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

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

**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 PHON**

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.
# TABLE OF CONTENTS

## GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Third Party Trademarks</td>
<td>2</td>
</tr>
<tr>
<td>Disposal of Old Electrical and Electronic Equipment</td>
<td>2</td>
</tr>
<tr>
<td>Disposal of Battery</td>
<td>2</td>
</tr>
<tr>
<td>Guideline for Headphone and Earphone</td>
<td>2</td>
</tr>
<tr>
<td>Register Your Phone</td>
<td>2</td>
</tr>
<tr>
<td>Phone Models Covered</td>
<td>2</td>
</tr>
<tr>
<td>Sonim Support Information</td>
<td>2</td>
</tr>
<tr>
<td>Use the Guide Effectively</td>
<td>2</td>
</tr>
</tbody>
</table>

## SAFETY GUIDELINES

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hearing Aid Compatibility (HAC) Regulations for Mobile Phones</td>
<td>5</td>
</tr>
<tr>
<td>Avoid High Temperatures</td>
<td>6</td>
</tr>
<tr>
<td>Personal Medical Devices</td>
<td>6</td>
</tr>
<tr>
<td>Child Safety</td>
<td>7</td>
</tr>
<tr>
<td>Emergency Calls</td>
<td>7</td>
</tr>
<tr>
<td>Warning</td>
<td>7</td>
</tr>
<tr>
<td>Battery Safety Warning for IEEE1725</td>
<td>8</td>
</tr>
<tr>
<td>Charging Safety Warning</td>
<td>8</td>
</tr>
</tbody>
</table>

## BATTERY USAGE

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inserting the Battery</td>
<td>9</td>
</tr>
<tr>
<td>Disposal of Battery</td>
<td>9</td>
</tr>
<tr>
<td>Charging the Battery</td>
<td>9</td>
</tr>
<tr>
<td>Warning</td>
<td>9</td>
</tr>
<tr>
<td>Verifying and Optimizing Battery Usage</td>
<td>10</td>
</tr>
<tr>
<td>Tips to Extend the Battery Life</td>
<td>10</td>
</tr>
</tbody>
</table>

## YOUR SIM/MEMORY CARD

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removing the Back Cover</td>
<td>11</td>
</tr>
<tr>
<td>Removing the Battery</td>
<td>11</td>
</tr>
<tr>
<td>Inserting the SIM Cards</td>
<td>11</td>
</tr>
<tr>
<td>Inserting Memory Card</td>
<td>12</td>
</tr>
</tbody>
</table>

## GETTING STARTED

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>What Is In the Box?</td>
<td>13</td>
</tr>
<tr>
<td>Phone Specifications</td>
<td>13</td>
</tr>
</tbody>
</table>

## USING YOUR SONIM XP8

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switching On the Phone</td>
<td>14</td>
</tr>
<tr>
<td>Setting Up Your Phone</td>
<td>15</td>
</tr>
<tr>
<td>Managing Home Screen</td>
<td>15</td>
</tr>
<tr>
<td>Key Description</td>
<td>15</td>
</tr>
<tr>
<td>Notification Bar Icons</td>
<td>16</td>
</tr>
<tr>
<td>Phone Operations Without SIM Card</td>
<td>16</td>
</tr>
<tr>
<td>Setting up and Using Lock Screen</td>
<td>16</td>
</tr>
<tr>
<td>Changing the Wallpaper</td>
<td>17</td>
</tr>
<tr>
<td>Capturing a Screenshot</td>
<td>17</td>
</tr>
</tbody>
</table>

## SUGGESTIONS

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wi-Fi</td>
<td>18</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>19</td>
</tr>
<tr>
<td>Data Usage</td>
<td>20</td>
</tr>
<tr>
<td>More</td>
<td>20</td>
</tr>
</tbody>
</table>

## WIRELESS & NETWORKSETTINGS

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wi-Fi</td>
<td>19</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>19</td>
</tr>
<tr>
<td>Data Usage</td>
<td>20</td>
</tr>
<tr>
<td>More</td>
<td>20</td>
</tr>
</tbody>
</table>

## MANAGING DEVICE SETTINGS

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>22</td>
</tr>
<tr>
<td>Notifications</td>
<td>22</td>
</tr>
<tr>
<td>Sound</td>
<td>22</td>
</tr>
<tr>
<td>Apps</td>
<td>23</td>
</tr>
<tr>
<td>USB Power Saving</td>
<td>23</td>
</tr>
<tr>
<td>Storage</td>
<td>24</td>
</tr>
<tr>
<td>Battery</td>
<td>24</td>
</tr>
<tr>
<td>Memory</td>
<td>24</td>
</tr>
<tr>
<td>Users</td>
<td>24</td>
</tr>
<tr>
<td>Tap &amp; pay</td>
<td>24</td>
</tr>
<tr>
<td>Gestures</td>
<td>24</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>MANAGING PERSONAL SETTINGS</td>
<td>26</td>
</tr>
<tr>
<td>Location</td>
<td>26</td>
</tr>
<tr>
<td>Security</td>
<td>26</td>
</tr>
<tr>
<td>Accessories</td>
<td>27</td>
</tr>
<tr>
<td>Programmable Keys</td>
<td>27</td>
</tr>
<tr>
<td>Accounts</td>
<td>27</td>
</tr>
<tr>
<td>Google</td>
<td>27</td>
</tr>
<tr>
<td>Languages &amp; input</td>
<td>28</td>
</tr>
<tr>
<td>Backup &amp; reset</td>
<td>28</td>
</tr>
<tr>
<td>MANAGING SYSTEM SETTINGS</td>
<td>30</td>
</tr>
<tr>
<td>Date &amp; time</td>
<td>30</td>
</tr>
<tr>
<td>Accessibility</td>
<td>30</td>
</tr>
<tr>
<td>Printing</td>
<td>30</td>
</tr>
<tr>
<td>About phone</td>
<td>31</td>
</tr>
<tr>
<td>MANAGING CONTACTS</td>
<td>32</td>
</tr>
<tr>
<td>Adding New Contact First Time</td>
<td>32</td>
</tr>
<tr>
<td>Adding a New Contact</td>
<td>32</td>
</tr>
<tr>
<td>Viewing Contact Details</td>
<td>32</td>
</tr>
<tr>
<td>Editing the Contact Details</td>
<td>32</td>
</tr>
<tr>
<td>Sending a Message from Contacts</td>
<td>32</td>
</tr>
<tr>
<td>Menu Options</td>
<td>32</td>
</tr>
<tr>
<td>Searching a Contact</td>
<td>34</td>
</tr>
<tr>
<td>Deleting a Contact</td>
<td>34</td>
</tr>
<tr>
<td>Sharing a Contact</td>
<td>34</td>
</tr>
<tr>
<td>Adding Favorites</td>
<td>34</td>
</tr>
<tr>
<td>Adding Groups</td>
<td>34</td>
</tr>
<tr>
<td>MANAGING CALL SETTINGS</td>
<td>35</td>
</tr>
<tr>
<td>Making a Call</td>
<td>35</td>
</tr>
<tr>
<td>Dialing a Number via Contact</td>
<td>35</td>
</tr>
<tr>
<td>Adding Contact from Home Screen</td>
<td>35</td>
</tr>
<tr>
<td>Viewing Call History</td>
<td>35</td>
</tr>
<tr>
<td>Call History Screen</td>
<td>35</td>
</tr>
<tr>
<td>Managing Call Settings</td>
<td>35</td>
</tr>
<tr>
<td>SENDING MESSAGES AND EMAILS</td>
<td>38</td>
</tr>
<tr>
<td>Sending SMS/MMS Message</td>
<td>38</td>
</tr>
<tr>
<td>Managing Message Settings</td>
<td>38</td>
</tr>
<tr>
<td>Deleting Messages</td>
<td>39</td>
</tr>
<tr>
<td>Setting up Gmail Accounts</td>
<td>39</td>
</tr>
<tr>
<td>Sending an E-mail from POP3/IMAP Account</td>
<td>39</td>
</tr>
<tr>
<td>Reading Gmail</td>
<td>39</td>
</tr>
<tr>
<td>SPRINT DIRECT CONNECT PLUS</td>
<td>41</td>
</tr>
<tr>
<td>SONIM SCOUT</td>
<td>42</td>
</tr>
<tr>
<td>Setup</td>
<td>42</td>
</tr>
<tr>
<td>Utilities</td>
<td>42</td>
</tr>
<tr>
<td>Support</td>
<td>42</td>
</tr>
<tr>
<td>USING APPLICATIONS</td>
<td>43</td>
</tr>
<tr>
<td>Camera</td>
<td>43</td>
</tr>
<tr>
<td>Calendar</td>
<td>44</td>
</tr>
<tr>
<td>Clock</td>
<td>44</td>
</tr>
<tr>
<td>Calculator</td>
<td>44</td>
</tr>
<tr>
<td>Sound Recorder</td>
<td>44</td>
</tr>
<tr>
<td>File Manager</td>
<td>45</td>
</tr>
<tr>
<td>SIM Toolkit</td>
<td>45</td>
</tr>
<tr>
<td>Downloads</td>
<td>45</td>
</tr>
<tr>
<td>FM Radio</td>
<td>45</td>
</tr>
<tr>
<td>Mobile Urgent Alerts</td>
<td>46</td>
</tr>
<tr>
<td>REGULATORY INFORMATION- USA MARKET</td>
<td>47</td>
</tr>
<tr>
<td>RF Exposure Information (SAR)</td>
<td>47</td>
</tr>
<tr>
<td>Federal Communication Commission Interference Statement</td>
<td>47</td>
</tr>
<tr>
<td>Fcc caution</td>
<td>47</td>
</tr>
<tr>
<td>industry canada statement (IC: 8090A-PG4032)</td>
<td>48</td>
</tr>
<tr>
<td>INDEX</td>
<td>49</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Safety Guideline</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not use the phone at a refueling point. Observe restrictions when using radio equipment at fuel depots, chemical plants or where blasting operations are in progress.</td>
<td></td>
</tr>
<tr>
<td>Electrical interference may obstruct the use of your phone. Observe restrictions in hospitals and near medical equipment.</td>
<td></td>
</tr>
<tr>
<td>Switch off your cellular phone when in an aircraft. Wireless phones can cause interference or danger to an aircraft. In an aircraft, the phone can be used in flight mode.</td>
<td></td>
</tr>
<tr>
<td>Do not expose the device to high temperatures (in excess of 55°C).</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Avoid using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.</td>
<td></td>
</tr>
<tr>
<td>Use only Sonim XP8800 approved charging equipment to charge your phone and avoid damage to your phone.</td>
<td></td>
</tr>
</tbody>
</table>

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 XP8800 is water-proof and can be submerged to 2 metres for 30 minutes.

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

The Sonim XP8800 is dust-resistant, rugged and shock-resistant. However, it is not dust-proof or unbreakable if subjected to overwhelming impact. For best results and long product life, one should protect the Sonim XP8800 from salt water, dust and strong impacts.
HEARING AID COMPATIBILITY (HAC) REGULATIONS FOR MOBILE PHONES

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

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

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

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

Your phone meets the M4/T4 level rating.

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

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

AVOID HIGH TEMPERATURES

Leaving the device in hot or cold places, such as in a closed car in summer or winter conditions, reduces the capacity and lifetime of the battery. For the best results, try to use the device between -20°C and +55°C (-4°F and 131°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

PERSONAL MEDICAL DEVICES

Mobile phones may affect the operation of cardiac pacemakers and other implanted equipment. Please avoid placing the mobile phone over the pacemaker, for example in your breast pocket. When using the mobile phone, place it at the ear opposite the pacemaker. If a minimum distance of 15 cm (6 inches) is kept between the mobile phone and the pacemaker, the risk of interference is limited. If you suspect that interference is taking place, immediately turn off your mobile phone. Contact your cardiologist for more information. For other medical devices, consult your physician and the manufacturer of the device. Comply with instructions to switch off the device or deactivate the RF transmitter when required, especially when posted in hospitals and aeroplanes. Equipment used in these places may be sensitive to radio waves emitted from the device and adversely affect their operation. Also, observe restrictions at gas stations or other areas with flammable atmosphere or when close to electro-explosive devices.
CHILD SAFETY
Do not allow children to play with your mobile phone or its accessories. Keep it out of their reach. They could hurt themselves or others, or could accidentally damage the mobile phone or accessories. Your mobile phone and its accessories may contain small parts, which could be detached and create a choking hazard.

EMERGENCY CALLS
Mobile phones operate using radio signals, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any mobile phone for essential communications (e.g. medical emergencies). Emergency calls may not be possible in all areas, on all cellular networks, or when certain network services and/or mobile phone features are in use. Check with your local service provider.

WARNING

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

BATTERY SAFETY WARNING FOR IEEE1725

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system as per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Promptly dispose of used batteries in accordance with local regulations.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard. Only authorized service providers shall replace battery. (If the battery is non-user replaceable).
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.

CHARGING SAFETY WARNING

- The equipment shall only be charged when in the non-hazardous area using a charger specifically supplied for use with the unit USB cable and AC charger S42A02(US plug)/ S42A00(EU plug)/ S42A01(UK plug).
- DC5 V/2A pin recommend to use charger with SELV function.
BATTERY USAGE

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

- Use only a Sonim XP8800 certified battery that is designed for this phone model.
- The use of other batteries may void the warranty terms of your phone and cause damage.
- It is recommended to protect the battery from extreme temperature environments and moisture.
- Please keep the battery out of the reach of children.

INSERTING THE BATTERY

1. UNSCREW COVER
   To open the battery cover, rotate the battery cover screw in a counter clockwise direction. Sometimes, the battery cover may be tight and some extra effort is required to open it. You can use the screwdriver provided to open the screw.

2. LIFT THE COVER
   Lift the back cover to reveal the battery slot.

3. INSERT BATTERY
   Insert the battery and flush into the battery slot such that the metallic contacts at the bottom of the battery are aligned with the metallic contacts within the battery compartment.

4. CLOSE COVER
   Close the battery cover. Rotate the battery cover screws in clockwise direction. You can use the screwdriver provided to tighten the screws. Ensure not to over-tighten the screws.

DISPOSAL OF BATTERY

Please check local regulations for disposal of batteries. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

CHARGING THE BATTERY

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

We recommend that you charge your mobile for 2.5 hours approximately or till the battery percentage is 100% before you use your mobile phone for the first time.

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

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

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

WARNING

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

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

2. CONNECT TO THE PHONE
   The charging port is located at the bottom of the phone and covered with the lid. Open the lid and insert the charging connector to the charging port.
3. **CHARGING ANIMATION/ICON**

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

**VERIFYING AND OPTIMIZING BATTERY USAGE**

You can check the battery usage status and also close some applications to save battery power. In the all application screen, select **Settings (設定) > Device > Battery (電池)**.

The current battery level (charging or approx. days/time left) is displayed on the middle of the screen. The discharge graph shows the battery level over time since you last charged the device, and how long you have been running on battery power.

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

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

---

**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 > Personal > Location**.
- Set screen brightness to **Low** and set a shorter Sleep timeout (15 seconds). The display settings are located in **Settings > Device > Display**.
- If you are travelling and do not have access to mobile data or Wi-Fi network, switch to Airplane mode. Select **Airplane mode** from **Quick settings**.
YOUR SIM/MEMORY CARD

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

REMOVING THE BACK COVER

1. UNSCREW COVER
   To open the battery cover, rotate the battery cover screw in an counter clockwise direction.

REMOVING THE BATTERY

1. UNSCREW COVER
   After removing the battery cover, remove the battery by using Sonim screw driver tool.

2. LIFT THE COVER
   Lift the back cover to reveal the battery slot.

3. USE SONIM SCREWDRIVER
   You can use the Sonim provided screwdriver tool to open the screws.

INSERTING THE SIM CARDS

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

2. LIFT THE COVER
   Remove the battery cover and the battery.

3. INSERT SIM CARD 1
   Slide the silver clip and insert the SIM card in SIM1 slot and lock the silver clip.

4. INSERT SIM CARD 2
   Slide the silver clip and insert the SIM card in SIM 2 slot and lock the silver clip.
INSERTING MEMORY CARD

1. SLIDE THE SILVER CLIP
   Slide (push backward) and lift the silver clip over the designated slot.

2. PLACE THE MEMORY CARD
   Place the memory card in the designated slot and close the silver clip.

3. USE SONIM SCREWDRIVER
   You can use the Sonim provided screwdriver tool to open the screws.
GETTING STARTED

WHAT IS IN THE BOX?
The list of items in the Sonim XP8 phone box are:

- Sonim XP8 phone
- Battery
- Quick Start Guide
- Screw Driver
- Type C Cable
- Quick Charger

PHONE SPECIFICATIONS

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FEATURE</strong></td>
<td><strong>DESCRIPTION</strong></td>
</tr>
<tr>
<td>Chipset</td>
<td>Qualcomm SDM630, Octa core 64bits processor</td>
</tr>
<tr>
<td>Band</td>
<td><strong>LTE:</strong> 1/2/3/4/5/7/8/12/13/14/20/25/26/27/28/29/30/38/39/40/41/B66</td>
</tr>
<tr>
<td></td>
<td><strong>UMTS:</strong> B1/B2/B4/B5/B8</td>
</tr>
<tr>
<td></td>
<td><strong>GSM:</strong> 850/900/1800/1900MHz</td>
</tr>
<tr>
<td></td>
<td><strong>CDMA:</strong> BC0/BC1/BC10</td>
</tr>
<tr>
<td>Antenna</td>
<td>2X Rx / 1X Tx antenna for LTE</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>Dual bands (2.4G/5G) 802.11 a/b/g/n/ac/e/k/r/h with hotspot</td>
</tr>
<tr>
<td></td>
<td>Wi-Fi Direct (Miracast™)</td>
</tr>
<tr>
<td>Memory</td>
<td>64GB eMMC 5.1/ 4GB LPDDR4x</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>BT5.0/BLE (Low Energy)</td>
</tr>
<tr>
<td>Languages Supported</td>
<td>English and Spanish</td>
</tr>
<tr>
<td>Capacity(mAh)</td>
<td>4900 mAh, removable Li-ion</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Standby: up to 653 hours</td>
</tr>
<tr>
<td></td>
<td>Talk time: up to 22 hours</td>
</tr>
<tr>
<td></td>
<td>Music playback: up to 11 hours</td>
</tr>
<tr>
<td></td>
<td>Video playback: up to 16 hours</td>
</tr>
<tr>
<td></td>
<td>Web browsing: up to 19 hours</td>
</tr>
<tr>
<td><strong>CONNECTIVITY</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DISPLAY</strong></td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td>5” 1080p with outdoor visibility &amp; low power consumption</td>
</tr>
<tr>
<td>Outdoor Visibility</td>
<td>Yes</td>
</tr>
<tr>
<td>Color</td>
<td>16.7 M</td>
</tr>
<tr>
<td>Brightness</td>
<td>500 nits</td>
</tr>
<tr>
<td><strong>AUDIO</strong></td>
<td></td>
</tr>
<tr>
<td>Microphone</td>
<td>3 Mics with noise cancellation</td>
</tr>
<tr>
<td>Speaker</td>
<td>Dual front facing ultra-loud speaker</td>
</tr>
<tr>
<td></td>
<td>HD voice support</td>
</tr>
<tr>
<td>Receiver</td>
<td>Receiver Compliant HAC; HD voice support</td>
</tr>
<tr>
<td><strong>MULTIMEDIA</strong></td>
<td></td>
</tr>
<tr>
<td>Audio Formats</td>
<td>AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3</td>
</tr>
<tr>
<td>Video Formats</td>
<td>3GP, MP4, WMV, AVI, MOV, MPEG-2, MPEG-4,H.263, H.264, H-265</td>
</tr>
<tr>
<td>Image Formats</td>
<td>JPEG</td>
</tr>
<tr>
<td>Graphic Formats</td>
<td>JPEG, PNG, and BMP</td>
</tr>
<tr>
<td>FM Radio</td>
<td>Yes</td>
</tr>
<tr>
<td>Camera</td>
<td>12MP Front camera Auto focus with low light sensor</td>
</tr>
<tr>
<td></td>
<td>8MP Rare camera with fix focus</td>
</tr>
<tr>
<td>LED Torch Light</td>
<td>Reuse with camera flash LED</td>
</tr>
<tr>
<td><strong>PHYSICAL CHARACTERISTICS</strong></td>
<td></td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-20°C to +55°C</td>
</tr>
</tbody>
</table>
1. Sonim XPand Connector
2. USB-C
3. Volume Up / Down
4. Power ON Button
5. PTT Button
6. Display
7. App Tray
8. Speakers
9. Back Button
10. Home Button
11. Microphone
12. Recent Button
13. Google Search Bar
14. Battery Level Indicator
15. Front Camera
16. LED Notification
17. Receiver
18. Notification Bar
19. Alarm (Mobile Urgent Alert) Key
20. Yellow (Programmable) Key
21. Sonim SecureAudio Connector
22. Memory Card Slot Under Battery
23. SIM Card Slots under Battery
24. Back Cover Screw
25. Battery Cover
26. Rear Facing Camera
27. Torch/Flash Light
28. Microphones
SWITCHING ON THE PHONE
Press and hold **Power** button for 2 seconds.

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

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

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

The first time you turn on your device, it will take you through the steps to get the set up. You will be prompted to do the following:

1. Choose the language you want your phone to use.
2. Connect to a Wi-Fi network or your cellular data network.
3. Sign-in with your Google Account.
   If you have Gmail account, use the same e-mail address and password to sign-in. By signing in, all your e-mail, contacts, calendar events, and other data associated with that account will be synced to your phone. If you have more than one Google Account, you can add them later.

If you do not have a Google Account, you can create one during the setup process. You can also skip this step and create later.

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

Device comes equipped with pre-installed screen protector for added protection.

KEY DESCRIPTION
The navigation keys are located below the display screen.

<table>
<thead>
<tr>
<th>ICONS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back:</td>
<td>Opens the previous screens in the working sequence till the home screen is displayed. Once the home screen is displayed it will remain there even when you press the back key.</td>
</tr>
<tr>
<td>Home:</td>
<td><strong>Short press on any app</strong>: Shows the home screen. <strong>Long press</strong>: From Home screen/App screen, Google Assistant screen is displayed.</td>
</tr>
<tr>
<td>Recent:</td>
<td><strong>Short Press</strong>: Opens a list of thumbnail images of apps you have worked on recently. To open an app, touch it. To remove any application from this list, swipe the application to left or right. <strong>Double press</strong>: From home screen, launches Wallpapers, Widgets, Settings and home screens.</td>
</tr>
</tbody>
</table>
NOTIFICATION BAR ICONS

The icons displayed at the top of the screen provide information about the status of the device. The details such as date and time, battery charge status, and data service (and operator name) 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.

<table>
<thead>
<tr>
<th>ICONS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>📈</td>
<td>Battery level indicator</td>
</tr>
<tr>
<td>🚁</td>
<td>Battery charging in progress</td>
</tr>
<tr>
<td>📡</td>
<td>No signal</td>
</tr>
<tr>
<td>🔢</td>
<td>Signal strength</td>
</tr>
<tr>
<td>📡</td>
<td>No SIM card</td>
</tr>
<tr>
<td>🌍</td>
<td>Roaming</td>
</tr>
<tr>
<td>🌐</td>
<td>4G LTE network connected</td>
</tr>
<tr>
<td>🌐</td>
<td>HSPA or UMTS network connected</td>
</tr>
<tr>
<td>🌐</td>
<td>3G network connected</td>
</tr>
<tr>
<td>🌐</td>
<td>EDGE network connected</td>
</tr>
<tr>
<td>☑️</td>
<td>Wi-Fi connected</td>
</tr>
<tr>
<td>🔴</td>
<td>Bluetooth activated</td>
</tr>
<tr>
<td>✉️</td>
<td>Call in progress</td>
</tr>
<tr>
<td>☎️</td>
<td>Call forward (only if Always forward is enabled)</td>
</tr>
<tr>
<td>📨</td>
<td>New E-mail</td>
</tr>
<tr>
<td>🎧</td>
<td>FM Radio</td>
</tr>
<tr>
<td>📡</td>
<td>Error/information notification - attention required</td>
</tr>
<tr>
<td>📀</td>
<td>Screenshot captured</td>
</tr>
<tr>
<td>🔉</td>
<td>Music is played</td>
</tr>
<tr>
<td>📡</td>
<td>Device storage space is running out</td>
</tr>
</tbody>
</table>

PHONE OPERATIONS WITHOUT SIM CARD

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

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

SETTING UP AND USING LOCK SCREEN

You must lock your phone to protect it from unauthorized access.

- From Home screen, tap on System settings or select Menu > Settings ( ).
- Scroll down and select Security ( ) , located under Personal settings.
- Select Screen lock and select one of the following options to configure phone:
  - None: Disables the screen lock.
  - Swipe: When the screen is locked, slide your...
finger from bottom to top to unlock it.

- **Pattern:** When 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 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 the phone is locked, unlock it using the password. When the phone screen is locked, you can answer an incoming call, without unlocking the screen.

**CHANGING THE WALLPAPER**

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

- Long tap on **Home screen > Wallpapers.** Select **Wallpapers** from the pop-up.
- **My photos:** includes photos and screenshots taken using the phone’s camera.
- **Wallpapers:** Tap on **System settings > Display > Wallpapers.** It includes images that are pre-loaded with the phone.

**CAPTURING A SCREENSHOT**

You can take the screenshot of the current screen and stored in your phone’s photos. To take a screenshot:

1. Ensure that the image to be captured is displayed on the current screen.
2. Press the **Power** and **Volume** down button simultaneously. The screenshot is captured and stored in the **Photos > Screenshots** folder. A screen **Capture ( )** icon is also displayed on the notification bar.
SUGGESTIONS
Your Android device offers suggestions and reminders about the features and you can easily remove them from the Settings.

PAY FASTER WITH GOOGLE
You can save payment information to your Google account for easier online checkout process.

SET DO NOT DISTURB SCHEDULE
You can set your device on Silent mode at certain. You can add a rule by tapping on Add rule (＋).

CHANGE WALLPAPER
You can choose the wallpaper from Live Wallpapers, Photos and Wallpapers.

USE FINGERPRINT
You can unlock your device using your fingerprint. You have to register your fingerprint to lock and unlock your device.

ONBODY DETECTION
Toggle Onbody detection to keep your device unlocked while it’s on you. It uses accelerometer and other sensors to keep your device unlocked when it detects that the device is carried in your hand, pocket or bag.
WIRELESS & NETWORKS SETTINGS

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

1. From Notifications or App screen, tap on Settings ( Abed ) > Wireless & networks > Wi-Fi ( ).
2. Set the Wi-Fi to ON using toggle button located under Wireless & networks settings.
   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. Touch and hold the network from the list.
2. Tap on Connect to network.
3. Enter the password and tap on Connect.
   You get connected to the network.

MODIFY NETWORK

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

FORGET NETWORK

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

If you have to get connected to the same network, enter password.

WRITE TO NFC TAG

1. Touch and hold the connected network.
2. Select Write to NFC tag.
3. Enter the Password to set up Wi-Fi NFC tag.

ADVANCED

On the Wi-Fi screen, tap Option ( Abed ) > Advanced. The following options are displayed:

- Install certificates: You can browse a certificate for installation.
- Wi-Fi Direct: Tap on Wi-Fi Direct to search for the peer devices and also select Rename device to rename the device.
- WPS Push Button: Press the WPS Push Button in your router, when prompted.
- WPS Pin Entry: Enter the given PIN number on your Wi-Fi router.

BLUETOOTH

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

Using Bluetooth, you can perform the following tasks:

- Transfer media files and contacts between mobile devices connected using Bluetooth.
- Access Internet through a Bluetooth device.
- Use Bluetooth connected headphones for playing media file.

PAIRING A BLUETOOTH DEVICE

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

1. From Notifications or App screen, tap on Settings ( Abed ).
2. Select or tap on Bluetooth located under Wireless & networks settings.
3. Enable the toggle button to turn ON Bluetooth. Available devices are listed.
4. Tap on Option ( Abed ) > Refresh to view more available devices. A list of accessible Bluetooth devices are displayed.
5. Tap on your preferred device.
6. Select Pair in your device after comparing the pairing codes between your device and the other device.
   The device is displayed in Paired devices list.
RENAME THIS DEVICE
1. From the Bluetooth screen, tap on Option (⋮) > Rename this device to rename the selected device.
2. Enter the name and tap on RENAME.

SHOW RECEIVED FILES
From the Bluetooth screen, tap on Option (⋮) > Show received files to view the received files.
The received files are listed.

CARKIT AUTO-PAIRING
1. From the Bluetooth screen, check Option (⋮) > CarKit Auto-Pairing.
2. Select Yes as phone automatically connects to the carkit on connecting to dock.

DATA USAGE
Data usage refers to the amount of data utilized by your phone during data transfers through the Internet. The data usage charges are dependent of the wireless plan provided by your service provider.
To monitor your data usage, adjust your data usage settings.
1. From Notifications or App screen, tap on Settings (⚙️).
2. Tap on Data usage (📊), which is located under Wireless & networks settings.
3. Under Usage, you can view the data usage for a particular time frame.
4. Turn on Data saver to access unrestricted data.
5. Select Wi-Fi > Wi-Fi data usage to check the data usage for a particular time frame.
6. Tap on Network restrictions to view the metered networks listed.

MORE

AIRPLANE MODE
When your phone is set in airplane mode, network connectivity or mobile data connectivity is disabled. But you can access your camera, media files and other features that do not require mobile data connectivity.
To activate airplane mode:
1. From Notifications or App screen, tap on Settings (⚙️).

3. Turn on Airplane mode.

NFC
When 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 smartphone, to establish communication by bringing them within 4 cm of each other.
1. From Notifications or App screen, tap on Settings (⚙️).
2. Tap on More located under Wireless & networks settings. Turn on NFC to allow data exchange when the phone touches another device.

VOICE NETWORKS
1. From Notifications or App screen, tap on Settings (⚙️).
2. You can select the preferred network type for voice calls.
   • Wi-Fi calling: Use Wi-Fi networks for voice calls.

ANDROID BEAM
1. From Notifications or App screen, tap on Settings (⚙️).
2. Tap on More located under Wireless & networks settings. Turn ON to beam app content to another NFC capable device by holding the devices close together.

TETHERING & PORTABLE HOTSPOT
Using tethering and portable hotspot, you can share your device’s network connection with a computer or other devices, via USB, Wi-Fi, or Bluetooth.
To activate USB Tethering:
1. From Notifications or App screen, tap on Settings (⚙️).
4. Turn on USB tethering.

PORTABLE WI-FI HOTSPOT
When you setup your phone as a Wi-Fi hotspot, you can connect other devices to this phone through Wi-Fi and access the Internet.
To activate USB Tethering:
1. From Notifications or App screen, tap on Settings (⚙️).
4. Select Portable Wi-Fi hotspot.
5. Select Set up Wi-Fi hotspot to set up a mobile hotspot.
7. Enable Portable Wi-Fi hotspot.

BLUETOOTH TETHERING
When the Bluetooth Tethering is activated, you can share your phone’s Internet connection with the other Bluetooth paired devices.
1. From Notifications or App screen, tap on Settings ( ☰ ).
3. Tap on Tethering & Portable hotspot.
4. Enable Bluetooth Tethering.

VPN
1. From Notifications or App screen, tap on Settings ( ☰ ).
2. Select Wireless & Networks > More > VPN.
3. Tap on the icon ( ⚡ ) to add a new VPN profile.
4. In Edit VPN profile screen, enter the Name, Type (select from the drop-down list), and the server address.
5. Enter Username and password.
6. Select Save.

CELLULAR NETWORKS
1. From Notifications or Apps menu, tap on Settings ( ☰ ) > Wireless & networks settings > More.
• Tap on Preferred network type and the following options are displayed:
  • Global
  • LTE/CDMA
  • LTE/GSM/UMTS
• Access Point Names: Tap on Access Point Names (APN) to view and edit the network access points. Tap Add network ( ☰ ) to add a new access point.
• Network operators: Tap on Network operator to view and modify your network operator from the list of available networks.

ROAMING
You can activate roaming when you are outside your home network.
1. From Notifications or Apps menu, tap on Settings ( ☰ ) > Wireless & networks settings > More > Roaming.
The following options are displayed:
• Roaming Mode: You can set the Roaming mode to Sprint Only or Automatic.
• Roaming Settings:
  • Domestic: If Domestic Voice is checked, If Domestic Data is checked, it allows you to decide if you want to allow your phone to use data while roaming.
  • International: If International Voice is checked, If International Data is checked, you can use data while you are on international roaming.
• Roaming Guards: Roaming guard notifies you when you are using voice, data, or messages services while roaming domestically and/or internationally.

NETWORK SETTINGS RESET
1. From Notifications or Apps menu, tap on Settings ( ☰ ) > Wireless & networks settings reset.
3. Select RESET SETTINGS.
It reset all the network settings including Wi-Fi, Cellular data and Bluetooth.
MANAGING DEVICE SETTINGS

DISPLAY

1. From **Notifications** or **App** screen, tap on **Settings (_accounts) > Device > Display ( )**.
2. Set one of the following options to configure your phone’s display:
   - **Brightness level:**
     - **Adaptive Brightness:** Set the brightness of the phone display. This also optimizes the battery power consumed.
   - **Show network operator:** If enabled, shows network name on the status bar.
   - **Wallpaper:** Set the wallpaper for your **Home screen**, **Lock screen**, and **Home screen and lock screen**. You can select from one of the following wallpaper collections:
     - **Live Wallpapers:** Includes wallpapers which are animated.
     - **Photos:** Includes photos and screenshots taken using the phone’s camera and also the downloaded images.
     - **Wallpapers:** Includes images that are pre-loaded with the phone.
   - **Sleep:** Set the sleep time so that the screen brightness is turned down after specified time of phone inactivity. This setting also optimizes the battery power.
   - **Screen saver:** You can set any of the application as a screen saver. You can use a screensaver when your phone is charging.
   - **Ambient Display:** If enabled, the screen display will be active when you receive a notification.
   - **Font size:** Set the font size of the text displayed in the screen.
   - **Display size:** You can set the items on your screen smaller or larger. Some apps on your screen might change position.
   - **One handed operation:** If enabled, you can use one hand to dial a number or unlock the device.
   - **When device is rotated:** You can either rotate the contents of the screen or stay in current orientation.
   - **Cast:** You can cast your screen from your device. Connect your device to the same Wi-Fi network as your Miracast™ or TV. Tap on **Option ( ) > check the box next to Enable wireless display.**

NOTIFICATIONS

1. From **Notifications** or **App** screen, tap on **Settings ( ) > Device > Notifications ( )**.
2. Tap on **All apps** drop-down list.
3. You can set the notification on the following rules:
   - All apps
   - Blocked
   - Shown silently
   - No sensitive content on lock screen
   - Never shown on lock screen
   - Overrides Do Not Disturb
4. Tap on **Settings**. The following options are displayed:
   - Pulse LED light
   - Flash notification alert
   - On the lock screen

SOUND

1. From **Notifications** or **App** screen, tap on **Settings ( ) > Device > Sound ( )**.
2. **Media volume:** Adjust the media volume as per your requirement.
3. **Alarm volume:** Adjust the alarm volume as per your requirement.
4. **Ring volume:** Adjust the ring volume as per your requirement.
5. **Also vibrate for calls:** Enable this option to set the device on vibrate during calls.
6. **Increase ringtone:** Enable this option to increase the ringtone gradually.
7. **Hac mode:** Enable this option to make your device hearing aid compatible.
8. **FENS:** Enable this option to reduce the noise cancellation.
9. **Do not disturb:**
   - **Priority only allows:**
     - **Alarms:** This option is greyed out.
     - **Reminders:** Enable this option to set the reminders.
     - **Events:** Enable this option to pop-up the events.
     - **Messages:** You can set the priority for the messages based on From anyone, From contacts only, From starred contacts only, and None.
   - **Calls:** You can set the priority for the calls based on From anyone, From contacts only, From starred contacts only, and None.
   - **Repeat callers:** Enable this option allow a person to call for the second time within a 15 minutes period.
   - **Automatic rules:** You can add a new rule for Event or Time.
14. **Other sounds:** Turn ON the following options to get the sound:

- Keypad sounds
- Dial pad tones
- Screen locking sounds
- Touch sounds
- Vibrate on tap

15. **Cast:** You can cast your screen from your device. Connect your device to the same Wi-Fi network as your Miracast™ or TV. Tap on Option ( ) > check the box next to Enable wireless display.

### APPS

1. From **Notifications** or **App** screen, tap on **Settings** ( ) > **Device** > **Apps** ( ).

2. Select **All apps** drop-down list. You can select any of the following options:
   - All apps
   - Enabled
   - Disabled

3. Select the required app from the list. Open the app and select **FORCE STOP**.

4. On the **Apps** screen, tap on **Options** ( ). The following options are displayed:
   - Show system
   - Reset app preferences

5. Tap the icon ( ) on **Apps** screen. **Configure apps** window is displayed. The following options are displayed:
   - **App permissions:** The list of apps with the permissions are displayed.
   - **Default:** The assigned default apps are displayed.
   - **Advanced:** Displays the list of **Special access**.

### USB POWER SAVING

1. From **Notifications** or **App** screen, tap on **Settings** ( ) > **Device** > **USB Power Saving** ( ).

2. **Automatic Power ON:** If enabled, the device gets automatically power ON when the USB is connected.

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

1. From Notifications or App screen, tap on Settings (_reduce) > Device > Storage (> ).
2. On Internal shared storage, the following options are displayed with memory used for each app:
   - Shows the used memory
   - Apps
   - Images
   - Videos
   - Audio
   - System
   - Other
   - Cached data
   - Explore
3. Memory used by apps to check the memory used for each application for the set time frame.

BATTERY

1. From Notifications or App screen, tap on Settings (_reduce) > Device > Battery (> ).
2. Set the Battery saver ON by selecting the option given for Turn on automatically:
   - Never
   - at 5% battery
   - at 15% battery
   - Battery saver turns off automatically when your device is charging.
   - You can also view the battery usage data.
3. Enable Show battery percentage to view the battery level percentage inside the status bar.
4. Use since last full charge:
   - Tap on Screen. The following options are displayed:
     - Adjust power use: You can adjust the screen brightness and screen timeout.
     - Use details: The details such as Time on and Computed power use are displayed.
   - On the Battery screen, tap on Refresh icon (< ) to refresh the battery level percentage.
   - On the Battery screen, tap on Option ( ) > Battery optimization. From the drop-down list, you can select All apps or Not optimized apps.
   - On the Battery optimization screen, tap on Option ( ) > Reset app preferences.

MEMORY

1. From Notifications or App screen, tap on Settings (_reduce) > Device > Memory (> ).
2. Go to Memory and select the time from the drop-down list. You can view the applications usage based on the set time frame.
3. Select Memory used by apps to check the

USERS

1. From Notifications or App screen, tap on Settings (_reduce) > Device > Users ( > ).
2. Tap on You (owner). Change the Profile info and tap on OK.
3. Tap on Guest > Settings ( ) and enable Turn on phone calls.
4. Tap on Add user (+). You can set up a new user. You have three users listed: You (owner of the device), New user, and Guest.
5. Tap on Lock screen settings.
   - Add users: Turn on this option to add user when the device is locked.
   - Emergency information: Tap on Info tab and enter the following details. These details belongs to the owner of the device:
     - Name
     - Address
     - Blood type
     - Allergies
     - Medications
     - Organ donor
     - Medical notes
   - Tap on Contacts > Add contact (+). Choose a contact from the phonebook to set as an emergency contact. Tap on Option ( ) Clear all to clear all the data.

TAP & PAY

1. From Notifications or App screen, tap on Settings (_reduce) > Device > Tap & pay ( ).
2. Tap on Payment default and select Google Pay.
3. Tap on Use default and select either one of the options as per your requirement:
   - Except when another payment app is open
   - Always
4. Tap on Option ( ) > How it works to know more about the feature’s functionality.

GESTURES

1. From Notifications or App screen, tap on Settings (_reduce) > Device > Gestures ( ).
2. Turn on Jump to Camera to quickly open camera. Press the power button twice. This works from any screen.
3. Enable Toggle Torch to quickly toggle torch, double-shake the device twice.
MANAGING PERSONAL SETTINGS

LOCATION
You can enable and configure the Location settings.

1. From Notification or App screen, tap on Settings ( ⚙️) > Personal.
2. Select Location ( 🌍). Enable and modify required location settings.
3. Set the Mode to one of the following options:
   • **High accuracy**: Uses AGPS, Wi-Fi, mobile networks to determine location.
   • **Battery saving**: Uses Wi-Fi and cellular networks to determine location.
   • **Device only**: Uses GPS to determine location.
4. Under Location services, the following options are displayed:
   • **Accelerated Location**: Tap on Agree to improve location performance and battery saving.
   • **Google Location History**: Turn ON the location history:
     • **This device**: Turn on to view the last reported location date.
     • **Other devices on this account**: The other devices which are connected via Bluetooth are listed here and the date of the last location is also reported.
   • Tap on Manage Timeline to manage the time based on your location history.
   • **Google Location Sharing**: On Location Sharing screen, tap on Share your real-time location button ( ⬇️). The following options are displayed when you login to the Maps application and share your real-time location:
     • **For 1 hour**: You can increase or decrease the time using + or - options to share your real-time location. Minimum time is 15 minutes and the maximum is three days.
     • **Until you turn this off**: If you enable this option, until you turn it ON, you cannot share your real-time location.
     • **Stop sharing**: If this option is selected, the location sharing is stopped.
   • Tap on Save to save the settings.
5. Check the option Use assisted GPS to use server to assist GPS. Uncheck to reduce the network usage.
6. You can view the apps which have requested location recently under Recent location requests.
7. On Location screen, tap on More ( ☑️) > Scanning. The following options are displayed:
   • **Wi-Fi scanning**: Turn ON this option to improve location by allowing system apps and services to detect Wi-Fi networks at any time.
   • **Bluetooth scanning**: Turn ON this option to improve location by allowing system apps and services to detect Bluetooth devices at any time.

SECURITY
You can activate and protect your phone from unauthorized access by configuring the security settings.

1. From Notification or App screen, tap on Settings ( ⚙️) > Personal > Security ( ⚜️).
2. Select Device security > Screen lock and select one of the following options to configure the phone:
   • **None**: Disables the phone lock.
   • **Swipe**: When the phone is locked, swipe the screen upwards to unlock it.
   • **Pattern**: When enabled, enter your own pattern. When the phone is locked, unlock it using the pattern.
   • **PIN**: When enabled, enter your own PIN value. When the phone is locked, unlock it using the PIN.
   • **Password**: When enabled, enter your own password. When the phone is locked, unlock it using the password.
   When the phone is locked, you can answer an incoming call, without unlocking the phone.
   Tap on Settings ( ☑️) on the right of the screen lock and the following options are displayed:
   • **Make pattern visible**: You can toggle this option to make the pattern visible.
   • **Automatically lock**: When the security is set to pattern/PIN/password, you can set any of the following time frame to lock the device automatically: Immediately, 5 seconds, 15 seconds, 30 seconds, 1 minute, 2 minutes, 5 minutes, 10 minutes, and 30 minutes
   • **Power button instantly locks**: Power button instantly locks the device when this option is toggled.
   • **Lock screen message**: You can enter the message and the same is displayed on the screen when the phone is locked.
   • **Fingerprint**: User can set Fingerprint to secure the device.
   • **Smart Lock**: Keep your device unlocked in the following scenarios:
     • On-body detection
     • Trusted places
     • Trusted devices
• Trusted face
• Voice Match
On Smart Lock screen, tap on Option ( ) > How it works. The information on Smart lock is displayed.

Tap on Help, the Google support window is displayed. You can check for the required information.

3. Encryption: By default, the phone is already encrypted.

4. SIM card lock: Select Set up SIM card lock to view the SIM card lock settings.
   • Lock SIM card: You can set required PIN to use the phone.
   • Change SIM PIN: You can change the SIM PIN.

5. Enable Make password visible option to view the password characters.

6. Device administration:
   • Device administrators: You can view or deactivate/activate the device administrator.
   • Unknown sources: When enabled, it allows installing the apps from unknown sources.

7. Credential storage:
   • Storage type: Displays the storage type.
   • Trusted credentials: You can view and verify the system and user certificates.
   • User credentials: You can view and modify stored credentials.
   • Install from SD card: You can view and install new user certificates from SD card.
   • Clear credentials: You can remove all certificates.

8. Advanced:
   • Trust agents: To use this option, a screen lock should be set.
   • Screen pinning: Turn on to use screen pinning to keep the current screen in view until you unpin.
   • Apps with usage access: Select the app and toggle the option to enable/disable the Permit usage access.

ACCESSORIES
1. From Notification or App screen, tap on Settings ( ) > Personal > Accessories ( )
2. Tap on CSM Settings.
3. Turn on CSM settings to select any application to get CSM events.
4. You can also register CSM application.

PROGRAMMABLE KEYS
You can assign any application to the programmable key.

1. From Notification or App screen, tap on Settings ( ) > Personal > Programmable keys ( ).
2. You can program any application for the following keys:
   • Select PTT Key app
   • Select YELLOW Key app
   • Select ALARM Key app

ACCOUNTS
1. From Notification or App screen, tap on Settings ( ) > Personal > Accounts ( ).
2. Tap on Add account ( ).
3. You can add different accounts to your account.
4. Tap on Option ( ) and check Auto-sync data to sync the data automatically.

GOOGLE
1. From Notification or App screen, tap on Settings ( ) > Personal > Google ( ).
2. Under My Account, the following options are displayed:
   • Sign-in & security: You can sign-in to your Google account and perform security check.
   • Personal info & privacy: Your personal information such as Name, Photo, Email, and Phone number are displayed. You can do the privacy check.
   • Account preferences:
     • Payments: You can review your purchase history and the payment methods used are stored in your account in Google payments center.
     • Subscription: Manage subscriptions you pay for or access through Google.
     • Other preferences: You can set the Language. You can view the Google Drive storage usage. You can also delete individual Google services like Gmail from your account in Delete Google services.
3. You can view different services under Services.
4. Tap on Option ( ) and the following options are displayed:
   • Clear app data
   • Usage & diagnostics
   • Open source licenses
   • Show debug items
   • Help & feedback

LANGUAGES & INPUT
You can set the phone’s language to any of the languages displayed in the language list.
1. From Notification or App screen, tap on Settings
2. Tap on Languages and select any language from the list as your preferred language.
   - **Default language:** You can set English as a default language.
   - **Add a language:** The following languages can be set as a Suggested language:
     - English (United States)
     - Español (Estados Unidos)
   All the menu items and user feedback messages will get displayed in the set language.
   - **All languages:** All the languages are listed. You can select any of the required language and it is added to the list.
   - **Search:** Tap on Search icon ( ) to search a language.

3. Tap on Spell checker. Turn On the Spell checker.
   - **Languages:** Set English as System languages or select any other language from the list.
   - **Default spell checker:** You can select either Indic English spell checker or Google spell checker for spell checking.
   Tap on Settings ( ) and check the option Look up contact names. Spell checker uses first and last names from your contacts.

4. **Personal Dictionary:** The default keyboard input language is set to English (US)/Latin Spanish. This cannot be modified. You can add a custom word and shortcut also to the personal dictionary.

5. The following options are displayed under Keyboard & input methods.
   - **Virtual keyboard:**
     - Google keyboard: You can use Google keyboard which is multilingual typing.
     - Google voice typing: You can use Google voice typing for entering the text instead of using the keyboard.
     - Manage keyboards: You can enable different keyboards.
   - **Physical keyboard:**
     - Show virtual keyboard: Enable this option to keep it on screen while physical keyboard is active.
     - Keyboard shortcuts helper: Displays available shortcuts.

6. The following options are displayed under Speech.
   - **Text-to-speech output:** The Preferred engine is set to Google Text-to-speech engine. To change the Google Text-to-speech engine settings, tap on Settings ( ) provided next to the engine.
   - **General:**
     - Tap on Speech rate to set the speech input rate to a comfortable speed.
     - Tap on Pitch to set the pitch rate.
     - **Reset speech rate:** Reset the speed at which the text is spoken to normal.
     - **Reset speech pitch:** Reset the pitch at which the text is spoken to default.
     - **Listen to an example:** Play a short demonstration of speech synthesis.
     - **Default language status:** Displays the language set for speech output.

7. Under Mouse/trackpad, the following option is displayed:
   - Minimize or Maximize the Pointer speed as per comfort level.

---

**BACKUP & RESET**

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

To backup your data,

1. From Notification or App screen, tap on Settings ( ) > Backup & reset ( ).
2. Tap on Back up my data. Turn ON to automatically back up device data and app data remotely.

   - **Without SD card, the user cannot take device back-up.**

3. Tap on Backup account. You can set a backup account. Tap on Add account ( ) to add a new account.
4. Turn on Automatic restore to reinstall an application, restore backed up setting and data.
5. **Factory data reset:** Tap on Factory data reset to erase all data from your phone’s internal storage, including
   - Your Google account
   - System and app data and settings
   - Downloaded apps
   - Music
   - Photos
   - Other user data
   You are currently signed into the following accounts:
   - **Personal:**
     - Google account
     - Other Third party applications
     - Tap on RESET PHONE to reset the device. A message is displayed; Erase all your personal information and downloaded apps? You can’t
undo this action.

- Tap on **ERASE EVERYTHING** to erase all the data.
MANAGING SYSTEM SETTINGS

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

1. From Notification or App screen, tap on Settings () > System > Date & time ().
2. Select the following options to configure phone:
   - To synchronize the date and time with the network provided time, enable Automatic date & time.
   - To synchronize the time zone with the network provided time zone, enable Automatic time zone.
   - To set the date manually, select Set date. Scroll and select the date, month and year. Tap on OK.
   - To set the time manually, select Set time. Scroll and select the hour and minute. Tap on OK.
   - To set the time zone, select Select time zone. Scroll and select your time zone.
   - To set the clock to 24-hour format enable Use 24-hour format. By default, the phone is set to 12-hour format.

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

1. From Home screen or App screen, tap on Settings () > System > Accessibility ().
2. The following options are displayed under Services:
   - SCOUT by AetherPal: Enable the privacy feature of Remote Management Service by moving the toggle to ON.
   - Talkback: When Talkback is enabled, it helps vision-impaired users interact with their devices. It uses spoken word, vibration and other audible feedback to let you know what is on your screen.
   - Select to Speak: When Select to Speak is on, you can tap specific items on your screen to hear them read aloud.
   - Switch Access: Turn on to let people with motor impairments control phones and tablets using one or more switches. Use switches to select items, scroll, enter text, and more.
3. Select System.
   - Captions: When Captions is ON, you can set the following options under Standard options:
     - Language
     - Text size
4. You can set to ON to perform these gestures on the device screen:
   - Zoom, Drag and Pinch
   - Font size: You can set the font size from small to largest and see the preview of the same.
   - Display size: You can set the items on your screen from small to largest.
   - Click after pointer stops moving: Turn on to set the delay before click.
   - High contrast text: If this option is enabled, you can see the text changes into the contrast colors.
   - Power button ends call: Turn on to enable the call ending using the power button.
   - Press Home wake up: Turn on to make the home screen wake up on press.
   - Auto-rotate screen: Turn on to set auto-rotate screen ON.
   - Speak passwords: Turn on to unlock the device using the speaking password.
   - Large mouse pointer: This is useful when a mouse is used for the mobiles. Enable this option to use get a large mouse pointer.
   - Mono Audio: Enable Mono audio to combine the channels when playing audio.
   - Accessibility shortcut: Turn on to quickly activate accessibility features.
   - Text-to-speech output:
     - Preferred engine: The preferred engine is set.
     - General: You can adjust the Speech rate and Pitch. Reset the speech rate and speech pitch. You can demonstrate a speech synthesis. English is set as default language status.
     - Touch & hold delay: You can set the delay time as Short, Medium, and Long.
     - Gesture support: Turn on and waive your hand to accept or reject a call. Swipe down for bringing down notification bar and vice versa.
4. Select Display.
   - Color inversion: If this is enabled, displayed colors are inverted and may affect the performance.
   - Color correction: Turn on make the color correction.

PRINTING
1. From Notification or App screen, tap on Settings () > System > Printing ().
2. You can install the printer and print the required photo or document.
ABOUT PHONE

1. From Notification or App screen, tap on Settings (מענה) > System > About phone (מידע).
2. Go to System Updates and Check for Updates. If there is any updates, it starts updating.
3. The following information is displayed:
   - System Updates
   - Status
   - Legal Information
   - Model
   - Processor info
   - Android version
   - Android security patch level
   - Baseband version
   - Kernel version
   - Hardware version
   - Build number
MANAGING CONTACTS

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

To access the contacts, from App screen, select Contacts ( ). The contacts saved in the phonebook are displayed.

ADDING NEW CONTACT FIRST TIME

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

Add New contact:

- While adding the contact for the first time, a pop-up message is displayed asking to save the contact to SIM1, phone and you can create an account to sync the contacts.
- Tap on Set up my profile on Contact display window. Add the device owner's profile details. Enter all the details and tap on tick mark ( ). It is displayed as ME.
- Tap on Add New Contact ( ). Enter all the details and tap on the tick mark ( ).

ADDING A NEW CONTACT

1. From App menu, tap on Contacts ( ).
2. Tap on Create new contact ( ) and Add to a contact screen is displayed. Enter all the details and tap on tick mark ( ). The contact is added to the phonebook.
3. To add a new contact, tap on Phone ( ) on the home screen, tap on Dial pad ( ) and dial the required number. Tap on Create new contact ( ). Add new contact screen is displayed. Enter the name and other details. Tap on tick mark ( ) and the contact is saved.

VIEWING CONTACT DETAILS

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

EDITING THE CONTACT DETAILS

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

SENDING A MESSAGE FROM CONTACTS

You can send SMS and MMS messages to the contacts.

1. From App menu, tap on Contacts ( ).
2. Scroll to the required contact, tap and open it.
3. Tap on Messages ( ).
4. The Messages screen is displayed. Enter the message and tap on Send icon.
5. Tap on Attach ( ) to attach any of the following:
   - For SMS;
     - Emoji icons
   - For MMS;
     - Smileys
     - Capture picture
     - Gallery
     - Capture video
     - Location
6. Long tap on SMS ( ) icon and a check box with Urgent options is displayed. Check the box and enter the subject and the message. The message priority is set to Urgent and sent immediately.
7. Tap on SMS or MMS ( ) to send the message. When content is added to the message, the Send icon color will be changed.

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

MENU OPTIONS

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

CONTACTS TO DISPLAY:

You can display the contacts in one of the following ways:

- All contacts: When this option is selected, all the contacts are displayed.
- Phone: Select Phone from the list. The contacts which are stored in the Phone are displayed.
- SIM Card: Select SIM Card from the list. All the contacts which all are saved in SIM that are displayed in contact application.
- Google: The contact which are synced with your gmail ID are displayed.
- Customize: You can customize the contacts to be
IMPORT/EXPORT

IMPORT FROM .VCF FILE
1. From App screen, tap on Contacts ( ).
2. Select Option ( ) > Import/export.
4. Tap on the Option and you can view different destinations to save the imported .vcf files.
5. Select the destination.
The contact is imported to the list.

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

IMPORT FROM SIM CARD
1. From App screen, tap on Contacts ( ).
2. Select Option ( ) > Import/export.
3. Select Import from SIM card.
4. Tap on the Option to view the list of contacts stored in your SIM card.
5. Tap on the contact to be moved to the phone.
6. A confirmation message is displayed. Tap on OK button to confirm.

EXPORT TO SIM CARD
1. From App screen, tap on Contacts ( ).
2. Tap on Options ( ) > Import/export.
3. Select Export to SIM card.
4. Tap on the contact to be exported from Phone to SIM card.
5. A confirmation message is displayed. Tap on OK button to confirm.
The contact is exported to the SIM Card.

SHARE ALL CONTACTS
You can send contact information in two ways:
1. From App screen, tap on Contacts ( ).
2. Select Options ( ) > Import/export.
3. Select Share all contacts.
4. Phonebook screen is displayed. Tap on the contact to select it.
5. Tap on OK.
6. You can use one of the following options to share the required contact:
   • Gmail: You can share the contact via your Gmail account.
   • Bluetooth: Send the contact details to a Bluetooth device paired with your phone. Select the Bluetooth device to share the contact.
   • Android Beam: You can share the contact via Android Beam by selecting another device which is listed in your device.
   • Messages: Send the contact details as a multimedia message to any mobile phone.
   • Save to Drive: You can share the contact and save it in the Drive in a selected folder which is synced with your PC.
   Tap on Save to save the contact in the Drive.

BLOCKED NUMBERS
You will not receive any calls or text messages from the blocked numbers.
1. From App screen, tap on Contacts ( ).
2. Tap on Options ( ) > Blocked numbers.
3. Tap on ADD A NUMBER.
4. Enter the number to be blocked and tap on Block.
The number is blocked and you do not receive any call or message from that number.

MANAGE ACCOUNTS
1. From App screen, tap on Contacts ( ).
2. Tap on Options ( ) > Manage accounts.
3. Tap on Add account ( ) to add a new account.
4. Tap on Options ( ) Check Auto-sync data.

SETTINGS
You can set the sort list to view the contacts and also the first or last name of the contact to be displayed first.
1. From App screen, tap on Contacts ( ).
2. Select Options ( ) > Settings. Set the following options:
• Sort by: Sort the contact names by first name or last name.
• Name format: Set the contact display name to first name first or last name first.
• Default account for new contacts: You can select your phone or mail id or SIM1/SIM2 as a default account whenever a new contact is added.
• About Contacts: The following information is displayed:
  • Build version
  • Open source licenses
  • Privacy policy
  • Terms of service

MERGE CONTACTS
1. From App screen, tap on Contacts ( ).
2. Select Options ( ) > Merge contacts. Duplicate contacts are merged.

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

DELETING A CONTACT
1. From App screen, tap on Contacts ( ).
2. Scroll to the required contact, long tap on the contact.
3. Check the box next to the contact which has to be deleted.
4. Select Options ( ) > Delete.
5. Tap on OK. The contact is deleted.

SHARING A CONTACT
1. From App screen, tap on Contacts ( ).
2. Scroll to the required contact and long tap on the contact.
3. Check the box next to the contact which has to be shared.
4. Tap on Options ( ) > Share.
5. Share with options is displayed with different applications.

ADDING FAVORITES
1. From App screen, tap on Contacts ( ).
2. On the Favorites tab, add a new contact by tapping on Add contact ( ). You can add a new contact or select the contact from Frequently Contacted list as Favorite by tapping on star icon which is present on top corner of any contact.
   The selected contacts gets added as a favorite and is displayed under the favorite contacts tab.

SHARE FAVORITE CONTACTS
You can share the favorite contacts.
1. From App screen, tap on Contacts ( ).
2. Tap on Favorites tab ( ).
3. Tap on Options ( ) > Import/export.
4. Tap on Share favorite contacts.
5. You can share the favorite contact using following apps:
   • Messages
   • Android Beam
   • Bluetooth
   • Gmail
   • Save to Drive

ADDING GROUPS
1. From App screen, tap on Contacts ( ).
2. On Groups tab, you can add a contact by tapping on Add contact ( ), while adding you can select more fields. You can select Group name on existing groups or create new group.
3. You can add the contacts under different groups:
   • Coworkers
   • Family
   • Friends
MANAGING CALL SETTINGS

MAKING A CALL
From Home screen or Apps Menu, tap on the Phone ( ).

The Phone screen with Call history ( ), Dial pad ( ), and Call Options ( ) are displayed.

To dial a number use one of the following options:

- **Call history**: Tap on the call History icon ( ). Tap on the Phone icon ( ) beside the contact or tap on the contact, and tap on the number.
- **Dial pad**: Tap on the dial pad and the numeric touch keypad is displayed. Enter the phone number and tap the phone icon ( ) to make a call.
- **Frequently called contacts/numbers**: Tap the specific contact/number from the frequently called/Received/Missed numbers list to make a call.

DIALING A NUMBER VIA CONTACT
1. From App screen, tap on Contacts ( ).
2. Scroll to the contact and tap on the contact. The contact details are displayed.
3. Tap on the phone icon ( ) and a call is initiated.

ADDING CONTACT FROM HOME SCREEN
1. From Home screen or App screen, tap on the Phone ( ). Enter the required number to be dialed.
2. Select Add to a contact ( ).
3. Select Create new contact ( ).
4. In the Add new contact screen, add the name and other details for the contact.
5. Tap on Tick mark ( ) to save the contact details.

VIEWING CALL HISTORY
1. From Home screen or Apps menu, select Phone ( ).
2. Tap on Call History ( ).
3. Tap on Option ( ) > Call History.
4. Tap on All to view all the incoming, outgoing, and missed calls.
5. Tap on Missed to view only the missed calls.

CALL HISTORY SCREEN
1. From Home screen or App screen, tap on Phone ( ).
2. Tap on Options ( ) > Call History ( ).
3. The following options are displayed:
   - **ALL tab**: The call log for today, yesterday and older period of time are displayed. The call log includes missed calls, received calls, and dialed calls.
   - **MISSED tab**: The missed call log for today, Yesterday, and older period of time are displayed.
   - Tap on Options ( ). The following options are displayed:
     - **Search call log**: You can search for the required call log from the Search tab.
     - **Clear call history**: Tap on Clear call history and select the required call log from the list. Selected call logs are marked with tick mark ( ). Tap on CLEAR. A confirmation message is displayed. Tap on OK to clear the call log.

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

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

The following settings are displayed:

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

SOUNDS AND VIBRATION
- **Phone Ringtone**: To change the phone ringtone,
  1. From the Notification or Apps Menu, tap on Settings ( ).
  2. Tap on Device settings > Sound ( ) > Phone ringtone.
  3. Select the required ringtone from the list and tap
on OK.
The ringtone is changed.

OR

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

- Also vibrate for calls: If this option is checked, device is set to vibrate mode when a call is received.
- Dialpad tones: Check this option to set the tone for the dialpad when numbers are dialed.
- Dialpad tone length: You can set the dialpad tone length to Normal or Long.
- Call end tone: Check this option to set a tone for call ending.

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

1. From Home screen or Apps menu, select Phone (📞).
2. Tap on Options (≡) > Settings > Quick responses.
The list of quick responses are displayed.
3. Tap on the required quick responses from the list to edit that particular message and tap on OK to save the message to the list.
4. While an incoming call arrives, swipe up to touch the message icon to open a list of quick responses or the option to write your own message. Touch one of the messages to send it to the caller immediately and the call gets disconnected.
5. Tap on Options (≡) > Restore defaults.

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

To set the speed dial,
1. From Home screen or Apps menu, select Phone (📞).
2. From Call History screen, tap on Options (≡) > Settings > Speed dial settings.
3. Assign a contact for each key present in the keypad (2 to 9). Key 1 is used for voicemail.
4. Long press a particular key to initiate a call to the assigned contact.
5. You can always replace the contact number for the assigned key number.

CALLING ACCOUNTS
1. From Home screen or Apps menu, select Phone (📞).
2. From Call History screen, tap on Options (≡) > Settings > Calling accounts.

SETTINGS:
- Tap on the Operator (if SIM card is inserted only) and the following options are displayed:
  - Voicemail
  - Fixed Dialing Numbers
  - Wi-Fi Calling
  - Turn on video calling
  - GSM call settings
  - CDMA call settings
  - IMS Settings
- All calling accounts: You can select from which account calls can be dialed.
- Display duration: If this option is checked, you can view the call duration in call history.
- Vibrating after connected: Check this option to enable vibration when the call is answered.
- Turn on proximity sensor: If this option is checked, during a call, the screen is turned off to save the power.
- Smart-Divert: If this option is checked, while answering a call, the screen will be turned off to save power.

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

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

Use SIP Calling

A dialog is open with the following options:

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

**Receive Incoming Calls**

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

This might reduce your phone’s battery life.

**CALL SCREENING**

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

**ACCESSIBILITY**

**TTY MODE**

If you enable TTY mode, hearing-impaired individuals can send and receive phone calls as text over the phone.

1. In the call settings screen, tap on TTY mode to view and modify TTY mode settings.
2. Set one of the following options:
   - **TTY Off**: disables TTY mode.
   - **TTY Full**: enables TTY mode for both incoming and outgoing calls.
   - **TTY HCO**: enables TTY mode only for incoming calls.
   - **TTY VCO**: enables TTY mode only for outgoing calls.
SENDING MESSAGES AND EMAILS

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

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

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

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

SENDING SMS/MMS MESSAGE

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

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

MANAGING MESSAGE SETTINGS

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

To view and modify the message settings,

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

<table>
<thead>
<tr>
<th>SETTINGS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default message app</td>
<td>You can set the Messages as a default message app.</td>
</tr>
<tr>
<td></td>
<td><strong>NOTIFICATIONS</strong></td>
</tr>
<tr>
<td>Notifications</td>
<td>Enable this option to get the notification and vibration settings enabled.</td>
</tr>
</tbody>
</table>
7. To delete a single message, select a particular message and tap on **Delete** (🗑️).

### SETTING UP GMAIL ACCOUNTS
You have to configure your e-mail account to access your e-mail box and e-mail services.

### SENDING AN E-MAIL FROM POP3/IMAP ACCOUNT
1. Tap on **new Email** (✉️).
2. Enter the mail recipient in **To** field and subject in **the Subject** line in the **Compose email** screen.
3. To access other options, tap on **Option** (⋮). The following options are displayed:

<table>
<thead>
<tr>
<th>OPTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add from Contacts</td>
<td>Add a contact from the phonebook.</td>
</tr>
<tr>
<td>Save draft</td>
<td>You can save the mail as a draft.</td>
</tr>
<tr>
<td>Discard</td>
<td>You can delete the selected message.</td>
</tr>
<tr>
<td>Settings</td>
<td>You can view General Settings, your mail account and you can add account.</td>
</tr>
<tr>
<td>Help &amp; feedback</td>
<td>You can take the help about the mail and give feedback.</td>
</tr>
</tbody>
</table>

4. Tap on **Attach** (🔗) icon and the following options are displayed:
   - Attach file
5. Enter the message and tap on **Send** (✉️).

### READING GMAIL
1. Select Gmail account and tap on the Gmail to retrieve.
2. To manually retrieve a new mail from Gmail account, select **System/General Settings > Accounts > select a particular account**, go to **Option** (⋮) and tap on **Sync now** (🔄) option.
3. Tap a message to read. The following options are displayed:
   - Reply
   - Reply all
   - Forward
   - Add to starred
   - Print
   - Delete

### DELETING MESSAGES
To delete all the messages,

1. From **Home** screen or **App** screen, tap on **Messages** (.MessageBox).
2. Long tap on the message and the message gets selected. Tap on **Delete** (🗑️).
3. A confirmation message is displayed. Tap on **Delete** to delete the message.
   OR
4. Tap and open the message to be deleted.
5. Tap on **Option** (⋮) > **Delete**.
6. A confirmation message is displayed. Tap on **Delete** to delete the message thread.
• Mark unread from here
• Block

4. Long tap on the message to be deleted. The message is selected. Tap on **Delete** icon (🗑️) and the message is deleted.

Gmail application keep updating and therefore new options are either added or existing ones are removed.
SPRINT DIRECT CONNECT PLUS

Your Sonim phone comes with pre-loaded SDC Plus application.

For more information on SDC Plus application, refer to the link:

SONIM SCOUT

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

To access Sonim Scout,

On the App screen, tap on Sonim Scout ( ).

SETUP

Setup tab consists of the following features:
- SonimSetupWizard
- SafeGuard

UTILITIES

Utilities tab consists of the following features:
- Contact Transfer
- Sonim BLE Connect

SUPPORT

Support tab consists of the following features:
- Chat
- Remote Support
- SonimCare
- Warranty Registration
- Device Information
- Device Help
- Terms of Use
- Contact Sonim Support
USING APPLICATIONS

CAMERA

The Sonim XP8 has a rear camera with 12MP fixed focus for taking pictures. The pictures are saved in Photos.

1. From Home screen or App screen, tap on Camera ( ).

2. Select Camera mode to set the following modes:
   - **Normal ( )**: To shoot a picture in normal mode, tap on soft key to capture the picture. Use Volume Up and Down key or pinch with fingers to Zoom in and Zoom out.
   - **Video ( )**: Tap on Video button to enable the video mode and start the recording. You can pause the recording in the middle by using Pause soft key ( ) symbol.
   - Tap on camera soft key ( ) for capture image and tap on Camcorder mode to record the video ( ).

3. On Camera screen, tap on Option ( ) > Settings ( ). The following options are displayed:
   - **General**:
     - **Store location**: You can enable/disable this option to store the photos in a selected location.
     - **Face Detection**: You can enable/disable this option that detects human faces so that the camera can set the focus.
     - **Storage**: By default, the photos are stored in the phone memory.
     - **Record Date & Time**: The date and time are displayed on the recorded video or the photos.
   - **Still Camera**:
     - **Countdown timer**: You can set the countdown timer for the following options: off, 2 seconds, 5 seconds, and 10 seconds.
     - **Continuous Shot**: You can enable/disable this option to set the camera on continuous shot.
     - **Picture size**: The following picture sizes are displayed. Select the required size from the following options: 12M pixels, 8M pixels, 5M pixels, 3M pixels, 2M pixels, 1M pixels, VGA
     - **Picture quality**: The following options are displayed: Low, Standard and High
     - **Redeye Reduction**: Enable/disable this option to reduce having a red-eye effect in photography.
       You can get the appearance of red pupil in color photographs.
     - **Exposure**: The following options are displayed: -2, -1.5, -1, -0.5, 0, +0.5, +1, +1.5, +2
   - **White balance**: This option will change the color balance in your pictures. The following options are displayed: Auto, Incandescent, Fluorescent, Daylight, and Cloudy
   - **Shutter Sound**: You can enable/disable this option.
   - **ZSL**: You can enable/disable this option to continuously take the full sized photos.
   - **Video Camera**:
     - **Video quality**: You can choose any of the following option to set the video quality: 4k UHD, HD 1080p, HD 720p, SD 480p, VGA, CIF, and QVGA
     - **Video duration**: You can set the duration for the video capturing. The following are the options: 30 seconds (MMS), 10 minutes, 30 minutes, no limit
     - **Image Stabilization**: Enable/disable this option to stabilize the recorded image by varying the optical path to the sensor.
     - **Noise Reduction**: This option is used to reduce or get rid of noise in their digital images. The following are the options: Off, Fast, and High Quality
     - **Video Encoder**: A video encoder connects to an analog video camera via a coaxial cable and converts video signals into digital video streams that can be sent over a wireless IP-based network. The following formats are supported: H264 and H265.
     - **Video Rotation**: You can rotate the recorded video in the following angles: 0, 90, 180 and 270.
     - **Time lapse**: It is a video recording mode that captures video at a very low frame rate. Following are the options: off, Seconds - 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 10, 12, 15, 24. Minutes - 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 10, 12, 15, 24; Hours - 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 10, 12, 15, 24
     - **Video high FrameRate**: If the video quality option is set to HD 720p, SD 480p, VGA, and QVGA, video high framerate is enabled and you can select the option as per your requirement.
   - **System**:
     - **Restore defaults**: The camera default settings are restored.
     - **Version Info**: The camera version details are displayed.
CALENDAR

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

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

CLOCK

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

1. From App screen, tap on Clock ( ).
2. Tap on Clock ( ).
3. Select World clock icon ( ) located at the bottom of the screen. To view the list of cities and the current time, enter the first few alphabets to get the list of cities. Tap on the city name and the selected city and the current time is added to the Clock.
   - The local time in the home city is displayed in the upper half of the screen.
   - To set the home city, select the required city from the list. It is added to the selected cities list. The selected city is set as the home city.

ALARM

You can set an alarm for a particular time.

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

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

TIMER

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

STOPWATCH

1. From App screen, tap on Clock ( ) > Stopwatch ( ).
2. Select START and STOP to run the stop watch.
3. Tap on RESET to reset the stopwatch time.
4. Tap on SHARE to share the file via any of the media.
5. Tap on LAP to count the time duration for each lap.

CALCULATOR

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

1. From App screen, tap on Calculator ( ).
2. Tap/swipe on the left arrow mark to go to the Advanced panel.
3. To enter the numbers, tap the numeric soft keys.
4. To use mathematical operators, touch the respective operation soft keys on the keypad.
5. After performing the calculations, tap = for the final result.

SOUND RECORDER

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

1. From App screen, tap on Sound Recorder ( ).
   - To record an audio file, tap on Record ( ).
   - To stop the recording, select Stop ( ).
   - To save the voice memo, tap on Save.
   - To exit without saving, tap on Discard.
   - To play the recorded file instantly, on the Sound Recorder home screen, tap on Option ( ) and the Recording list is opened. Tap on the required recording.
FILE MANAGER

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

1. From App screen, tap on File Manager ( 文件管理).
2. On the File manager screen, tap on Option ( 选项) to view the following Actions:
   • Properties: View the properties of the folder.
   • Refresh: Refresh the folder.
   • New folder: Create a new folder.
   • New file: Create a new file.
   • Select all: Selects all the folders.
   • Deselect all: Deselects the folder when they are selected.
   • Add to bookmarks: Bookmarks are added.
   • Copy selection here: You can copy the folder to same or different folder and the copied files/folders are saved.
   • Move selection here: You can move the folder to selected destination.
   • Delete selection: Selected folder is deleted and you cannot undo this action.
   • Set as home: You can set the selected folder as home folder.
   • Add shortcut: Shortcut is created for selected folder on the home screen.

SIM TOOLKIT

The SIM Toolkit is a stand-alone app found on Android devices only. It is located within your Apps Menu with all of your other apps. It displays the operator specific services.

To access the SIM Toolkit,

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

DOWNLOADS

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

1. To manage application downloads, tap on Downloads ( 下载) on App screen.
2. Use the Downloads app to view, open, or delete the downloaded files.
3. At the top of the screen, tap on the icon ( 排序) to sort your downloads by name and by date modified.

FM RADIO

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

1. From App screen, tap on FM Radio ( 收音机).
2. A message Please plug in a Headset to use FM Radio is displayed. Connect a wired Headset with the side connector to enable FM Radio. FM radio icon ( ) and headset icon ( ) are displayed on the Notification bar.
   • Side Connector: As the Sonim XP8 device does not support the jack, side connector is used to plug-in the jack and listen to FM radio over the headset.

3. Tap on Option ( 选项) > Scan to scan all the stations. Available channels are displayed.
4. Tap on Start Recording to record the audio which is broadcasted on the radio to listen to the same later.
5. Tap on Stop Recording to stop the audio recording.
6. Tap on Option ( 选项) > Setting and the following options are displayed:
   • Regional Band: The regional band with frequency range is displayed.
   • Channel Spacing:
     • Lower Freq Limit (in Mhz)
     • Higher Freq Limit (in Mhz)
   • Audio Output Mode: Select any of the following options as a output mode: Stereo or Mono
   • Alternate Frequency: Check this option to enable/disable the auto selection of alternate frequency.
   • Record Duration: You can set the time duration for recording in the following time frame:
     • 5 minutes
• 15 minutes
• 30 minutes
• Until stopped
• **Revert to Factory Defaults:** This option deletes all the settings including Presets. Select **OK** to confirm.

7. Tap on **Sleep.** You can turn off the radio after a selected time frame:
• 15 minutes
• 30 minutes
• 45 minutes
• 1 Hour

8. Tap on **All Channels.** The available channels/stations are displayed with the station serial number. For example, first station in the list is displayed as **Station:1.**
• Long tap on the required station/channel and the following options are displayed:
  • **Station #:** Each station/channel is given a serial number in the list.
  • **Rename:** You can rename the station/channel name.
  • **Delete:** A confirmation message is displayed to delete the selected channel/station. Tap on **Delete** and the channel/station is deleted from the list.

**MOBILE URGENT ALERTS**

Mobile Urgent Alerts is a personal safety service enabling field personnel, lone workers, or people at risk to immediately notify response teams.

1. From **App screen,** select **Mobile Urgent Alert ( ).**
2. Scroll to the right to view more option.
3. Select **Send multiple alerts.**
   • You can send multiple alerts to your pre-selected alert contacts through text message.
4. Select **Call for HELP.**
   • You can dial a call in addition to sending mobile urgent alerts to your selected contacts.
5. Select **Automatic fall detection.**
   • This feature is used by the personnel who work in high and risky places. When there is a fall, alerts can be sent to the contacts.
6. Select **SIGN UP.**
   • On **Get Started** screen, tap on **GIVE ACCESS** to send alerts and make alert calls, give Mobile Urgent Alerts access to your SMS, Phone, Contacts and Location.
7. Enter your phone number and select **NEXT.**
8. Tap on **Accept** on **Accept Terms of Service** screen.
9. Enter your **PINCODE** which will be sent on your registered mobile number.

10. Enter **Frist Name** and **Last Name** on **Sign Up** screen.
REGULATORY INFORMATION - USA MARKET

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 1.37W/kg
- When worn on the body, as described in this user guide, is 1.39 W/kg (Body-worn measurements differ among device models, depending upon available accessories and FCC requirements.)

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

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC: WYPPG4032.

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and be positioned a minimum of 1 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the device at the ear, position the handset a minimum of 0 cm from your body when the device is switched on.

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.

- Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

**INDUSTRY CANADA STATEMENT (IC: 8090A-PG4032)**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes:

- l’appareil ne doit pas produire de brouillage, et
- l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

- This device complies with RSS-310 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.
- Cet appareil est conforme à la norme RSS-310 d’Industrie Canada. L’opération est soumise à la condition que cet appareil ne provoque aucune interférence nuisible.

- This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.
- Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.

- The Country Code Selection feature is disabled for products marketed in the US/Canada.
- La fonction de sélection de l’indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au Canada.
INDEX

A
About Phone 30
Accessibility 29
Accessories 26
Accounts 26
Airplane Mode 20
Android Beam 20
Applications 42
Auto-sync 26, 32

B
Backup 27
Battery 24
   Charging Indicator 10
Blocked Number 32
Bluetooth 19
Bluetooth Tethering 21

C
Calculator 43
Calendar 43
Call Screening 36
Camera 42
Capture 17
Cellular Networks
   APN 21
Clock
   Alarm
      Timer
         Stopwatch 29, 43
Contacts
   Export
      Import
         Share 32

D
Data Usage 20
   Data Saver 20
Date 29
Dictionary 27
Display 22, 34

E
Encryption 26

F
FCC 46
File Manager 44
FM Radio 44

G
Gesture 24
Google 26

H
Hotspot 20

K
Keyboard 27
   Spell Checker 27

L
Languages 26
LED 14
Location 25
Lock Screen 16

M
Memory 24
Menu 31
Messages 37
Mobile Urgent Alerts
   Multiple Alerts 45

N
NFC 20

O
Optimizing Battery 10

P
Pairing a Bluetooth Device 19
Phone Specifications 13
Printing 29
Programmable Key 26
Q
Quick Responses 35

R
Reset 21, 27
Roaming 21

S
SAR 46
Scout
  Setup
  Utilities
    Support 41
Screenshot 17
Security 25
SIP 36
SIP Accounts 35
SMS/MMS Message 37
Sound 22
Speech 27
Speed Dial 35
Spell Checker 27
Storage 24

T
Tap
  Pay
    Payment 24
Tethering 20
Tethering & Portable Hotspot 20, 21
Time 29
Toggle Torch
  Jump to Camera 24

U
USB Power Saving 23
Users
  Lock screen 24

V
VPN 21

W
Wallpaper 17
  Photos 17, 22

Wi-Fi 19
Wi-Fi Hotspot 20
WPS 19

XP8 9