

U673C

Quick Start Guide

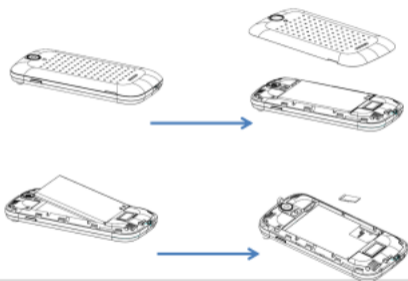
Product Overview



- Remove the back cover



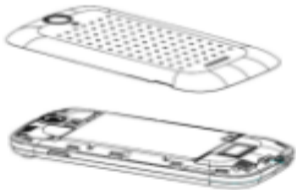
- Assemble MicroSD card



- Assemble the battery



- Assemble the back cover



Getting Started

Turning the phone On/Off

To turn On the phone

1. Press and hold the PWR key for a few seconds.
2. Unlock the screen with your finger.

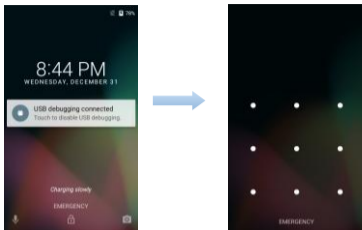
To turn Off the phone

1. Press and hold the PWR key, select Power Off.
2. Tap OK. The phone will be off in a few seconds.

Unlocking Screen

The screen is locked by default when you turn on the phone. To unlock the screen.

1. Press the PWR key.
2. Up sliding screen to unlock the screen. Draw a pattern if the screen is protected by pattern lock. Enter a PIN or a password if the screen is locked by a PIN or a password.



Locking screen

To lock the screen, press the PWR key. It is recommended to lock the screen to protect information in the phone and reduce battery usage.

You can also configure your phone to automatically lock after a certain period of time. Tap → Settings → Display → Sleep to set the sleep time from 15 seconds, 30 seconds, 1 minute, 2 minutes, 5 minutes, 10 minutes, or 30 minutes.

Using touch screen

All of the functions of the phone, except for power and volume, are performed on the touch screen. Therefore, it is essential to know how to use the touch screen.

The following finger actions might help you easily understand how to use the touch screen.

- **Tap:** Touch an item (e.g. application or widget) once that appears on the screen with your finger to run it or access a menu or an option
- **Double tap:** Tap an item twice with your finger
- **Drag:** Tap and hold your finger on an item and move it without losing contact with the screen
- **Flick:** Place a finger on an empty space of the screen and move the screen up or down, or left or right
- **Pinch:** Place two fingers on the screen and move them apart to zoom in a picture, a document or a web page, or move them together to zoom out
- **Select and tap:** Tap an item in the list of options available
- **Press and hold:** Press a key or any item for a few seconds until a list of options appears

Cautions:

- Do not use sharp tools that can scratch the touch screen.
- Do not allow the touch screen to come in contact with chemicals. The screen may malfunction in

chemicals.

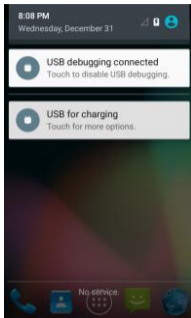
- Do not sit on the phone: the touch screen can be damaged.

Status bar

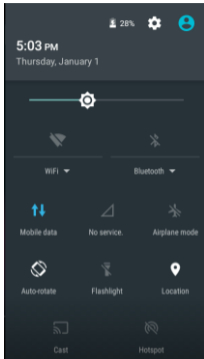
The status bar at the top of the screen notifications from various apps, time, and the states of various devices such as battery status, WLAN status, Signal status and so on.



1. Notification panel displays notification icons to inform you of new Email, messages, and so on. Slide the panel down to view the notifications and then tap a notification icon to view details of the notification.



2. Status panel displays status icons to show the current state of your phone, such as battery charging progress, alarms, Bluetooth, and so on. Slide the panel down to access more settings and configuration options.



Screen orientation

For optimal viewing experience, the screen orientation changes

automatically depending on how you hold the phone.

NOTE: To enable or disable auto-rotate, slide down the status panel and tap the Auto-rotate icon.

Keys and functions



1. Back key

- Tap to return to the previous screen and exit the running application.
- Tap to close the on-screen keyboard in text input mode.

2. Home key

- Tap to return to the main screen.

- Tap and hold to open the Google search.

3. Menu key

- Tap to open the applications list used recently.

Apps and widgets

Apps: Software that allows you to perform a specific task. Your phone is preloaded with a variety of applications, and additional applications can be downloaded from the Play Store.

Widgets: A small application which resides on the home screen and provides quick and easy access to information.

Connecting to the Internet using WiFi


NOTE: The range and quality of the WiFi signal is affected by the distance between the phone and the wireless router, the number of connected devices, infrastructure, and objects through which the signal is transmitted.

1. Tap  → Settings → WIRELESS & NETWORKS → WiFi.


2. Enable WLAN by moving the slider to On position. The phone scans for WLAN networks in range.
3. Tap the network you want to connect to.
4. Type a password (if connecting to a secure network) and tap Connect to connect to the selected WiFi network.



NOTE: To connect to a secured WiFi network, you must provide the security key. If you do not have the security key, contact the person who manages your WiFi network or the router manufacturer.

NOTE: To start a new search for available WiFi networks, on the WiFi screen, tap  → Refresh

Connecting to the Internet using mobile broadband

1. Tap  Settings → WIRELESS & NETWORKS → WiFi, then touch WiFi to disable it.
2. The phone automatically searches for the carrier signal and connects to the network. When the phone is connected to a mobile broadband network, the network type appears in the status bar.

NOTE: On the LTE/HSPA+ models, if both WiFi and mobile broadband networks are available, the phone gives priority to WiFi connection.

Safety Information

The following list shows how to maintain your phone, together with precautions to take.

- Keep your phone and its accessories out of the reach of pets.
- Do not allow children to use your phone. If children use the device, make sure that they use the phone properly.
- Maintain your phone in dry conditions and keep it within normal operating temperatures. Temperatures higher than 55°C (131°F) or lower than -20°C (-4°F) may damage your phone.
- Do not try to dry your phone in a microwave oven. If you do, sparks can occur and cause an explosion or fire.
- Do not use or store your phone in dusty or dirty areas.
- Do not attempt to disassemble your phone.
- Do not drop or cause severe impact to your phone.
- Do not use chemical products, cleaning solvents or detergents to clean your phone.
- If your phone does not work properly, contact your dealer immediately.
- Use only authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and

accessories will void the limited product warranty. Ensure that the battery charger does not come in contact with conductive objects.

Safety and Use

Please read before proceeding

THE BATTERY IS NOT FULLY CHARGED WHEN YOU TAKE IT OUT OF THE BOX. DO NOT REMOVE THE BATTERY PACK WHEN THE PHONE IS CHARGING. YOUR WARRANTY IS INVALIDATED IF YOU DISASSEMBLE OR ATTEMPT TO DISASSEMBLE THE DEVICE.

1. Privacy restrictions

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your phone.

2. Disclaimers

ANY WEATHER, STOCK, OR OTHER INFORMATION, DATA, OR DOCUMENTATION (“ACCESSED INFORMATION”) ARE PROVIDED “AS IS” AND WITHOUT ANY WARRANTY OR ANY TECHNICAL SUPPORT. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, UNIMAX COMMUNICATIONS AND ITS AFFILIATES expressly disclaim any and all representations and

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Important health information and safety precautions

When using this product, the safety precautions below must be taken to avoid possible

legal liabilities and damages. Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire and damage to the equipment, observe the following precautions.

1. Electrical safety

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

2. Safety precautions for proper grounding installation

Connecting to improperly grounded equipment can result in an electric shock to your device.

This product is equipped with a USB Cable for connecting with desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.



3. Safety precautions for power supply unit

1. Use the correct external power source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

This product should be operated only with the following designated power supply unit(s).

Travel charge: Input :100-240V,50/60Hz,

0.15A Output:5V, 750mA

2. Handle battery packs carefully

This product contains a Lithium-ion polymer or Lithium-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 140°F (60°C).



battery is incorrectly replaced. To reduce risk of explosion if do not disassemble, crush, puncture, short external contacts, expose to temperature above 140°F (60°C), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product. Do not store battery in unapproved containers, bags and / or other items. Do not place the battery in a pocket, backpack, purse or other storage medium.

3. Take extra precautions

- Keep the battery or device dry and away from water or any liquid as it may cause a short circuit. It may also cause an explosion.
- Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
- The phone should only be connected to products that bear the USB-IF logo or have



completed the USB-IF compliance program.

- Do not use a battery that appears damaged, deformed, or discolored, or the one that has any rust on its casing, overheats, or emits a foul odor.
- Do not incinerate, dispose of, and / or in anyway keep near a heat source or fire. This is an explosion hazard.
- Always keep the battery out of the reach of babies, small children and animals to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.
- Only use the battery with a charging system that has been qualified with the system per this standard, IEEE-Std-172
5-2006. Use of an unqualified battery and / or charger may present a risk of fire, explosion, leakage or other hazard.
- Replace the battery only with a another battery that has been qualified with the system per this standard, IEEE-Std-172
5-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- 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.
- If the battery leaks:
 - Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical

advice.

- Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
- Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

4. Safety precautions for direct sunlight

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 140°F (60°C), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

5. Prevention of hearing loss

Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.



6. Safety in aircraft

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off your RF on your phone by switching to Airplane Mode.

7. Environment restrictions

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. This device does not have any sort of Intrinsically Safe (IS) certifications and should be treated as such.

8. Explosive atmospheres

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

9. Road safety

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of

wireless devices while driving.

10. Safety precautions for RF exposure

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

11. Interference with medical equipment functions

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

12. Non-ionizing radiation

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radioactive performance and safety of the interference. As with

other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

13. Electrical safety

Accessories

- Use only approved accessories.
- Do not connect with incompatible products or accessories.
- Take care not to touch or allow metal objects, such as coins or key rings, to contact or short circuit the battery terminals.

Connection to a car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and damaged products

- Do not attempt to disassemble the phone or its accessory.
- Only qualified personnel must service or repair the phone or its accessory.

14. General precautions

You alone are responsible for how you use your phone and any consequences of its use. You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

Avoid applying excessive pressure to the device

Do not apply excessive pressure on the screen and the device to prevent damaging them and remove the device from your pants' pocket before sitting down. It is also recommended that you store the device in a protective case and only use the device stylus or your finger when interacting with the touch screen. Cracked display screens due to improper handling are not covered by the warranty.

Device getting warm after prolonged use

When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the Web, the device may become warm. In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.

Heed service markings

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

Protect your phone

- Always treat your phone and its accessories with care and keep them in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories, only authorized personnel must do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum -4°F (-20°C) and maximum 122°F (50°C).
- Please check local regulations for disposal of electronic products. Please recycle when available.
- Do not carry your phone in your back pocket as it could break when you sit down. Damage requiring service
 - Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:
 - Liquid has been spilled or an object has fallen into the product.
 - The product has been exposed to rain or water.

- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.
- Once the battery is removed from OEM packaging, it needs to be stored inside the battery compartment of the device

Avoid hot areas

The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Avoid wet areas

Never use the product in a wet location.

Avoid using your device after a dramatic change in temperature

When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

NOTICE: When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.

Avoid pushing objects into product

Never push objects of any kind into cabinet slots or other openings in the product.

Slots and openings are provided for ventilation. These openings must not be blocked or covered.

Air bags

Do not place a phone in the area over an air bag or in the air bag deployment area. Store the phone safely before driving your vehicle.

Mounting accessories

Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Avoid unstable mounting

Do not place the product with an unstable base.

Use product with approved equipment

This product should be used only with personal computers and options identified as suitable for use with your equipment.

Adjust the volume

Turn down the volume before using headphones or other audio devices. Cleaning

Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen. Small children

Do not leave your phone and its accessories within the reach of small children or allow them to

play with it. They could hurt themselves or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

Repetitive motion injuries

To minimize the risk of RSI, when Texting or playing games with your phone:

- Do not grip the phone too tightly
- Press the buttons lightly
- Make use of the special features in the handset which minimize the number of buttons which have to be pressed, such as message templates and predictive text.
- Take lots of breaks to stretch and relax.

Operating machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

Loud noise

This phone is capable of producing loud noises which may damage your hearing.

Emergency calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee

connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Regulatory agency identifications

1.FCC Regulations:

This mobile phone complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This mobile phone 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 radiated 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.

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

2. RF Exposure Information (SAR)

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

This phone 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 mobile phones 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 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, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.178 W/kg and when worn on the body, as described in this user guide, is 1.178 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

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

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 www.fcc.gov/oet/ea/fccid after searching on FCC ID: P46-U673C

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

HEARING AID COMPATIBILITY HAC FOR WIRELESS TELECOMMUNICATIONS

DEVICES

THIS PHONE HAS A HAC RATING OF M3/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 C63.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an “M” rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a “T” rating that enables the phone to be used with hearing aids operating in the 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 “M3” or “M4” 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 Caution.

§ 15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

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.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.0 cm 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.

FCC Hearing-Aid Compatibility (HAC)

The U673C has been tested for hearing aid compatibility. This device has an M3 and T3 rating. When some wireless devices are used near some hearing devices such as hearing aids and implants, users may detect a buzzing or humming noise. Some hearing devices are more immune than others to this interference noise. Wireless devices may also vary in the amount of interference they generate.

The ratings for compatibility of digital wireless devices with hearing aids are described in the American National Standards Institute (ANSI) C63.19 standard:

M-Rating: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference with hearing devices than phone that are not labeled. M3 is the better/higher of the two ratings. U673C is rated M3.

T-Rating: Phones rated T3 or T4 meet FCC requirements and are likely be more usable with hearing devices' telecoil than unrated phones. T3 is the better/higher of the two ratings.

U673C is rated T3.

The more immune the hearing aid device is, the less likely one is to experience interference noise from the wireless phone. Hearing aid devices may also be rated. Adding the rating of the hearing aid and the phone would determine probable usability:

1. Any combined rating equal to or greater than six offers the best use.

2. Any combined rating equal to five is considered normal use.

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 this device successfully. Trying out this device with your hearing device is the best way to evaluate it for your personal needs. This device has been tested and rated for use with hearing aids for some of the wireless technologies that it utilizes. 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.

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, RERC:

<https://fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.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 radiofrequency (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 **0.894W/Kg** and when worn on the body, as described in this user guide, is **1.402W/Kg**(Body-worn measurements differ among phone models, depending upon available accessories and

FCC requirements). The maximum scaled SAR in hotspot mode is **1.402W/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 RFexposure 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: **P46-U673C** Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.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.

HEARING AID COMPATIBILITY HAC FOR WIRELESS TELECOMMUNICATIONS DEVICES

THIS PHONE HAS A HAC RATING OF M4/T4

WHAT IS HEARING AID COMPATIBILITY?

The Federal Communications Commission has implemented rules and a rating system designed to enable people who wear hearing aids to more effectively use these wireless telecommunications devices. The standard for compatibility

of digital wireless phones with hearing aids is set forth in American National Standard Institute (ANSI) standard C63.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an “M” rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a “T” rating that enables the phone to be used with hearing aids operating in the 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 “M3” or “M4” 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 M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not rated. M4 is the better/higher of the two ratings. This Phones rated T4 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 Wi-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 M2 level rating and the wireless phone meets the M3 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, RERC:

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

Your device meets the M4/T4level rating.