Data usage measured by your phone is an approximate amount, and it may differ from the actual amount.
- **Set data limit:** Turn **On** to enable data limits.
- **Data limit:** Set a data limit. Your phone will turn off mobile

data when it reaches the limit set.

**Preferred network type:** 5G is recommended however you can select LTE or 3G if you so desire.

## WI-FI CALLING

Default is ON. Turning this on your device can make and receive calls and send text messages via Wi-Fi networks or your carrier's network, depending on your preference and which signal is stronger. This service may require additional activation from Verizon and may also result in additional charges. Before activating, please contact Verizon.

NOTE: For those using TTY devices, they are not compatible with Wi-Fi Calling.

**Automatically select network:** turn **On** by default.

**Access Point Names:** Select or add APNs.

## SIMs

On **Network & Internet** screen, tap **SIM Manager** for the following options:

- **SIM cards:** View your installed physical SIM and downloaded eSIM. Tap on either of SIMs to explore additional management options for that SIM.
- **Add SIM:** Tap Add SIM to sign up for a new eSIM mobile plan.
- **Preferred SIM card:** When using multiple SIM cards, set a primary card to be used for calls, texts, and data.

## AIRPLANE MODE

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

To activate Airplane mode:

1. On the **Network & Internet** screen, tap **Airplane mode**.
2. Turn **On** Airplane mode.

You can directly enable or disable Airplane mode via Quick Settings Panel.

## 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.

On the **Network & Internet** screen, tap **Hotspot & tethering**.

### WI-FI HOTSPOT

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

1. On Hotspot & tethering screen, tap Wi-Fi hotspot.
2. Turn On to enable the mobile hotspot.

When this option is disabled, you cannot share Internet or content with other devices.

**Hotspot name:** Set the hotspot name.

**Security:** Select the desired security from the drop-down list.

**Hotspot password:** The password must have at least 8 characters.

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

**Keep Mobile Hotspot on:** Set the timer for: Always, idle after 5, 10, 20, 40 or 60 minutes

**Maximum connections:** Tap to set the maximum number of users allowed to connect to the hotspot.

**Connected users:** View your connected users.

### 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. This feature will only be available when the XP Pro 5G is connected via USB to a compatible device.

1. On **Hotspot & tethering** screen, tap **USB tethering**.
2. Turn **On** USB tethering.

## **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. On **Hotspot & tethering** screen, tap Bluetooth tethering.
2. Turn **On** Bluetooth tethering.
3. Pair your Bluetooth device with another device.

## **DATA SAVER**

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. On the **Network and Internet** screen, tap **Data Saver**.
2. Turn **On** Data Saver.
3. Unrestricted data: Set apps to be allowed to use restricted data when Data saver is on.


## VPN

1. On the **Network & Internet** screen, tap **VPN**.
2. Tap ( + ) at the top right corner of the screen to add a new VPN profile.
3. In the **Edit VPN profile** screen, enter the Name, Type (select from the drop-down list), and the server address.
4. Enter Username and password. Select **Save**.

## PRIVATE DNS

1. On the **Network & Internet screen**, tap **Private DNS**.
2. Select your Private DNS mode.

## CONNECTED DEVICES

From the Home screen, swipe up to access App screen, and tap **Settings >> Connected devices** ().

## BLUETOOTH

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, Bluetooth-enabled handhelds, computers, printers, and wireless phones. The communication range for Bluetooth is approximately 30 feet.

On **Connected devices** screen, tap **Connection preferences > Bluetooth**.

### PAIR NEW DEVICE

To activate Bluetooth and pair your XP Pro 5g device with other Bluetooth devices:

1. With Android 14, Bluetooth will automatically turn On when scanning for a new device.
2. 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**.

If your Bluetooth device being paired supports Sonim BLE, you will need to follow these steps to complete the BLE process:

1. Refer to Bluetooth section to pair your device
2. Open Sonim Scout, then Utilities then Sonim BLE Connect
3. Ensure the device you want to pair with BLE is powered on and in pairing mode. The Sonim BLE app will search for available devices. If your device is not listed then you will be given an option to connect manually through the Sonim BLE Connect application.
4. The Sonim BLE Connect app will then show connected status of those devices paired.

## FORGET A BLUETOOTH DEVICE

1. On Bluetooth screen, tap **Settings** (⚙️) next to the device you wish to forget.
2. Tap **forget > Forget device**
3. The device will be unpaired from your phone. To reconnect with the device, you will need to pair again.

## SEND INFORMATION VIA BLUETOOTH

You can use Bluetooth to transfer files between your phone and another Bluetooth-enabled device, such as a phone or computer. Send photos, videos, calendar events, contacts, and more.

## RECEIVE FILES

When another device attempts to send a file to your phone via Bluetooth, you will see a request to accept the file. Tap **Accept** to receive the file.

To view the files you've received via Bluetooth, on the Connected devices screen, tap **Connection preferences > Files received via Bluetooth**.

## USB

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

On the **Connected devices screen**, tap USB. You can use USB for the following tasks:

- **File Transfer:** Tap this option to transfer the data from one device to another device.
- **USB tethering:** Select to set the USB tethering mode.
- **PTP:** Tap this option to transfer photos.
- **No data transfer:** Select to set No data transfer mode. This will ONLY appear when connecting your device via USB cord to a laptop or computer.



When you connect the Sonim XP Pro 5G phone to a computer, it is shown as a drive and not as a device.




## 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 4cm of each other.

NFC is by default turned **ON**.

1. On Connected Devices screen, tap **Connection Preferences > NFC**. Select **Enable** prompt for NFC which will alert you when an NFC card is nearby.
2. To set up Contactless payments, click **Contactless payments** from the NFC page, and follow the prompts to set up your payment methods.

## CAST

1. On the **Connected devices** screen, tap **Connection preferences > Cast**.
2. 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. In the top left corner of the app's Home screen, tap **Menu Cast Screen > Audio Cast Screen > Audio**.
4. Ensure that your Android device and Chromecast are connected to the same Wi-Fi network.
5. Tap (  ) on the top right corner of the screen and **check Enable wireless display** to view a list of nearby devices you can cast to.

## PRINTING

1. On the **Connected devices** screen, tap **Connection preferences > Printing**.
2. Tap **Default Print Service**. Turn **On** default print service.
3. Tap **Add service**. Google Play screen is displayed. You can sign in with your Google credentials and add any desired service.

## CHROMEBOOK

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

1. On the **Connected devices** screen, tap **Connection preferences > Chromebook**.
2. Tap drop-down list to view the Gmail accounts which are configured on your device.

## QUICKSHARE

Nearby Share allows the rapid short-range exchange of images, videos, text, contact info, directions, YouTube videos, and other data via Bluetooth.

1. On **Connected devices** screen, tap **Connection preferences > Quick Share**.
2. Turn **On** the **Quick Share**. You can directly enable or disable Quick Share feature via Quick Settings Panel.


For more information on Quick Share, please visit [support.google.com](https://support.google.com)

## ANDROID AUTO

Use Android Auto app to control your phone's maps, media and messaging functions, with the Google Assistant while you drive.

1. On **Connected devices** screen, tap **Connection preferences > Android Auto**.
2. Prior to using, please go to the Google Play Store and ensure you have the latest version on your device.

## APPS


View current running applications, manage default apps, and more. From the Home screen, swipe up to access App (  ) screen, and tap Settings > Apps.

## DEFAULT APPS

The default apps are listed.

1. On App screen, tap **Default apps**.
2. Set the default app for the browser, phone, messages, etc. You can also set default apps for opening links.

## SCREEN TIME

1. On the App screen, tap **Screen time**.
2. You can tap (  ) on the right side of most apps to set daily timers. When the app timer ends, the app is paused for the rest of the day.

## CLOUD MEDIA APP

When an app or website asks you to select photos or videos, this will allow you to select which app to access your cloud media. You will select which source to pull your photos/videos.

## APPLICATION MANAGER

This section allows you to manage your 3rd party apps you have installed.

## UNUSED APPS

1. On the **App** screen, tap **Unused apps**.
2. Here you will see a list of the apps that are not regularly used. You can un-install them to free up some space.

## SPECIAL APP ACCESS


1. On the **App** screen, tap **Special app access**.
2. View app access for special functions, such as battery optimization, display over other apps, unrestricted data, usage access, etc.

NOTE: You can use FIND MY DEVICE under Device admin apps. Activating this service will allow you, by using the Google Play services, to change the screen lock, lock the screen, disable some screen lock features, or even completely wipe the device by performing a factory data reset.

The default setting of Find My Device is OFF.

## NOTIFICATIONS

Manage the settings on notifications.

From the Home screen, swipe up to access **App** screen, and tap **Settings > Notifications** (  ).

## APP SETTINGS

1. On the **Notifications** screen, tap **App notifications**.
2. Apps are categorized into four types (Most recent, Most frequent, All apps, or Turned off). Select a category from the drop-down list, and choose the app you want to adjust the notification settings.

## NOTIFICATION HISTORY

View your recent and snoozed notifications.

1. On the **Notifications** screen, tap **Notification history**.
2. The default setting is OFF. Turn **On** Notification history.
3. When you turn this ON, your recent and snoozed notifications will appear.

## CONVERSATIONS

View priority and modified conversations.

1. On the **Notifications** screen, tap **Conversations**.
2. Your priority and modified conversations are displayed.

To change conversation settings, follow the below steps:

1. Swipe the Status bar down to display the Notification panel.
2. Touch and hold a conversation.

## BUBBLES

Enable message conversations display as bubbles, floating on top of other apps.

1. On the **Notifications** screen, tap **Bubbles**.
2. Turn **On** Bubbles to allow apps to show bubbles.

## DEVICE & APP NOTIFICATION

Control which apps and devices can read notifications.

1. On the **Notifications** screen, tap **Device & app notifications**.
2. You can see the devices and apps that are allowed and not allowed to access notifications.

## NOTIFICATIONS ON LOCK SCREEN


1. On **the Notifications** screen, tap **Notifications on lock screen**.
2. Select how you want notifications to be displayed on the lock screen.

Note: SENSITIVE NOTIFICATIONS

This setting will determine whether to show sensitive content.

- Turn ON to show sensitive content and turn OFF to not show sensitive content.

## DO NOT DISTURB

1. On **the Notifications** screen, tap **Do Not Disturb**.
2. Tap (  ) to turn **On** Do Not Disturb mode.
3. You can set Do Not Disturb behavior, exceptions, schedules, etc.

## FLASH NOTIFICATIONS

You can set your XP Pro 5G to flash the camera light or the screen when notifications are received or when alarms sound.

1. Set the Camera Flash to ON to activate the camera light when notifications are received or when alarms are activated.
2. Set the Screen Flash to ON to activate the screen illumination when notifications are received or when alarms are activated. Touch **Screen Flash** to select the color you would like to illuminate.

## WIRELESS EMERGENCY ALERTS

1. On the **Notifications** screen, tap **Wireless Emergency Alerts**.
2. Turn **On** **Wireless Emergency Alerts**.
  - **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.
  - **AMBER alerts:** Turn **On** this option to get the child abduction emergency bulletins.
  - **Public safety messages:** Turn **On** this option to get the public safety alerts.
  - **State and local tests:** Turn **On** this option to get the display of state and local test alerts.
  - **Emergency alert history:** You can view the emergency alert history.
  - **Vibration:** Turn **On** this option to set the device on vibrate during alert.
  - **Alert reminder:** You can set the alert reminder for the following time frame: **Once, Every 2 minutes, Every 15 minutes** and **Never**.

## HIDE SILENT NOTIFICATIONS IN STATUS BAR

1. On **Notifications** screen, tap **Hide silent notifications in status bar**.
2. Turn **On** this option to hide silent notifications in status bar.

## ALLOW NOTIFICATION SNOOZING

1. On the **Notifications** screen, tap **Allow notification snoozing**.
2. Turn **On** this option to allow temporarily snoozing certain notifications.

## NOTIFICATION DOT ON APP ICON

1. On the **Notifications** screen, tap **Notification dot on app icon**.
2. Turn **On** this option to allow the display of notification dots on an app icon to alert that you have a notification.


## ENHANCED NOTIFICATIONS

Enhanced notifications can access notification content, including personal information like contact names and messages. This feature can also dismiss or respond to notifications, such as answering phone calls and controls Do Not Disturb.

1. On the **Notifications** screen, tap **Enhanced notifications**.
2. Turn **On** this option to automatically show suggested actions and replies.



## BATTERY SETTINGS

From the Home screen, swipe up to access the **App** screen, and tap **Settings > Battery** (  ).

## BATTERY USAGE

View battery usage from last full charge.

1. On **Battery** screen, tap **Battery usage**.
2. You can view the battery percentage that each apps used.

## BATTERY SAVER

Battery Saver mode turns on Dark theme and limits or turns off background activity, some visual effects, certain features and some network connections.

1. On the **Battery** screen, tap **Battery Saver**.
2. Turn **On** Battery Saver. The Battery Saver will automatically turn off when the phone is plugged in.

**Set a schedule:** Tap **Based on percentage** (Min Settings 5%, Max Settings 75%) and drag the slider to the percentage you desire. The Battery Saver will turn on automatically when your phone reaches that battery percentage.

**Note:** \*Turn off at 90%. Turning this setting ON, will turn off Battery Saver when the battery reaches 90%.

## BATTERY PERCENTAGE

1. On **Battery** screen, tap **Battery percentage**.
2. Turn **On** this option to show the battery percentage in the Status bar.

## REDUCE BATTERY AGING

This feature is **OFF** by default. This feature is designed for devices constantly in charging equipment (i.e. vehicle cradle/mount).

If your device is in a constant state of charging (typically in an installed vehicle mount), then activating this feature will limit the battery charge to 80%, which will extend the overall life of the battery.

To activate this feature, go to **Settings > Battery > Reduce Battery Aging**.

## USB POWER SAVING

You can enable certain settings relative to USB charging.

- **Automatic power ON** – default if **OFF**, however turning this feature **ON** will automatically power your device on when USB device is connected.
- You also have 2 options relative to powering your device OFF when tied to USB charging:
  - **Automatic power OFF** – default is OFF, however turning this feature ON will allow you to set a specific time to power your device off.
  - **Automatic power OFF** – default is OFF, however turning this feature ON will allow you to set the time (in hours) when your device will power off after being disconnected from USB power.

## 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 > 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 panel**.

For more information on battery performance, storage & charging please go to the Additional Battery Information section.

## STORAGE SETTINGS

The Storage settings menu allows you to manage internal storage on your phone and provides menu choices for an optional SD card (not included).

From the Home screen, swipe up to access the **App** screen, and tap **Settings > Storage** (☰).

### SD CARD

You must have an SD card inserted to manage settings.

1. On the **Storage** screen, tap (THIS DEVICE ▾) > **SD Card** to view files stored on your SD card.
2. Tap (⋮) on the top right corner of the screen to access the following options:
  - Rename:** change the SD card name.
  - Eject:** eject the SD card to allow for safe removal.
  - Format:** format the SD card.

### STORAGE MANAGER

Storage manager removes backed up photos and videos from your device.


1. From the **Storage** screen, tap **Storage manager**.
2. Turn **On** Storage manager.
3. Tap **Remove photos & videos** to set the types of photos and videos to be removed.

You can set to remove photos & videos that are over 30 days old, 60 days old or 90 days old.


You can go to **Files** app to manage and free up space by tapping **Free up space**.

## SOUND & VIBRATIONS SETTINGS

Control your phone's audio, from ringtones and alerts to tap tones and notifications.

1. From the Home screen, swipe up to access **App** screen, and tap **Settings > Sound** (  ).
2. Drag the sliders to adjust the volumes of Media, Call, Notification, Ring, and Alarm.

## DO NOT DISTURB

1. On Sound screen, tap **Do Not Disturb**.
2. Tap (  ) to turn **On** Do Not Disturb mode.
3. You can set Do Not Disturb behavior, exceptions, schedules, etc.

## PHONE RINGTONE

1. On the **Sound** screen, tap **Phone ringtone**.
2. Select a ringtone for incoming phone calls.
3. You can customize your own ringtone by tapping Add ringtone.

## MEDIA

1. On Sound screen, tap Media.
2. Turn On **Pin media** player to have media player stays open in the **Quick Settings Panel** when the media session has ended.
3. Turn On **Show media** on lock screen so it stays open on the lock screen & quickly resumes playback.
4. Turn On **Show media** recommendations to show media recommendations based on your activities.

## VIBRATION & HAPTICS

1. On the **Sound** screen, tap **Use vibration & haptics**.
2. Select the checkboxes to enable or disable vibration for calls, notifications, alarms & interactive haptics.

## SHORTCUT TO SET RING TO MUTE OR VIBRATE

When turning this feature on, press the **Power** button and the **Volume Up** key together to either mute the ringing or set the ring to vibrate.

## DEFAULT NOTIFICATION SOUND

1. On the **Sound** screen, tap **Default notification sound**.
2. Select the default notification sound.
3. You can customize your own notification sound by **tapping Add notification**.

## DISPLAY SETTINGS

Adjust items such as wallpaper, brightness, screen timeout, and more. From the Home screen, swipe up to access App screen, and tap Settings > Display.

### BRIGHTNESS LEVEL

1. On the **Display** screen, tap **Brightness level**.
2. Drag the slider to adjust the screen brightness level manually.

Note: the higher the brightness with the display on, the more battery power is used.

### ADAPTIVE BRIGHTNESS

1. On the **Display** screen, tap **Adaptive brightness**.
2. Turn On **Adaptive brightness** to automatically adjust screen brightness based on the lighting conditions.

### LOCK SCREEN

1. On the **Display** screen, tap **Lock screen**.
2. Set what to show and when to show on lock screen.

## SCREEN TIMEOUT

1. On the **Display** screen, tap **Screen timeout** to select a time.
2. Your screen will automatically go to sleep after a predetermined set amount of time. This setting also affects battery use.
3. **Screen attention** By default, this feature is **OFF**. Prevents your screen from turning off if you are looking at it.

## DARK THEME

1. On the **Display** screen, tap **Dark theme**.
2. Turn On this option to use a black background to help keep battery alive longer on some screens.

## DISPLAY SIZE AND TEXT

1. From **Settings > Display > Display size and text**.
2. From this screen:
  - Drag the slider to set the font size of the text to make the text smaller or larger.
  - Drag the slider to set the display size of everything on your screen.
  - Activate **BOLD TEXT** to bold all text on your screen
  - Activate **HIGH CONTRAST TEXT** to change text color to black or white.
  - Touch **RESET SETTINGS** to return your display size & text settings to the phone's original settings.

## NIGHT LIGHT

1. On the **Display** screen, tap **Night light** to add an amber tint to the screen making it easier to look at your screen or read in dim light.
2. You can set the schedule and intensity of the night light on your screen.



## AUTO-ROTATE SCREEN

1. On the **Display** screen, tap **Auto-rotate screen**.
2. Turn On this option to enable screen rotation automatically.

## SCREEN SAVER


1. On the **Display** screen, tap **Screen Saver**.
2. Turn **On** Screen Saver.
3. You can select to use either the Clock, Colors or Photos as your screen saver.

## WALLPAPER

Use Wallpapers to modify your screen display using either on device wallpapers or your own photos. You can use with dark theme and change the grid layout.

## ACCESSIBILITY

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

From the Home screen, swipe up to access App screen, and tap **Settings > Accessibility** 

### TALK BACK

Talk Back provides spoken feedback so that you can use your device without looking at the screen.

Default is OFF.

#### Talk Back Shortcut

There is a Talk Back shortcut available to make it easier to use this feature when activated. Options are to Tap the Accessibility button on the screen, or to press & hold both volume keys.

#### Settings

Use this section to adjust various audio settings & controls for colors, gestures, image & icon descriptions, various Braille keyboard and display settings and general device settings.


From this section you can see the current installed version of Talk Back and link directly to the Play Store to update if needed, as well as access various tutorials, access Google support for Talk Back, and connect directly with Google Disability Support.

### EXTRA DIM

On the **Accessibility** screen, tap **Extra dim**. Dim screen beyond your phone's minimal brightness.

## MAGNIFICATION

On the Accessibility screen, tap **Magnification**.

- **Magnification shortcut:** Turn On **magnification shortcut**. To magnify the screen, tap the (  ) icon.
- **Magnification type:** Magnify full screen, part of screen, or switch between both options.
- **Keep on while switching apps:** Allows the magnifier to stay on and zoom out when you switch apps.

## GLOVE TOUCH MODE

1. On the **Accessibility** screen, tap **Glove touch mode**.
2. By default, this setting is OFF, however turn it on to increase capability of using your device with gloves.

**NOTE:** Enabling Glove Touch mode can make your display very sensitive resulting in potentially false touches.

## ACCESSIBILITY MENU

This menu provides a large on-screen menu to control your device. You can lock your device, control volume & brightness, take screenshots and more.

## SWITCH ACCESS

Switches can assist you if you have difficulty using the touchscreen. These can be externally connected to your device, like a keyboard or large button.

There are multiple options to use face gestures to manage the camera and various actions/assignments based on your facial gestures.

Within the Settings menu of this feature, there is a more in depth set up guide and help options.

## TIMING CONTROLS

On the **Accessibility** screen, tap **Timing controls**.

- **Touch & hold delay:** Set the touch & hold delay to Short, Medium, or Long.
- **Time to take action (Accessibility timeout):** Choose how long to show messages that ask you to take an action. Note that not all apps are compatible with this.
- **Auto-click (dwell timing):** Enable automatic clicking when using a mouse and adjust the amount of time between the mouse stopping and the click. If clicking the mouse is a challenge, this could be helpful.

## SYSTEM CONTROLS

On the **Accessibility** screen, tap **System controls**.

- **Navigation Mode:** Set system navigation by gestures or using Back, Home and Recent Apps buttons located at the bottom of the screen.
- **Power button ends call:** Enable ending calls by pressing the Power key.
- **Auto-rotate screen:** Enable or disable screen rotation.

## VIBRATION & HAPTIC STRENGTH

On the **Accessibility** screen, tap **Vibration & haptic strength**.

- **Ring vibration:** Enable or disable vibration for ringing.
- **Notification vibration:** Enable or disable vibration for notifications.
- **Alarm Vibration:** Enable or disable vibration for alarms.
- **Touch feedback:** Enable or disable vibration for touch.
- **Media Vibration:** Enable or disable vibration for various media on your device.

## AUDIO DESCRIPTION

Hear a description of what's happening on screen in supported movies and shows.

## FLASH NOTIFICATIONS

Flash the camera light or the screen when you receive notifications or when alarms sound.

## HEARING DEVICES

You are able to use hearing aids, cochlear implants and other amplification devices with your device.

## CAPTION PREFERENCES

1. On the **Accessibility** screen, tap **Caption preferences**.
2. Turn On to show captions. You can also set caption display language, text size, and caption style.

## AUDIO ADJUSTMENT

On the **Accessibility** screen, tap **Audio adjustment**.

- **Mono audio:** Enable combining channels when playing audio.
- **Audio balance:** Drag the slider left or right to adjust the audio balance from the speaker.

## ACCESSIBILITY SHORTCUTS

On the **Accessibility** screen, tap **Accessibility shortcuts**.

- **Accessibility button:** Manage the settings on accessibility button, such as location, size, etc.
- **Shortcut from lock screen:** Allow feature shortcut to turn on from the lock screen.

## TEXT-TO-SPEECH OUTPUT

On the **Accessibility** screen, tap **Text-to-speech output**.

- **Preferred engine:** Set the text-to-speech engine
- (Google is default). Tap to manage text-to-speech settings.
- **Language:** Set the language for using this function.
- **Speech rate:** Drag the slider to adjust speech rate.
- **Pitch:** Drag the slider to adjust pitch.

Tap **PLAY** to play the example. Tap **RESET** to reset all Text-to-speech settings to the default settings.

## PROGRAMMABLE KEYS

Your device has 2 programmable keys. You can assign these buttons to certain on-board applications.

### SELECT PTT KEY app

On the left hand side of the device is the PTT (Push to Talk) key. Default setting is Push to Talk+. If you wish to change this, from the Programmable Keys menu on the device, press **Select PTT Key App**, and scroll through the list of available applications to assign to this key. Touch the application you would like to assign to this key. You can choose **No Action** if you desire.

There is also an option to set a timer to engage the pushing of the PTT Key button. The default setting for this timer is **OFF**, which means as soon as you press the button, the application assigned to that button will launch. If you wish to assign a delay to this action, simply touch the **SELECT PRESS AND HOLD TIMER TO ENGAGE PTT KEY** option, and from the menu displayed, select the appropriate delay you would like assign. Now, to engage this application, you will press and hold the PTT Key for the time you selected and then the application will be launched.

## **SELECT EMERGENCY KEY app**

On the top right hand side of the device, is the Emergency key. Default setting is XXXX. If you wish to change this, from the **Programmable Keys** menu on the device, press **Select Emergency Key**, and scroll through the list of available applications to assign to this key. Touch the application you would like to assign to this key. You can choose **No Action** if you desire.

## SECURITY SETTINGS

From the Home screen, swipe up to access App screen, and tap **Settings > Security & Privacy**.

### APP SECURITY (Google PLAY PROTECT)

On the Security screen, tap Scan device. Google will regularly check your device and prevent/warn you of potential harm. Only apps on Google Play will be checked.

### DEVICE UNLOCK

To set your Screen lock. Options are: None, Swipe, Pattern, PIN or Password, Face & Fingerprint unlock settings.

### ACCOUNT SECURITY

This will allow you to check the security of your Google Security and any passwords you have saved to your Google Account.

### DEVICE FINDERS

Use Google's Find My Device to locate your device or any connected Fast Pair accessories.

For more information on Find My Device, please reference this link:  
<https://www.google.com/android/find/about>

### SYSTEM & UPDATES

This section will provide the dates of your last Google security update, Google Play system update as well as providing the tool to backup your device to your Google Account to protect your data.

### PRIVACY

From here you will be able to access your Permission manager, privacy dashboard, ads, health content, data sharing updates for location as well as controls for clipboard access, password character display, apps accessing your location and Google's Activity Controls.



## PERMISSION MANAGER

1. On **Privacy** screen, tap **Permission manager**.
2. Control permission for apps that use your camera, location, microphone, contacts, storage, etc.

## PRIVACY DASHBOARD

1. On **Privacy** screen, tap **Privacy dashboard**.
2. Show which apps used permissions in the pass 24 hours.

## ADS

Manage the information used to show you ads and measure ad performance.

- **Ad Privacy**  
Customize info apps use to show you ads
- **Reset advertising ID**  
This generates a new advertising ID for apps to use.
- **Delete advertising ID**  
Apps can no longer use this advertising ID to show you personalized ads.

## HEALTH CONNECT

Health Connect stores your health and fitness data, giving you a simple way to sync the different apps on your device.

## DATA SHARING UPDATES FOR LOCATION

Review apps that changed the way they may share your location data.

## CONTROLS

### SHOW CLIPBOARD ACCESS

Default is ON; Show a message when apps access text, images or other content you've copied.

### SHOW PASSWORDS

Default is ON; Display characters briefly as you type

### LOCATION ACCESS

See apps and services that have access to location.

### ACTIVITY CONTROLS

Choose the activities and info you allow Google to save.

## MORE SECURITY & PRIVACY

This section will provide more controls over privacy & security.

- **Notifications on lock screen:** Show all notification content
- **Show media on lock screen:** Quickly resumes playback and media player will stay open on lock screen
- **App Content:** Allows apps to send content to the Android system
- **Android System Intelligence:** Get suggestions based on the people, apps and content you interact with
- **Autofill Service from Google:** Lists your saved passwords, credit cards & addresses
- **Usage & diagnostics:** Share data to help improve Android

## SECURITY

### EXTEND UNLOCK

This Google feature allows you to keep your device unlocked when it's with you.

Extend Unlock can recognize when:

- You are holding the device
- You are near home or another trusted place
- Your watch or another trusted device is nearby

**\*Add trusted place:** Tap Add trusted place and follow the on-screen prompts.

After you unlock your phone, it stays unlocked as long as you're at or close to a trusted place.

Your phone will stay unlocked for up to 4 hours or until you leave one of your trusted places. For accuracy this uses your precise location.

**Add trusted device:** After you unlock your phone, it stays unlocked when it's connected to a trusted device listed above, like a Bluetooth watch or car system.

Your phone will stay unlocked for up to 4 hours or until it disconnects from all trusted devices.

When Smart Lock is active, you can force your phone to lock anytime. Just open the power menu and tap Lockdown.

## ANDROID SAFE BROWSING

Safe Browsing alerts you to security threats, like harmful links and webpages, when you browse within supported apps.

## DEVICE ADMIN APPS

Access FIND MY DEVICE and other admin apps in this section.

## SIM LOCK

You have the option to Lock the SIM. Default is OFF; enabling this feature would require a PIN to use the device

## ENCRYPTION & CREDENTIALS

Manage your credential storage within this sub-menu

- **Encrypt phone:** Your phone is already encrypted.
- **Trusted credentials:** View trusted security certificates.
- **User credentials:** View and modify stored credentials.
- **Install a certificate:** Install certificates from the SD card.
- **Clear credentials:** Remove all certificates.
- **Certificate management app:** Tap to view apps where the credentials can be used for authentication

## TRUSTED AGENTS

From the Security & Privacy screen, scroll to and tap More security & privacy, and scroll to and tap Trust agents.

Slide the switch to the On position to turn them on.

## APP PINING

- From the Security screen, tap App pinning. Slide the switch to the On position to turn it on.
- When turned on, you can use app pinning to keep the current screen in view until you unpin.

### Confirm SIM deletion

Turn this option ON to require verification prior to deletion of a SIM

## FINGERPRINT

In addition to unlocking your phone, you can also use your fingerprint to authorize purchases and app access.

On the **Security & Privacy** screen, tap **Device Unlock**, then **Face & Fingerprint Unlock**.

**IMPORTANT NOTE:** You will not be able to unlock via fingerprint on first boot / power on.

## **FACE UNLOCK**

Unlock your phone by looking at it. On **Security & Privacy** screen, tap **Face & Fingerprint Unlock**.

### **SET UP FACE AUTHENTICATION**

**IMPORTANT NOTE:** To increase facial accuracy when attempting to unlock your device, we encourage you to ensure you are in good lighting when enrolling into face unlock.

1. Enter your pattern, PIN, or password.
2. Keep your eyes open and make sure your face is fully visible and not covered by any object, such as a hat or sunglasses.

### **UNLOCK YOUR PHONE WITH YOUR FACE**

To unlock your phone, press the Power key to light up the phone screen and trigger Face Unlock automatically.

**NOTE:** Using Face unlock works best in well lit environments.

## LOCATION SETTINGS

- From the Home screen, swipe up to access **App** screen, and tap **Settings > Location**.
- Turn **On** location services.
- 

## RECENT ACCESS

View a list of apps that have recently requested your location.

## APP LOCATION PERMISSIONS

View which apps have permission to access location services.

## LOCATION SERVICES

**Earthquake alerts:** Default is ON; You will get an alert with the initial estimated magnitude and distance from your location. Alerts are managed by Google.

**Emergency Location Service:** Turn On Google ELS.

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:** Default is ON; Saves where you go with your device, even when you aren't using a specific Google service.

**Google Location Sharing:** Default is OFF; Location Sharing lets you share your real-time location from your device with people you choose.

**Google Location Accuracy:** Turn On this option to use GPS, Wi-Fi, Bluetooth, mobile networks, and sensors to determine your location.

**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.

## **SAFETY & EMERGENCY**

Store your medical and emergency information, view emergency alerts, and manage settings on emergency SOS and location service.

- From the Home Screen, swipe up to access App screen, and tap **Settings** --> **Safety & Emergency**
- Open Google's **PERSONAL SAFETY** to add your medical information, emergency contacts & emergency info access.

### **MEDICAL INFORMATION**

Gives you the ability to enter your name, date of birth, blood type, height, weight, allergies, pregnancy status, medications, address, any medical notes and organ donor status. This information is only stored on your device.

### **EMERGENCY CONTACTS**

Add your emergency contacts. In the case of an emergency, this information is available so these contacts can be called without unlocking your device.

### **EMERGENCY SOS**

Pressing the POWER button quickly 5 times (or more) in an emergency, your device can call emergency services, share info with emergency contacts & record a video.

### **CAR CRASH DETECTION**

This is a Google service that is not available on this device.

### **CRISIS ALERTS**

Default is OFF: Get notified about natural disasters and public emergencies affecting your area. The use of this feature does require location permissions.

### **EMERGENCY LOCATION SERVICE**

When activated and in an area that supports this feature, when you call or text an emergency number, your device may automatically send its location and other critical information to emergency responders.

### **EARTHQUAKE ALERTS**

You will get an alert with the initial estimated magnitude and distance from your location.



## **UNKNOWN TRACKER ALERTS**

Trackers work with Find My Device network compatible tags.

When alerts are on, you'll get a notification if an unknown tracker is detected traveling with you. These alerts are deleted after 48 hours.

## **SILENCE NOTIFICATIONS WHILE DRIVING**

This acts as a Do Not Disturb while driving.

When ON, this will automatically silence incoming calls, texts and notifications when driving is detected.

## **WIRELESS EMERGENCY ALERTS**

Enabling Wireless Emergency Alerts will provide notifications for Extreme & Severe threats to life and property, AMBER Alerts, Public Safety messages, State & local tests. You can turn each one of these individually on or off.

You can also see the emergency alert history.

You can set alerts to vibrate if you elect and can also set the frequency of the alert to once, every 2 minutes, every 15 minutes, or never.

# PASSWORDS & ACCOUNTS

From the Home screen, swipe up to access the **App** screen, and tap **Settings > Passwords & Accounts**.

## PASSWORDS

See, change, or remove passwords you saved in your Google Account.

## AUTOFILL SERVICE

Autofill your information when needed from your Google Account. Fill in the categories with information you would like to autofill, such as addresses, payment methods, etc.

## ADD ACCOUNT

On the **Passwords & accounts** Screen, tap **Add account**.

- Tap the type of account you want to add.
- Follow the prompts to enter your credentials and set up the account.

## AUTOMATICALLY SYNC APP DATA

On the **Passwords & accounts** Screen, tap **Automatically sync app data**.

- Turn **On** this option to activate automatic data syncing.

# DIGITAL WELL BEING AND PARENTAL CONTROLS

From the Home screen, swipe Up to access the **App** screen, and tap **SETTINGS --> DIGITAL WELLBEING & PARENTAL CONTROLS.**

## DIGITAL WELLBEING

- Use app timers and other tools to keep track of screen time and unplug more easily.
- Touch the timer in the center of the screen to show usage time of Screen Time, how many notifications received & how many times it was opened.
- You can also set timers for each application to set the amount of time each application is made available for that day. The clock, for timing purposes, runs 12:00am-11:59pm.

## WAYS TO DISCONNECT

- **Dashboard:** View your screen time & set timers for your applications.
- **Bedtime mode:** Silence your phone, dim the wallpaper, and change the screen to black & white at the set bedtime.
- Use **Do Not Disturb for Bedtime Mode** and allow only calls from starred contacts, repeat callers and alarms.
- **Focus mode:** Set a schedule to pause distracting apps and hide their notifications.

## REDUCE INTERRUPTIONS:

- **Manage notifications:** Enable or disable the notifications of apps.
- **Do Not Disturb:** Turn ON to only get notified by important people and apps. Use this section to set which people, which applications, and the various alarms, reminders & calendar events can interrupt Do Not Disturb mode.
- **Schedules:** Set your schedule for sleeping and events.
- **Duration for Quick Settings:** Until you turn off, for 1 hour or ask every time
- **Display options for hidden notifications:** When Do Not Disturb is turned ON, set whether 1) sound will play when a notification arrives or 2) no visuals or sound when a notification arrives.
- You can also set custom settings.

## HEADS UP

- Receive a reminder from Google when walking while using your phone to focus on what's around you.
- **Show icon in the app list:** Turn on to show icon in the application list.

## FAMILIES

**Parental Controls:** You can add content restrictions and set other limits to help your child balance their screen time.

## Google

Configure your device's Google settings. Available options depend on your Google Account.

From the Home screen, swipe up to access **App** screen, and tap **SETTINGS --> Google ACCOUNT**

If you did not log into your Google account yet, you can use this menu to sign in.

1. On the Google screen, tap **SIGN IN TO YOUR Google ACCOUNT.**
2. Tap **Google ACCOUNT**
3. Follow the screen instructions to finish the setup.
4. Choose from **Recommend services** or **All Services.**
  - You will see your current backup status and your current Google storage usage.
  - From this menu, you will have the capability to access Find My Device, Password Manager, Google Wallet and Quick Share from this menu.

# SYSTEM

## LANGUAGES

You can set the phone language and input options to any of the languages displayed in the language lists.

1. On **System** screen, tap **Languages**.
2. From here you can change languages for the System, for Apps, and for regional preferences
3. English is set as the default System language, however to change this, simply touch **System Languages** and either select an alternative language, or touch **Add a language**.
4. When more than one language has been added, you can touch and hold the language, then drag it up to the first position to set it as the default display language.
5. To remove a language, tap **REMOVE**
6. To change APP LANGUAGES, simply touch **App Languages** and select the application you would like to change the language for and on the next screen, select the language you would like associated with that application.
7. For **REGIONAL PREFERENCES**, you can change temperature between Fahrenheit and Celsius, and you can set the First day of the week.

## SPEECH

Tools here will help with voice input & recognition as well as text-to-speech output.

- **On-Device recognition**
- **Text-to-Speech output**
- **Preferred engine:** Default is Speech Services by Google, however click the settings icon and you can install voice data (various voice languages), control how the voice data is downloaded (WiFi vs. Cellular), amplify speech volume to make it easier to hear, set your language detection (off, conservative or aggressive) and other settings.
- **Language:** The default setting is the system language, however you can change the primary language to any one of the listed languages.
- From this sub-menu you can also adjust the Speech Rate and the Pitch of the text-to-speech.

## KEYBOARD

You can select the on-screen keyboard you wish to use from this sub-menu, as well as other tools such as Spell Checker and Personal Dictionary and Pointer speed.

### On-Screen Keyboard

**Gboard:** You can use **Google keyboard** which is a multilingual typing keyboard. Click this and you will open up a submenu where you can change the settings of the Gboard.

**Google voice typing:** You can use **Google voice typing** for entering the text instead of using the keyboard.

### Spell checker

Turn ON to use the spell checker.

You can select the language from the list of languages. From the Default spell checker, you can click on the Settings icon and you can include your contacts first and last names as part of your dictionary as well as marking words that are potentially misspelled with a blue underline.

### Personal dictionary

You can add in words to your dictionary. Simply press the Add (+) button to add additional words to your personal dictionary.

### Pointer speed

Use this slider to assign a speed of how fast the pointer moves on the screen.

## GESTURES

You can use this menu to manage gestures on your device. From your Home screen, scroll to **SETTINGS-->SYSTEM -->GESTURES**.

### Quickly open camera

Turning this option ON allows you to press the power button twice from any screen to activate the camera.

### Navigation mode

You have a choice of how to manage navigation by using either the Gesture navigation or the 3-button navigation setting.

## Press & hold power button

Pressing and holding the power button can be set up for two different actions:

1. Displaying the power menu:  
Choosing this displays options to make an emergency call, lock your phone, restart your device, or power it off.
2. Opening the Digital assistant

The default is to open the digital assistant.

When choosing the Digital Assistant, you will have the option to set the sensitivity of how long to press & hold the power button before the digital assistant is activated.

If you choose the Digital Assistant and wish to bring up the Power Menu, simply press the power button and the volume up button at the same time.

If you choose the Digital Assistant and want to quiet the ringing of an incoming phone call, simply press any volume button.

## Prevent ringing

When the power button is driven to the Power menu, you can select to vibrate or mute the ringer when you press Power & Volume Up key together.

## Toggle Flashlight

When enabled, you can activate the flashlight by double shaking the device.

NOTE: Sudden movements can activate the flashlight unintentionally. Please note that the flashlight consumes battery life and can generate heat so please check this setting to ensure your device is performing as expected.

## DATE & TIME

From Home screen, click **SETTINGS --> SYSTEM --> DATE & TIME**  
The device default is to use the network date & time. If you disable this, you are able to manually change the date and time to that of your choosing.

## **TIME ZONE**

The device default again is defaulted ON to automatically detect what time zone you are currently in.

You can also allow the device to use your location to identify your time zone.

## **TIME FORMAT**

You can use your locale default, which is defaulted to OFF.

You are also able to format the time to either 12-hour or 24-hour format. The default is 12-hour time format.

## **BACKUP**

From here you will be able to manage the storage of your Google account, as well as backup your Google account.

Backup by Google One is defaulted ON.

Note: If you turn this off, a TURN OFF AND DELETE BACKUP message is displayed. This will turn off backup for device data on this device AND you will also delete backed-up device data including Device Settings, Apps & app data, Contacts & Call history and SMS/MMS messages.

Backup only uses Wi-Fi connections to back up data.

You can determine what you would like to backup:

- Applications
- Photos & videos
- SMS & MMS messages
- Call history
- Device settings
- Google Account data

You also may choose to back up using mobile or metered Wi-Fi data. The default setting here is OFF.

Note: charges may apply if you use this feature. Please contact your cellular provider for details of your pricing plan.

## **MULTIPLE USERS**

You can allow multiple users of your device by enabling this feature. The default setting is OFF.



Each user will have a personal space on your device for custom home screens, accounts, apps, settings & more.

From this menu you will also be able to delete guest activity. You have the ability for the guest to use phone capabilities. The default for this is OFF. If you activate this, note that your call history will be shared with the guest user.

You also have the capability of adding users from the lock screen.

## RESET OPTIONS

From here, you can:

- Reset Mobile Network Settings
- Reset Bluetooth & Wi-Fi (You cannot undo this action.)
- Reset app preferences

This will reset all preferences for:

- disabled apps
- disabled app notifications
- default applications for actions
- background data restrictions for apps
- permission restrictions
- battery usage settings

(You will not lose any app data.)

- Erase eSIMs (Note: This will not cancel any mobile service plans. To download replacement SIMs, please contact your carrier.)
- Erase all data (Factory data reset)  
Completely wipe your device clean as if it is brand new from the factory.

### **Warning: BACK UP YOUR IMPORTANT DATA FIRST!**

Factory data reset function deletes EVERYTHING from your device including your Google account, all apps and app settings, all contacts, photos, downloaded music, text messages. Back up important data before completing this step as you will not be able to recover if you do not backup.

- Reset Settings
- Reset systems back to default settings

## SYSTEM UPDATE

This section allows you to check for any software updates that might be available for your device.

1. To access this submenu, from the Home screen, go to **SETTINGS -->SYSTEM UPDATES**.
2. **Check for new update:**
3. Click on **Check for new update** to see if there is an available software update. The device will check for any updates. Follow the prompts should there be an available update, otherwise if you are up to date, a pop up message will display "Software is up to date. Your SONIM X800 is up to date."  
(Note: X800 is the model number of your Sonim XP Pro 5G phone)

### System update preferences:

From this menu you have options to:

- Set preferred times to install any software updates
- Use Smart Updates to install updates on your device at your preferred time without delay, and install an OS upgrade as soon as it's available at your preferred time.

### Software update assistant:

This tool allows you to update your device using your computer. You will need to connect your device to your laptop via USB, however you would need to have the device software on your laptop for this feature to work.

### System update history:

This will show you the current software of your device.

## ABOUT PHONE

To access specific information about your device, from the Home screen, scroll to **SETTINGS --> ABOUT PHONE**

The following information is displayed:

### **Device name**

- Tap on this to show your device name. You can change this. Note this is what others will see when/if when you connect to Bluetooth devices, connect to a Wi-Fi network or hotspot

### **Phone number (SIM)**

### **Phone number (eSIM)**

### **Legal information**

- Tap to display additional information

### **SIM status (SIM)**

- Tap to display more information about the network connection & device performance stats

### **SIM status (eSIM)**

### **Model**

- Tap to display type number, serial number & hardware version number

### **EID**

- Tap to display a QR code of the EID

### **IMEI (SIM)**

### **IMEI (eSIM)**

### **Android version**

Tap to display:

- Android version
- Latest Android security update
- Latest Google Play system update
- Baseband version
- Kernel version
- Build (Software) version number
- Regulatory labels
- IP address
- Wi-Fi MAC address

NOTE: MAC addresses are only available when the service is enabled. IP addresses are only available when the device is connected to Wi-Fi or mobile data.

### **Device Wi-Fi MAC address**

### **Bluetooth address**

### **Up time**

- Displays the amount of time the device has been
- Last factory data reset
- Date and time of the last factory data reset this device experienced


### **FCC ID**

### **Build Number**

This is the Software version of your device and is important that you keep this updated with the latest improvements and enhancements to the device software package.

## MANAGING CONTACTS





You can use the phonebook to maintain phone numbers and other information of your contacts. This feature enables you to add, dial phone numbers and send SMS and MMS messages.

From the Home screen, swipe up to access **App** screen, and tap **Contacts** (  ).

## ADDING A CONTACT


When you switch **On** the device for the first time, there are no contacts added in the device or SIM. Contacts can be imported when you sync your Google account.

## CREATING A NEW CONTACT

1. On Contacts screen, tap (  ).
2. Enter all the details, select where to save the contact and tap **Save**. The contact is added to the phonebook.
3. To add a new contact from dialer/phone, tap Phone (  ) on the home screen, tap (  ).
4. Enter a phone number.
5. Tap **Create new contact**. Enter all the details and tap **Save**. The contact will be added to your phonebook.
6. To add a picture to the contact, simply tap the pencil icon (  ) at the top of the screen (**Edit**) and then tap on the camera icon at the top and follow the prompts. Press **Save**.


## EDITING CONTACT DETAILS

On the Contacts screen, scroll to the desired contact and tap the contact to view details.

1. Tap the Edit pencil icon (  ) which is present on top right corner.
2. Edit the required details. Tap **Save** to save the details.

## SENDING A MESSAGE FROM CONTACTS

You can send SMS and MMS messages to contacts in your phone book. On the Contacts screen, scroll to the desired contact and tap to open it.


1. Tap the Messages icon (  ).
2. Tap in the Text Message box at the bottom of the page and enter your message.
3. If you wish to attach a photo/video tap the photo/video icon and select the desired photo/video.
4. If you wish to attach an emoji/GIF/sticker, tap the smiley face icon and select the desired emoji/GIF/sticker.
5. If you wish to record a voice memo, tap the sound wave icon and follow the prompts.
6. When ready to send, simply tap the arrow in the text field on the right side of the screen to send your message.

NOTE: If you attach a media file or a contact to your SMS message, it will automatically be converted to an MMS message.

## MANAGING CONTACTS SETTINGS

On the Contacts screen, tap 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 one of the displayed options and enter the desired label name and tap **OK**.
3. On the Contacts screen, tap **Add a contact**. Tap the desired contact and it will be added to the label. Created labels are displayed under Labels.

NOTE: Only contacts saved on the device can be added to a label that is saved on the device.

## SETTINGS

- **My info:** Set up your profile. Enter the details and tap **Save**.
- **Accounts:** Manage accounts.
- **Default account for new contacts:** Set default account for new contacts: Google Account, Device.
- **Contacts to display:** Choose to display all contacts or customized contacts.
- **Sort by:** Sort the contacts by their First name or Last name.
- **Name format:** Set contact name format.
- **Phonetic name:** Choose to **always show phonetic name** or **hide** if empty.
- **Import:** Tap **.vcf file** to import contacts from Google Account (if it is configured) or **Phone**.
- **Export:**
  - Export to .vcf file:** The contacts are saved as contacts.vcf. Tap **SAVE** and a toast message is displayed; Contacts will be exported shortly.
  - Share all contacts:** Tap **Share all contacts**, follow the toast message to finish exporting contacts by:
    1. Scroll down the notification bar, select exporting contacts item from notification curtain.
    2. You can choose the desired method from the list, such as Bluetooth, Drive, message, etc. Tap “Just once” if it is not how you always share your data or “Always”.
    3. Follow UI for the next steps, they differ per method you choose from the list.



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


- **Blocked numbers:** You will not receive any calls or text messages from the blocked numbers. If you wish to add a number to block, tap **Add a number**. Enter the number to be blocked and tap **Block**. The number is then blocked and you will not receive any calls or messages from that number. You can block calls from unidentified callers.

## SEARCHING FOR A CONTACT


On the Contacts screen, tap the **search** (magnifying glass) at the top of the screen. Enter the first few letters/numbers of the contact name/phone number to be searched.

All the contacts containing the searched text will be displayed.

## SHARING A CONTACT

On the Contacts screen, touch and hold the desired contact to select it. Tap Share (  ) and to use several modes to share the contact.

## DELETING A CONTACT

On the Contacts screen, touch and hold the desired contacts to select them. Tap **Delete** (  ).

A confirmation message is displayed; These contacts will be deleted. Tap **Delete** to confirm. The contacts are deleted.



## MANAGING CALL SETTINGS

From the Call Settings screen, you can adjust volume levels, ring tones, vibration options, and other actions like setting up your voicemail.

You can also customize the sounds and volume levels of the ringtones, alarms and navigation feedback.

### DISPLAY OPTIONS

From here you can set how your contacts are displayed in the address book.

- **Sort by:** Use this to sort your address book by first name or last name.
- **Name format:** Use this to sort your address book by first name first or last name first.

### SOUNDS AND VIBRATIONS

This submenu will allow you to adjust volume levels for your media, in call volume, ring volume, notification volume and alarm volume.

#### Do Not Disturb

You can turn Do Not Disturb on or off, and from here you can also identify specific people, applications or alarms & sounds, reminders and calendar events that can override Do Not Disturb mode.

You can activate a Do Not Disturb schedule and specify which events can be included in Do Not Disturb management.

#### Duration for Quick Settings

Determine the duration of your quick settings. Choose between Until you turn it off, For 1 hour, or ask every time.

#### Display options for hidden notifications

Determine how your options for hidden notifications when Do Not Disturb is on:

- You will see notifications on your screen but no sound,
- You won't see or hear notifications, or
- You can set custom settings based on when the screen is off or on

## Phone Ringtone

Use this submenu to set the preferred ringtone for incoming calls.

## Live Caption

Live Caption detects speech on your device and automatically generate captions. Settings will allow you to choose languages, suggest detected languages, set your caption preferences, hide profanity, show sound labels, and set volume control.

## Media

- **Pin media player:** Enable this feature to quickly resume playback as the media player will stay open in Quick Settings.
- **Show media on lock screen:** Enable this feature to quickly resume playback as the media player will stay open in Quick Settings.
- **Show media recommendations:** Based on your activity, recommendations may be made available to you.

## VIBRATION & HAPTICS

You can enable ring vibration, set the device to vibrate first then ring gradually, set your notifications & alarms to vibrate and enable touch feedback and media vibration.

## SHORTCUT TO PREVENT RINGING

Enabling this feature allows you to vibrate or mute the ringing when you press volume up and power buttons together.

## DEFAULT NOTIFICATION SOUND

Select the default sound for notifications that are received by your device.

## DEFAULT ALARM SOUND

Select the default sound for alarms that will play when alarms are activated.

## DIAL PAD TONES

Enable this and tones will be played when dial pad buttons are pressed.

## SCREEN LOCKING SOUND

Enable this for a sound to be played when the screen is locked

## CHARGING SOUNDS AND VIBRATION

Enable this for sound/vibration to be played when device goes into charging mode.

## TAP & CLICK SOUNDS

## ALWAYS SHOW ICON WHEN IN VIBRATE MODE

### QUICK RESPONSES

Four quick responses are available to use here for quick responses to SMS or MMS. Each of these can be edited to your personal desire. Simply tap the response and edit as you desire.

### SPEED DIAL SETTINGS

Use this submenu to assign specific numbers as Speed Dial numbers. Simply tap on the desired location (2-9) and either type in the number directly OR click on the Contact icon on the right side of the input and select a saved contact from your phone book.

NOTE: Location 1 is permanently saved for Voicemail. This cannot be changed.

To make a Speed Dial call, simply press and hold the number of the speed dial contact.

You can edit these numbers at any time by pressing and holding on the Speed Dial and tap **REPLACE**. Type in the new speed dial number and press **OK**.

## CALLING ACCOUNTS

From here you can:

- Activate Wi-Fi calling when the mobile network is not available,
- Activate video calling,
- Set calls to auto-answer between 3 and 30 seconds,
- Boost the speaker during a phone call
- Set Call Forwarding
  - Always forward
  - When busy
  - When unanswered
  - When unreachable
- Call Barring
  - All outgoing
  - Outgoing international
  - Outgoing international roaming
  - All incoming
  - Incoming international
  - Deactivate all
  - Change password
- Additional Settings
  - Caller ID
  - Network default
  - Hide number
  - Show number
  - Call Waiting
  - Enable to disable to alert you during a call when you receive an incoming call

## BLOCKED NUMBERS

Enable calls to be blocked from unidentified callers. To activate, simply tap **Add a number** and on the next screen add the number you would like blocked, then tap **Block**.

## VOICEMAIL

From this submenu you can change various settings for voicemail sounds & notifications.

- **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.
- **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.

## ACCESSIBILITY

From here you can:

- Activate TTY mode
- Turn on hearing aid compatibility
- Turn on Real-time text (RTT) calling, allowing messaging within a voice call.

NOTE: RTT calls are saved as a message transcript nor are they available for video calls.


## ASSISTED DIALING

Enable the ability to predict and add a country code when you are making a call while traveling abroad

## SENDING MESSAGES AND EMAILS


SMS and MMS are convenient 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 messages to other mobile phones or any other equipment that can receive SMS and MMS.

An active mobile data connection is required for sending an MMS. From the Home screen, swipe up to access App screen, and tap Messages (  ).


### SENDING SMS/MMS MESSAGE

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

1. On the **Messages** screen, tap **Start chat**.
2. Enter the contact name or the phone number in To field. When entering letters, contacts starting and containing the entered letters are displayed. Scroll down to select the desired contact.
3. Type the message in the message field. When you add an attachment, the message automatically converts to a multimedia message.
4. You can add any multimedia attachment up to the size of  $\leq 1$  MB\*. To add an attachment, tap Attach (  ). Select the attachment type from the options in the next step.  
\*file size may vary based on carrier requirements.
5. Select the multimedia file to be attached.

## DELETING MESSAGES

To delete a message, Click on the message you wish to delete.

1. Tap the options icon (  ) and tap **delete**. A pop-up message will appear.
2. Tap **delete** to delete the message.

NOTE: Once deleted, it cannot be undeleted.

## SETTING UP GMAIL ACCOUNTS

Setting up your Gmail account(s) will allow you to access your email and email services.


To add a Google account to your device:

1. From the Home screen, tap the Google application.
2. Tap on the screen above Recommended and All Services
3. Click ADD ANOTHER ACCOUNT

## VERIZON PTT PLUS SERVICE

Push to Talk Plus requires a subscription to work. Additional charges may apply. Contact your Verizon representative for more information about Verizon PTT Plus.

### LAUNCHING VERIZON PTT PLUS APPLICATION

To launch the Verizon PTT Plus application, click on the Verizon PTT Plus icon (  ) from Home/Application screen.

For more information on Verizon PTT Plus, refer to this link:

<https://www.verizon.com/business/products/voice-collaboration/workforce-productivity/push-talk-plus/>



# USING APPLICATIONS

## CAMERA

The Sonim XP Pro has a 50MP main, 13MP ultra-wide, 2MP micro rear camera and 16MP front camera with fixed focus for taking pictures. Saved pictures can be accessed via either the Photos app or by clicking on the gallery button on the lower left corner of the screen.

From the Home screen, swipe up to access App screen, and tap Camera.

- **Camera mode:** Tap the soft key in bottom center of the screen. Use Volume Up and Down key to work as alternative keys for capturing pictures.
- **Continuous Shot mode:** Press and hold the Volume Up or Volume Down key, and this will activate the Continuous Shot mode, capturing up to 20 pictures in rapid succession. Releasing the button at any point during the long press will end the continuous mode shooting.

When you activate the camera, you will see a series of options along the lower edge of the screen above the camera soft key.

These options are:

### Pro

There are several professional settings provided for you to manually adjust parameters for picture taking. You have the capability to adjust any of the following:

- Manual focus
- ISO
- Shutter speed
- Exposure
- White Balance
- Auto focus

### Night

This mode will reduce noise and sharpens details for low-light photography. Keep your phone still when taking photos.

## Video

You will have access to Beauty & Filter settings and an Auto Zoom setting (0.6x, 1x, or 2x).

## Photo

You will have access to Beauty & Filter settings and an Auto Zoom setting (0.6x, 1x, or 2x).

## Portrait

For best “bokeh” (or blur) effects, keep a distance of 0.5-1.5 meters between your phone and the subject.

## 50M

### More

- Panorama
- AR Sticker
- Watermark
- Time-lapse
- QR Code
- Macro

Just below these “modes”, there are 3 buttons that support your photo/video efforts.

**Gallery soft key** is the soft button on the left side of the screen. This will give you access to all of your photos and videos taken from your device.

**Camera Soft key** is the button you use to take a picture or to start and stop a video.

**Mirror Soft key** is the button used to turn the front camera around so you can take a selfie. This feature does not work with the rear camera. Utilize the following features when in Camera mode. These are the icons along the top of the screen when in Camera mode.

NOTE: These descriptions are for the camera installed on the Sonim XP Pro 5G. If you are using a different camera, these descriptors could be different.

These icons are on the screen from left to right:

**FLASH:** Tap on the Flash icon to activate or deactivate the flash. If the flash icon is orange in color, it is activated; if the icon has a slash through it, the flash is deactivated; if the icon has a small “a” in the bottom right of the icon, then it is in Automatic mode.

**HDR (High Dynamic Range):** Tap on the HDR icon to activate or deactivate the feature. If the HDR icon is orange in color, it is activated; if the icon has a slash through it, the flash is deactivated; if the icon has a small “a” in the bottom right of the icon, then it is in Automatic mode.

**AI:** Tap the AI icon to activate or deactivate auto scene detection.

**Google Lens:** Tap on the Google Lens icon to activate Google Lens. When active, use your camera to snap a picture and Google will provide a description (where available) of the image in your shot.

## MOTION PLAY

Turn this Google Camera feature on or off to capture photos with creative blur effects.

## SETTINGS

**Picture Size:** Adjust the picture size here.

- 1.2MP (1:1)
- 13MP (4:3)
- 8MP (16:9)
- 7MP (Full screen)

**Shutter Sound:** can turn on or off

**Geotagging:** When enabled, will record coordinates where pictures are taken. Details can be found in picture details.

**Camera Screen brightness:**

- Minimum brightness
- Normal
- Maximum brightness

**Volume key functions:** While default is to capture a shot, including Continuous Shot mode, you can set the volume key to operate as follows when the camera is engaged:

- Volume
- Capture
- Zoom

**Self Timer:** Can set the self-timer to any of the following options:

- Off
- 3 seconds
- 5 seconds
- 10 seconds
- 15 seconds

**Touch Shot:** Activating this feature allows you to touch anywhere on the touchscreen to capture a photo.

NOTE: This does NOT work when in video mode.

**Face Detection:** Enable this feature to automatically detect and track a face, keeping it in focus as you move the camera.

**Watermark:** This Google Camera feature allows you to create a time watermark, a device watermark and/or a location watermark.

To create a custom watermark, select **device watermark**. This custom watermark can be up to 16 characters containing letters, numbers or special characters.

NOTE: Emojis cannot be used as part of your custom watermark.

**Grid:** Enable this feature to lay a grid over the screen to help you line up your image before you take your photo or video.

**Smile capture:** Turn on this feature to snap a photo whenever the camera detects a smile.

**Advanced Features:**

- **Anti-Flicker:** settings for Auto, Off, 50 Hz or 60 Hz.
- **Restore default settings:** This will re-set all settings to the factory default.

# USING APPLICATIONS

## CALENDAR

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

To access your calendar:

1. From App screen, tap Calendar
2. From the home calendar screen you can change your view by clicking the three lines on the top left side of the screen. Here you can display
  - Schedule
  - Day
  - 3 Days
  - Week
  - Month

**To schedule an event or a task**, tap the “+” button on the lower right side of the screen, and then tap either Task or Event and follow the prompts.

**To view events on your calendar**, make sure they are selected to be displayed. Go to Settings by clicking on the three lines in the upper left hand corner of your device and scroll to the bottom and tap Settings. Follow the prompts based on what activities and calendars you would like synced to your phone.

## CALCULATOR

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

1. To access the calculator, from the App screen, tap Calculator.
2. To enter numbers, tap the respective numeric soft keys.
3. To perform your calculations, touch the respective operation soft keys on the screen.

For more mathematical operators, tap the “v” soft key above the division soft key on the right side of the screen.

Within the Calculator app, there is a Settings menu. From here you can gain access to:

- **History:** you can get a list of previous calculations you have performed on the device.
- **Choose theme:** you can choose a light, dark or system default theme.
- You can access Google’s Privacy Policy as well as send Google feedback on their application and access the Google help menu.

## **CLOCK**

To access the Clock, from the App screen, tap **Clock**.

The following features are available:

### **Alarm**

- To schedule a new Alarm, tap the “+” button and set the specific time of your alarm.
- You then can add a label, select the frequency of the alarm, set the tone, whether you want it to vibrate, whether you wish to add this alarm to your Google Assistant Routine, or delete the alarm.

### **Clock**

- The clock automatically displays the current time for your location by using data from the nearest connected cell tower.
- To check the time in other cities around the world, tap the “+” button and start typing the first few letters of a city’s name. A list of city options will appear based on your input. Simply select the cities you want, and they will be added to the Clock screen for easy viewing.
- If you want to remove a city from the Clock screen, swipe left on the city name, and it will be deleted.

## Timer

- Set the desired timer and press the round **Play** key at the bottom center of your screen.
- You will then be able to pause, add 1 minute to the timer, or create another timer. You can add as many timers as you like.

## Stopwatch

To start the Stopwatch, simply press the play button on your screen. You have options to restart (left soft key) or create a split (right soft key)

## Bedtime

### Setting Up Your Sleep Routine

- **Set a Regular Wake-Up Alarm**
  - Choose a consistent wake-up time to start your day.
  - If you prefer a gentler wake-up, enable the **Sunrise Alarm** feature. This gradually brightens your screen before the alarm activates.
- **Customize Alarm Settings**
  - Select a preferred alarm tone to wake up to.
  - Enable or disable vibration based on your preference.
  - Add the alarm to your **Google Assistant Routine** to seamlessly integrate it with your daily tasks.
- **Set Up Bedtime Notifications**
  - Configure a consistent bedtime to help you develop a healthy sleep pattern.
  - Enable **Bedtime Notifications** to remind you to prepare for sleep. You can choose when to receive notifications—15 minutes, 30 minutes, 45 minutes, or 1 hour before your set bedtime. You can also disable notifications if you prefer no reminders.
- **Enable Bedtime Mode**
  - Turn on **Bedtime Mode** to minimize distractions and create a sleep-friendly environment. When enabled:
    - Your phone will automatically silence



- notifications.
  - The wallpaper will dim.
  - The display will switch to black and white to reduce screen stimulation.
- You can customize Bedtime Mode to allow specific people, alarms, or notifications to bypass these settings for essential communication.
- **Additional Tips for Better Sleep**
  - Disconnect from your device as you approach bedtime.
  - Listen to soothing sounds to relax and prepare for a restful night.

**To access Clock settings** directly from the Clock application, tap the 3 dots in the upper right hand corner of your screen.

The following tools are available:

**Screensaver:** You will enable the screensaver when you access this screen.

### **Settings:**

- Clock Settings:
  - Style: Digital or Analog
  - Display time with seconds: on or off
  - Automatic home clock: Enabling this feature allows you to have a 2<sup>nd</sup> clock for when you are traveling in an area outside of your home time zone, displaying the correct time at your home.
  - Home time zone: Use this to set your official home time zone
  - Change date & time: Use this to manually adjust the date & time.

## ALARM SETTINGS

**Silence after:** Set the time to cancel the alarm sound after a specific duration. Options are:

- 1 minute
- 5 minutes
- 10 minutes
- 15 minutes
- 20 minutes
- 25 minutes
- or
- Never

**Snooze after:** This allows you to set the time to snooze after you have silenced your alarm. Options are from 1 minute to 30 minutes.

You can also:

- adjust the volume of your alarm
- gradually increase the volume of your alarm from 5 seconds to 60 seconds (in 5 second increments)
- set the volume buttons, when tied to an alarm, to control volume, snooze, stop the alarm or do nothing.
- set what day of the week your calendar starts. Options are Sunday, Friday, Saturday or Monday.

## TIMER SETTINGS

You can customize the timer:

- select the sound used by the Timer, or add your own sound.
- gradually increase the sound of your timer counter from 5 seconds to 60 seconds (in 5 second increments)

## SCREEN SAVER

You can customize the screen saver:

- set a digital or analog screen saver
- activate Night Mode to decrease the display to a very dim display to decrease the impact to your eyes in dark rooms.

### Privacy Policy

This will take you to the Google Privacy Policy

### Help

This will take you to the Google help resources. Popular topics will be listed on the main screen however you can use the search window to search the entire Google help database.

### Send feedback

This link will allow you to provide feedback directly to Google.

## CALCULATOR

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

1. To access the calculator, from the **App** screen, tap **Calculator**.
2. To enter numbers, tap the respective numeric soft keys.
3. To perform your calculations, touch the respective operation soft keys on the screen.
4. For more mathematical operators, tap the “v” soft key above the division soft key on the right side of the screen.

### Calculator Settings

From here you can gain access to:

- **History**: view a list of previous calculations you have performed on the device.
- **Choose theme**: choose a light, dark or system default theme.
- Google’s Privacy Policy, send Google feedback, and access the Google help menu.

## SOUND RECORDER

You can record voice memos using the device's sound recorder.

1. To access the sound recorder, from the **App** screen, tap **Sound Recorder**.
2. To record an audio file, tap the red record button in the bottom center of the screen.
3. To STOP the recording, press the STOP soft key on the bottom left side of the screen.
4. To PAUSE the recording, press the PAUSE soft key in the bottom center of the screen.

Once you have stopped the recording, you will be prompted to save the recording with a file name. You can use the prepopulated file name or create one of your own.

- Press SAVE when you have named the file.
- Once you have audio files saved to the device, you will see a MENU soft key brighten (it is dark and inactive on the screen when no audio files exist). Press this to see the list of audio files saved to your device and you can tap any of the files for it to play for you.

**Sound Recorder Settings Menu:** view specific attributes to the sound recordings or set custom values such as BitRates, Sample Rate, Channel and Codec by tapping the check box next to Custom Settings in the upper left corner of the screen.

## FILES

Files that are stored to your phone (i.e. photos, videos, screenshots, recordings, documents, etc.) can be viewed, edited, deleted and shared through Files. If you are using an external storage SD card, you can also manage those files from your device as well.

1. From the **App** screen, tap on **Files**.
2. You will see Recent files listed and grouped at the top of the screen.

3. Categories of files appear below the Recent files. These include:
  - Downloads
  - Images
  - Videos
  - Audio
  - Documents
  - Apps

A section for Collections includes files you have marked as Favorites and a Safe Folder.

**IMPORTANT:** Files stored in the Safe Folder are protected by a lock (either PIN or Pattern). If you forget this lock, there is no way for it to be recovered and these files will be lost. **Please protect your lock code. Neither Google nor Sonim can recover this lock code for you or reset it without a factory reset which would delete all folders within this Safe Folder.**

Storage devices also appear at the bottom of the screen, which includes internal storage and other storage options.

# FCC SAR WARNING

## RF EXPOSURE INFORMATION (SAR)

This device meets the government's requirements for exposure to radio waves.

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

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

- when tested for use at the ear is 1.20 W/kg
- when worn on the body, as described in this user guide, is 1.20 W/kg (Body-worn measurements differ among device models, depending upon available accessories and FCC requirements.)

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

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on **FCC: WYPS6002**

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and be positioned a minimum of 10 mm from the body. When the device is set to hotspot mode, please use it at least 10 mm away from your body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

## **FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

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

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

## **FCC CAUTION**

- Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all Wi-Fi product marketed in US must fixed to US operation channels only.

## **RADIATION EXPOSURE STATEMENT**

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

## **ADDITIONAL STATEMENT FOR PHONES**

This device has been tested for compliance with IC SAR values at a typical operating near the body. To ensure that RF exposure levels below the levels tested, use accessories with this equipment to maintain a minimum separation distance of 1.0 cm between the body of the user and the device. These accessories should not contain metallic components. It is possible that the accessories used close to the body that do not meet these requirements are not consistent with the SAR limits and it is advisable to avoid using them.

## **CAUTION**

1. The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
2. The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. Limit.
3. The maximum antenna gain permitted for devices in the band



5725-5825 MHz shall comply with the e.i.r.p. Limits specified for point-to-point and non point-to-point operation as appropriate.

4. Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

## **CONDITIONS OF ACCEPTABILITY**

The mobile phone shall only be charged in a safe area using a charger approved as SELV or Class 2 equipment against CAN/CSA C22.2 No. 62368-1 and ANSI/UL 62368-1 or equivalent standard as defined in the Canadian Electrical Code C22.1, Section 16-200 and/or National Electrical Code (NFPA 70), article 725.121.

The maximum voltage and current from the charger shall not exceed 9Vdc and 2A. The ambient temperature during charging shall be in the range 0° to 40°C.

Mobile phone, model: X800 has been certified with the use of battery: BAT-05000-21S (from Shenzhen Aerospace Electronic Co., Ltd.) only. No other types have been tested as part of this evaluation.

# HAZARDOUS LOCATION USAGE

## WARNING

Determine by inspection that the following information is made available to the user by one or more of:

1. Printed on the label for the battery.
2. Printed on the label for the host device.
3. Printed in the owner's manual.
4. Posted in a help file or Internet website.

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or re manufacture, 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 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.
- 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.
- IT IS NOT ALLOWED TO CONNECT ANY EXTERNAL DEVICES TO ALL PORTS/ INTERFACE (USB) IN A HAZARDOUS AREA.
- EXPLOSION HAZARD - THE BATTERY ONLY CAN BE CHARGED IN NON- HAZARDOUS LOCATION.
- DO NOT CONNECT OR DISCONNECT THROUGH USB PORT WHEN ENERGIZED, UNLESS THE LOCATION IS KNOWN TO BE NON-HAZARDOUS.

## **CSA STANDARD**

CAN/CSAC22.2No.213-17+UPD 1(2018) +UPD 2 (2019) +UPD 3(2021)  
(R2022)

CSA C22.2 No.62368-1-19

ANSI/UL 121201-2021, 9th Edition

ANSI/UL 62368-1,3rd Edition

## **CERTIFICATION**

cCSAus	CSA Certificate No. 80201162
	Class I, Division 2, Groups A, B, C and D, T4
	Class II, Division 2, Groups F and G, T4
	Class III, Division 2

# ADDITIONAL BATTERY INFORMATION

## BATTERY USAGE

Your Sonim XP Pro 5G phone comes with a non-removable battery. For any battery related questions, please contact the Sonim Customer Experience Center at 1-833-697-6646 (1-833-MY-SONIM) or email us at support@sonimtech.com.

- Use only a Sonim XP Pro (X800) certified battery
- (BAT-05000-21S) is designed for this phone model.
- The use of other batteries may cause permanent damage to your device, thus voiding the warranty.
- It is recommended to protect the battery from extreme temperature environments and moisture.
- Please Keep the battery out of the reach of children.

## VERIFYING AND OPTIMIZING BATTERY USAGE

You can check the battery usage status and also close some applications to save battery power. From the application screen, select **Settings** (⚙️) > **Battery** (🔋).

- The current battery level (charging or not charging) is displayed in the middle of the screen. Select **Settings** (⚙️) > **Battery** (🔋) > **Battery Usage** to view the discharge graph which 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. Select any listed items for more details. The details screen for some apps includes buttons that allow you to adjust settings affecting power usage or stop the application completely.
- If you Force Stop an application, it may affect the overall performance of not only that application, but the device as well.
- If you notice any issues with device performance, power cycle the device.

## 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 **Settings** to turn them off. The GPS setting is located in **Settings > 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.

## CHARGING THE BATTERY

We recommend that you give your device a full charge before you use your device for the first time.

- The ambient temperature during charging shall be in the range 0°C to 40°C (32°F to 104°F)
- Only the power supplies with outputs meeting 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.

## PROPERLY CHARGING THE BATTERY

**INSERT CHARGER** Insert the charger plug into a power outlet.

**CONNECT TO THE PHONE** The charging port is located on the bottom center of the phone. Open the port cover and insert the charging connector to the charging port.

### 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. A message is displayed as Battery is full. Unplug the charger.










## **STORING YOUR PHONE OR BATTERY**

If you plan to store your phone or your battery for an extended time, please follow the recommendations below to ensure long battery life and minimize battery self-discharge:

- Charge your battery to a level between 40% to 80%
- Store phone and battery separately to minimize battery trickle drain
- Insulate the battery terminals to avoid discoloration and potential short circuits with other battery terminals
- Store the battery in dry and cool conditions in a vibration-free environment
- If you use a climate-controlled storage location, set the temperature to 50° to 64° F (10° - 18° Celsius) and keep the relative humidity between 40% - 50%
- Recharge the battery once every 6 months, using the original Sonim wall charger and charging cable

## 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.

	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 Airplane 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 XP Pro 5G 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, cannot 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 XP Pro 5G is water-proof and can be submerged to 2 meters for 60 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 XP Pro 5G 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 XP Pro 5G from salt water, dust and strong impacts.

## **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  $-20^{\circ}\text{C}$  and  $+55^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  and  $131^{\circ}\text{F}$ ). 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.

# HEARING AID COMPATIBILITY (HAC) 2019 REGULATIONS FOR MOBILE PHONES

This phone is hearing aid compatible as determined by ANSI C63.19-2019.

This phone has been tested and certified 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.

The ANSI C63.19-2019 standard does not use the M/T rating system for showing the hearing aid compatible of the phone that older version of the standard used, instead, the 2019 version of the standard uses the conversational gains for the phone's hearing aid compatible capabilities.

The volume control performance has been evaluated according to ANSI C63.19-2019 and waiver DA-23-914. The lowest conversational gain is 6.6 dB with a hearing aid, and 11.26 dB without a hearing-aid.