

# **F101**

## **user manual**



## WELCOME

- Congratulations on the purchase of your F101 Mobile phone.
- Your phone provides many functions which are practical for daily use, such as a hands-free , loudspeaker, camera, MP3 player and ultra clear video
- You can read the manual to understand how to use your F101 mobile phone and experience the well-established functions and simple operation method. Please use the original accessories in order to achieve the best use of your device. F101 shall not be responsible for any damage in the machinery due to use of non-original accessories.

## **User precautions**

Before using your F101 handset, it is important that you read the following recommendations:

- Minimize exposing your phone to water and any other liquid. Keep your phone dry and avoid humid spaces.
- Use only authorized accessories
- Do not try to open your phone.
- If the phone or any accessory is not working properly, take it to a qualified service center.
- The use headphones or earphones for a prolonged time (at high volume) may cause serious damage to your hearing.
- Do not use the phone while charging.
- In extreme heat or cold: avoid temperatures below -10 ° C / 14 ° F or above 40 ° C / 104 ° F.



## **DIM, LOCK & WAKING THE PHONE**

When the power is on and you want to dim the screen, press the power button



When the screen is dimmed and you want to wake the phone, press the power button and slide your finger from middle to up.

## HOME SCREEN

Touch it to enter app tray.



## APPS

Touch an app to launch it



## STATUS BAR

The status bar shows your phone's status and notifications. (Notifications are described on the next page.)

Notification icons













Status icons



## Status icons

The following status icons may appear on your screen:

| Icon  | Statement                        | Icon  | Statement                        |
|---|----------------------------------|---|----------------------------------|
|    | SIM<br>Network<br>signal level   |    | Headset is<br>inserted           |
|    | Indicates<br>battery<br>capacity |    | Bluetooth is<br>activated        |
|    | Unread<br>messages               |    | Wi-Fi is<br>connected            |
|  | Missed calls                     |  | Airplane<br>mode is<br>activated |
|  | Alarm is<br>activated            |  | Hotspot is<br>activated          |

## NOTIFICATION PANEL

The notification panel is your center for new events: like new e-mail, voicemail, updates, and more.




Drag down to display notifications.

Touch a notification to respond

## MAKE & ANSWER A CALL



1. From the Home screen, touch 

2. Dial a number, then touch to initiate the call.

Answer a call

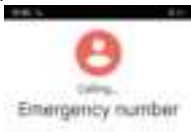
Drag  to the right

Decline a call




Drag  to the left

## VOLUME CONTROL WHEN CALLING

Volume key is at the left side of the phone. During a conversation, you can press the volume key to tune the sound volume.



## SEND A TEXT

1. From the Home screen, touch 
2. Touch 
3. Touch the "To" field, then enter a recipient.
4. Touch the Type message field, then enter a message
5. Touch  Send the message



## ADDING EMAIL ACCOUNTS

The first time you open Email, you will be prompted to set up an email account. After that, you can configure Email to send and receive email from additional accounts.

To add an email account:

- 1) Tap the e-mail icon. In Your account interface, tap Next. In e-mail address option, enter your e-mail address. In password option, → enter your e-mail password. Tap Next.
- 2) Filling the email address and password, tap next to setup email
- 3) Tap next to enter your email.



# SETTINGS

## The settings for various features of the phone

Get to know the settings on your phone so that you can personalize them to your own requirements. Go to Settings to configure how your phone looks, sounds, communication, privacy, and operations in a variety of ways:

|                  |  |
|------------------|--|
| <b>Wi-Fi</b>     | You can use Wireless & Network settings to manage your SIM card, configure and manage connections to networks and devices by using Wi-Fi. You can set Bluetooth, data usage, airplane mode, VPN, tethering & portable hotspot and mobile networks in this interface. |
| <b>Bluetooth</b> | Press the switch to power on Bluetooth. Once on, the Bluetooth will automatically scan for any nearby open equipment.  |
| <b>SIM cards</b> | Press the switch to power on SIM cards. When insert two cards, click to set cellular data, Calls, SMS messages.  |
| <b>More</b>      | <ul style="list-style-type: none"><li>• Airplane Mode</li><li>• Tethering, Portable Hotspot VPN.</li></ul>   |




|                         |  |
|-------------------------|--|
| <b>Display</b>          | You can set Wallpaper, Auto-rotate screen, Brightness, Daydream, wireless display, Sleep and Font size in this interface.  |
| <b>Notification</b>     | Control all apps notification messages.  |
| <b>Sound</b>            | This option sets the phone ring tone settings for receiving calls and notifications.   |
| <b>Gesture Settings</b> | <ul style="list-style-type: none"><li>• Finger Gesture.</li><li>• Gesture Motion</li><li>• Smart Motion</li></ul>  |
| <b>Apps</b>             | You can use the Applications settings to view details about the applications installed on your phone, to manage their data and force them to stop, to view and control services that are currently running, and to view the storage used by applications, etc. |
| <b>Storage</b>          | Use the Storage settings to monitor the used and available space on your phone and on your SD card and to manage your SD card.   |

|                             |   |
|-----------------------------|---|
| <b>Battery</b>              | You can view your battery status, battery level and battery use in this interface.  |
| <b>Memory</b>               | View average Memory usage.  |
| <b>Users</b>                | You can add and switch users  |
| <b>DuraSpeed</b>            | DuraSpeed helps boots the foreground APP by retriecting background APPs   |
| <b>Location</b>             | You can turn on Wi-Fi & mobile network location, GPS satellites, etc through this function.   |
| <b>Security</b>             | You can set the parameters related to security through this function.   |
| <b>Accounts</b>             | You should add an account first before using this function.   |
| <b>Google</b>               | <ul style="list-style-type: none"> <li>•Location information</li> <li>•Security</li> <li>•Advertising</li> <li>•Search and Instant</li> </ul> |
| <b>Language &amp; input</b> | Use the Language & Keyboard settings to select the language for   |



|                                     |   |
|-------------------------------------|---|
|                                     | the text on your phone and for configuring the input method.  |
| <b>Backup &amp; reset</b>           | You can backup your data and reset your phone in this interface.  |
| <b>Data &amp; time</b>              | You can use Date & Time settings to set your preferences for how dates are displayed. You can also use these settings to set your own time and time zone, rather than obtaining the current time from the network, etc. |
| <b>Accessibility</b>                | Enable your installed accessibility applications and adjust related settings.   |
| <b>Printing</b>                     | You may print files via Cloud Ready printers.(Please check Google Cloud Print website for printer compatibility information).   |
| <b>Developer Options</b>            | If the phone does not display Developer options press "build number" seven (7) times in the about phone tab in settings.  |
| <b>Scheduled power on &amp; off</b> | Schedule power on and off   |
| <b>About phone</b>                  | This function enables you to view some phone related information.   |







## SET A RINGTONE

Press   , select the profiles you want to set, you can customize the ringtone and volume of incoming call, notification ringtone in this interface.

## MULTIMEDIA

*listen, watch, capture and enjoy it!*

## MUSIC

| Controls   |   |
|--|---|
| Play/Pause                                       | Touch   |
| Previous/Next                                    | Touch   |
| Rewind/Forward                                   | Touch the Progress bar  |
| Volume adjust                                    | Press side key  |
| Now playing: Touch to open the current playlist. | Touch    |
| Shuffle: Touch to shuffle the current playlist.  | Touch    |

Repeat: Touch to repeat the current playlist; touch again to repeat the current track.

Touch



## **FM RADIO**

1. Insert earphone, then Tap the Power icon to stop or play FM.
2. Tap the forward by 0.1 MHz or scroll the knob icon to change channel frequency. Press volume key to adjust the volume.
3. Tap Auto search, Record and Favorites icon to adjust.

## **Camera**

1. Launch the camera by pressing the camera icon on the home screen
2. In the camera app, tap the screen to focus on a specific area.
3. Press the camera button all the way down to take a picture.

## **SHOOT A VIDEO**

1. Press the camera icon.

2. In the Camera app, select video



3. Press the camera button to begin filming and press again to stop filming.

## **Calculator**

1. Launch the calculator by pressing the calculator icon on the home screen.

2. In the calculator app, enter numbers and arithmetic operators on the basic screen.

## **Calendar**

You can use the calendar to keep track of important events. After entering the calendar function menu you can select year, month and date. Slide the Calendar screen up and down to switch month.

## **Sound Recorder**

Use this function to record audio files. Two function icons at the bottom of the Recorder screen are corresponding to start recording and review recorded file.

## **Clock**

The clock allows you to view time and date. You can also add an alarm, set the alarm and turn it on. Then, the alarm can ring at a specific time you set.

## **Gallery**

Both pictures and videos taken by camera or stored in SD card can be scanned through this function.

## **Browser**

To let you browse the Internet.

## **File Manager**

This phone supports an SD card. You can use the File Explorer to conveniently manage various directories and files on the SD card.

## USE AS MODEM VIA USB

You can connect your phone to a computer with a USB cable, to transfer music, pictures, and other files between your phone's SD card and the computer.



## CONNECT TO Wi-Fi NETWORKS

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.



Touch Settings> WI-FI. Check Wi-Fi to turn it on. The phone scans for available Wi-Fi networks and displays the names of those it finds. Secured networks are indicated with a Lock icon.



## **Certification information (SAR)**

Your phone is designed not to exceed the limits of emission of radio waves recommended by international guidelines. These guidelines include safety margins designed to assure the protection of all persons, regardless of age and health.

SAR (specific absorption rate) is the unit of body-absorbed RF quantity when the phone is in use. SAR value is ascertained according to the highest RF level generated during laboratory tests. The true SAR level during phone usage will be far lower than this level.

The SAR value of the phone may change depending on factors such as how close you are to a network tower, use of accessories and other enhancements. The highest SAR value of the device is 0.67W/kg (head) and 0.95 W/kg (body) averaged over 10 gm of human tissue.

The SAR value may differ depending on national reporting, testing requirements and the network band.

## **SAR recommendations**

Use a wireless hands-free system (headphone, headset) with a low power Bluetooth emitter.

Please keep your calls short and use SMS whenever more convenient. This advice applies especially to children, adolescents and pregnant women.

Try to use your cell phone when the signal quality is good.

People having active medical implants should preferably keep the cell phone at least 15 cm away from the implant.

Maintain a preferable distance of 15 mm from the device.

## **Safe driving**

Do not use the phone while driving. When you have to use the phone, please use the personal hands-free kit.

Please do not put the phone onto any passenger seat or any place from which it may fall down in case of vehicular collision or emergency braking.

## **During flight**

Flight is influenced by interference caused by the phone. It is illegal to use a phone on the airplane.

Please turn off your phone or switch to flight mode during a flight.

### **In hospitals**

Your phone's radio waves may interfere with the functioning of medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external radio frequency. Switch off your device when regulations instruct you to do so. Do not carry the wireless device in the breast pocket.

Turn off the phone if there is any reason to suspect that interference is taking place.

### **Unsafe areas**

Please turn off your phone when you are close to a gas station or in the vicinity of any place where fuel and chemical preparations, or any other dangerous goods are stored.

[Taking care of your device](#)



Your device is a product of superior design and craftsmanship and should be handled with care. The following suggestions will help you protect your phone.

Keep the device dry. If your device gets wet, remove the battery without turning on the device, wipe it with a dry cloth and take it to the service center.

Do not store the device in high or cold temperature. High temperatures can shorten the life of electronic devices and damage batteries.

Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.

Do not attempt to open the device other than as instructed in this guide. Repairing the phone by yourself and not using our authorized service agents/centers goes against the warranty rules.

Do not drop, knock or shake the device. Rough handling can break internal circuit boards and fine mechanics.

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Only use a soft, clean, dry cloth to clean the surface of the device.

Do not store your device near magnetic fields or allow your device to come in contact with magnetic fields for extended periods of time.

### **Battery recommendations**

Please put the battery in a well-ventilated place out of direct sunlight. Charge the battery at room temperature range.


If the time span of the battery after charging becomes much shorter than usual, the battery life is at an end. Replace the battery with a new battery of the same make and specification.

Do not discard the battery with household trash.

Please dispose of the used battery according to your local environmental laws and guidelines.

Use manufacturer approved batteries, chargers, accessories and supplies. We will not be responsible for the user's safety when using unapproved batteries or accessories.

### **Recycle your phone**

 The WEEE logo (shown at the left) appears on the product (battery, handset, and charger) to indicate that this product must not be disposed of or

dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste.

Collection and proper recovery of your electronic waste equipment at the time of disposal will allow us to help preserve the environment. Recycling of the electronic waste equipment will ensure safety of human health and the environment.

### **Disclaimers**

The colours and specifications shown/mentioned in the user manual may differ from the actual product. Images shown are for representation purposes only. Other product logos and company names mentioned herein may be trademarks or trade names of their respective owners.

The content of this manual may vary from the actual content displayed on the mobile phone. In such a case, the latter shall govern.

We keep the right to make modifications to any of the content in this user guide without public announcement or prior notification.

For devices with external power supplies, the plug socket should be placed in short distance and be easily accessible.

Using the wrong type of battery replacement may increase the chance of explosion. Be sure to follow the instructions for disposal of used batteries.

### **Copyrights**

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

To use the device only with the earphones included, never change the earphones included for another one.

## Legal Notice

### DISCLAIMER

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of local network, and therefore may not be activated or may be limited by local network operators or network service providers. Thus, the descriptions herein may not exactly match the product or its accessories which you purchase.

Our company reserves the right to change or modify any information or specifications contained in this manual without prior notice and without any liability. The Company shall not assume any responsibility for the losses caused by natural disasters (earthquake, typhoon, fire, flood, tsunami, etc.) or any acts and accidents (including intentional or accidental abuse by the User in such accidents or other abnormal circumstances) beyond the scope of our responsibility. In any case, each to accompany the use of this product and any loss (including loss) that resulted in accordance with the data use, for example: loss of profits, loss of reputation, business interruption, loss of stored data/change, etc., and therefore cause of any special, accidental, joint damage, the company does not undertake any responsibility. The Company shall not assume any responsibility for the loss caused by the use of hardware or software or accessories not recognized by the Company. The Company does not provide any warranty or technical support for the information, materials, documents or other products and services obtained through the use of the Product, and the Company does not assume any responsibility for the use of such information, materials, documents or other products and services by users. The company does not undertake any form of guarantee and technical support responsibility for the third-party software used by the product. The contents of this manual are provided "as is". Except as otherwise required by applicable law, the Company makes no warranty of any kind, express or implied, as to the accuracy, reliability or content of this document. All pictures, statements and text information in this guide are for reference only, please refer to the actual product. If there is any content update, without notice. These updates will be incorporated into the new version of the guide, and our company, reserves the right of final interpretation. Software Update By using this device, it means that you have read and agree to the following: In order to provide better services, this device may automatically obtain software update information from your operator. This process uses a certain amount of mobile data traffic and requires access to your device's unique identifier (IMEI/SN) and service provider network ID (PLMN) to check whether your device needs to be updated.



**Safety information** This section contains important information about the operation of your device. It also contains information about how to use the device safely. Read this information carefully before using your device. **Electronic device** Do not use your device if using the device is prohibited. Do not use the device if doing so causes danger or interference with other electronic devices. **1. Interference with medical equipment** Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where prohibited. The radio waves generated by the equipment may affect the normal operation of implanted medical equipment or personal medical equipment, such as pacemakers, cochlear implants, hearing aids, etc. If you use these medical devices, please consult their manufacturers about the restrictions on the use of this device.

When using this device, please keep a distance of at least 30 cm from implanted medical

equipment (such as hearing aids, pacemakers, cochlear implants, etc.). **2. Areas with flammables and explosives** Do not use the device where flammables or explosives are stored (in a gas station, oil depot, or chemical plant, for example). Using your device in these environments increases the risk of explosion or fire. In addition, follow the instructions indicated in text or symbols. Do not store or transport the device in containers with flammable liquids, gases, or explosives. **3. Operating environment** Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using the device in these environments may result in circuit malfunctions. Before connecting and disconnecting cables, stop using the device and disconnect it from the power supply. Ensure that your hands are dry during operation. Place the device on a stable surface. Keep the device away from electronic appliances that generate strong magnetic or electric fields, such as a microwave oven or refrigerator. During thunderstorms, power off your device and remove all cables connected to it to protect against lightning strikes. Do not use your device during thunderstorms to protect your device against any danger caused by lightning. Ideal operating temperatures are -10 °C to 40 °C. Ideal storage temperatures are -30 °C to +70 °C. Extreme heat or cold may damage your device or accessories. Keep the device and accessories in a well-ventilated and cool area away from direct sunlight. Do not enclose or cover your device with towels or other objects. Do not place the device in a container with poor heat dissipation, such as a box or bag or a table covered with a soft cloth.

1 To protect your device or accessories from fire or electrical shock hazards, avoid rain and moisture. ? Keep the device away from sources of heat and fire, such as a heater, microwave oven, stove, water heater, radiator, or candle. ? Do not place any object, such as a candle or a water container, on the device. If any foreign object or liquid enters the device, immediately stop using it, power it off, and remove all cables connected to it. Then, contact a Qur company authorized service center. ? Do not block device openings. Reserve a minimum of 10 cm around the device to dissipate heat. ? Stop using your device or applications for a while if the device is overheated. ? Do not touch the device's antenna. Otherwise, communication quality may be reduced.

2 Do not allow children or pets to bite or suck the device or accessories. Doing so may result in damage or explosion.

3 Observe local laws and regulations, and respect the privacy and legal rights of others.

4 The device should be installed and operated with a minimum distance of 30 cm between the radiator and your body. ? Keep the device in a place with good reception. The distance between the device and other metal materials (such as metal brackets or metal doors and windows) should be greater than 25 cm and the distance between the device should be greater than 30 cm.

4. Child's safety ? Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children. ? The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

5. Accessories ? Using an unapproved or incompatible power adapter, may cause fire, explosion or other hazards. ? Choose only accessories approved for use with this model by the device manufacturer. The use of any other types of accessories may void the warranty, may violate local regulations and laws, and may be dangerous. Please contact your retailer for information about the availability of approved accessories in your area.

6. Power adapter safety ? The power plug is intended to serve as a disconnect device. ? For pluggable devices, the socket-outlet shall be installed near the devices and shall be easily accessible. ? Unplug the power adapter from electrical outlets and the device when not in use. ? Do not drop or cause an impact to the power adapter. If it is damaged, take it to a Qur company authorized service center for inspection. ? If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using it at once. Continued use may lead to electric shocks, short circuits, or fire. ? Do not touch the power cord with wet hands or pull the power cord to disconnect the power adapter. ? Do not touch the device or the power adapter with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.

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5 If your power adapter has been exposed to water, other liquids, or excessive moisture, take it to a Qur company authorized service center for inspection.

7. Cleaning and maintenance ? During storage, transportation, and operation of the device, keep it dry and protect it from collision. ? Keep the device and accessories dry. Do not attempt to dry it with an external heat source, such as a microwave oven or hair dryer. ? Do not expose your device or accessories to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion. ? Avoid collision, which may lead to device malfunctions, overheating, fire, or explosion. ? If the device is not going to be used for an extended period of time, power it off, and remove all cables connected to it. ? If anything unusual occurs (for example, if the device emits smoke or any unusual sound or smell), immediately stop using it, power it off, remove all cables connected to it, and contact a Qur company authorized service center. ? Do not trample, pull, or excessively bend any cable. Doing so may damage the cable, causing the device to malfunction. ? Before you clean or maintain the device, stop using it, stop all applications, and disconnect all cables connected to it. ? Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device or accessories. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and accessories. ? Do not place magnetic stripe cards, such as credit cards and phone cards, near the device for extended periods of time. Otherwise the magnetic stripe cards may be damaged. ? Do not dismantle or remanufacture the device and its accessories. This voids the warranty and releases the manufacturer from liability for damage. In case of damage, contact a Qur company authorized service center for assistance or repair.

#### CAUTION

1. CAUTION : RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS
2. The product shall only be connected to a USB interface of version USB2.0
3. Adapter shall be installed near the equipment and shall be easily accessible
4. Operation temperature: -10-40°C
5. The plug considered as disconnect device of adapter

Shenzhen Qichang Intelligent Technology Co., Ltd. hereby declares that this Smart phone is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

This information has to be presented in such a way that the user can readily understand it.

Typically, this will necessitate translation into every local language (required by national consumer laws) of the markets where the equipment is intended to be sold. Illustrations, pictograms

and using international abbreviations for country names may help reduce the need for translation. WFi can be used in Europe without restriction.

Max power Pconducted:

GSM 900: 32.93 dBm

DCS 1800: 30.28 dBm

WCDMA Band1: 22.93dBm

WCDMA Band VIII: 23.14dBm

LTE Band1: 24.36dBm

LTE Band3: 23.52dBm

LTE Band7: 23.36dBm

LTE Band8: 23.73dBm

LTE Band20: 23.70dBm

LTE Band38: 23.83dBm

LTE Band40: 24.27dBm

Bluetooth: 6.28dBm

BLE: 4.92 dBm

2.4G WFi: 17.06 dBm

5.2G WFi: 13.76 dBm

5.8G WFi: 12.69 dBm

## HEARING AID COMPATIBILITY (HAC) FOR WIRELESS TELECOMMUNICATIONS DEVICES

### THIS PHONE HAS A HAC RATING OF M4/T3

#### WHAT IS HEARING AID COMPATIBILITY?

The Federal Communications Commission has implemented rules and a rating system designed to enable people who wear hearing aids to more effectively use these wireless telecommunications devices. The standard for compatibility of digital wireless phones with hearing aids is set forth in American National Standard Institute (ANSI) standard CS3.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an "M" rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a "T" rating that enables the phone to be used with hearing aids operating in the tele-coil mode thus reducing unwanted background noise.

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

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

A phone is considered Hearing Aid Compatible for acoustic coupling (microphone mode) if it has an "M" or "M" rating. A digital wireless phone is considered Hearing Aid Compatible for inductive coupling (tele-coil mode) if it has a "T3" or "T4" rating.

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

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

#### FCC Hearing-Aid Compatibility (HAC)

##### Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications

Commission (FCC) Report and Order in WT Docket 01-

309 modified the exception of wireless phones under the

Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities. 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 find 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.

**M Ratings:** Phones rated M meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not rated. M is the better/higher of the two ratings. This Phones rated T3 meet FCC requirements

and are likely to be more usable with a hearing aid's telecoil than phones that are not rated. r hearing aid compatibility with respect to the W-Fi capability. Please power off the Bluetooth function while devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then

added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for better use. A sum of 8 is considered for best use. In the above example, if a hearing aid meets the M level rating and the wireless phone meets the M level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is

defined as a signal quality that is acceptable for normal operation. This methodology applies equally for T ratings. The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard. For information about hearing aids and digital wireless phones FCC Hearing Aid Compatibility and Volume Control:

<http://www.fcc.gov/cgb/dro/hearing.html>

Gallaudet University, FERC:

<https://fjallfoss.fcc.gov/oetcf/eas/reports/GeneralSearch.cfm>

## FCC Statement

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

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

## SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It 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. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. \* Tests for SAR are conducted with the phone 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 phone while operating can be well below the maximum value. This is because the phone 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. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.556 W/kg and when worn on the body, as described in this user guide, is 0.507 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). The maximum scaled SAR in hotspot mode is 0.659 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the

FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: 2BAK2-F101 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow.com> \* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements

## Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

## IC STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s)

Operation is subject to the following two conditions:

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

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue.

The highest SAR value for this model phone when tested for use at the ear is 0.556 W/kg and when worn on the body is 0.507 W/kg. The maximum scaled SAR in hotspot mode is 0.659 W/kg. This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 15mm must be maintained between the

user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

Ce dispositif est conforme aux normes autoriser-exemptes du Canada RSS d'industrie

L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le

brouillage est susceptible d'en compromettre le fonctionnement. Cet équipement est conforme avec l'exposition aux radiations IC définies pour un environnement

non contrôlé. L'utilisateur final doit respecter les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF.

Cet émetteur ne doit pas être co-localisées

ou opérant en conjonction avec une autre antenne ou transmetteur. Ces exigences définissent

la valeur SAR limite à 1.6 W/ kg en moyenne par gramme de tissu. La valeur SAR la plus

élevée pour ce modèle de téléphone testé à l'oreille est 0.556 W/Kg et lorsque porté

sur le corps est 0.507 W/Kg. l'échelle maximale sar en mode hotspot est de 0.659 W/kg

Cet appareil a été testé pour des opérations portés sur le corps typiques. Pour se conformer

aux exigences d'exposition aux radiofréquences, une distance minimale de 15 mm doit être

maintenue entre le corps de l'utilisateur et le combiné, y compris l'antenne.

Les pinces de

ceinture, les étuis et autres accessoires similaires utilisés par cet appareil ne doivent pas

contenir de composants métalliques. Les accessoires portatifs qui ne répondent pas à ces

exigences peuvent ne pas se conformer aux exigences d'exposition RF et doit être évitée.

Utilisez uniquement l'antenne fournie ou une antenne approuvée

