

# Safety and regulatory guide

**htc**

### Please read before proceeding

---

THE BATTERY IS NOT FULLY CHARGED WHEN YOU TAKE THE DEVICE OUT OF THE BOX.

#### Privacy restrictions

Some countries require full disclosure of recorded telephone conversations.

### 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.

#### 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.

#### Safety precautions for proper grounding installation

**CAUTION:** 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.

#### Safety precautions for power supply unit

- **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).

**AC adapter:**

HTC, TC U250

▪ **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.



**WARNING:** Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60° C (140° F), 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.



**NOTE:** This product should be operated only with the following designated Battery Pack(s).

- HTC, Model BM65100

▪ **Take extra precautions**

- Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
- 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.
- Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.
- 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

## 4 Safety and regulatory guide

- 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.

### Safety precautions for direct sunlight

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind 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.

### Prevention of hearing loss

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

### 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 phone by switching to Airplane Mode.

### 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 fuelling 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.

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. 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.

## 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.

## 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.

## Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

## Electrical safety

- Accessories
  - Use only approved accessories.
  - Do not connect with incompatible products or accessories.
- 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.

## 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.

## 6 Safety and regulatory guide

### ▪ Avoid applying excessive pressure to the device

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

### ▪ 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 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 authorised personnel must do so.
- Store your phone or its accessories at temperatures between 0°C to 40°C.
- Please check local regulations for disposal of electronic products.

### ▪ Damage requiring service

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:

- The product has been exposed to rain or liquid, dropped, subject to impact or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

### ▪ 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 rain, or near washbasins or other wet or high humidity locations. If your product gets wet, do not try to dry the product with the use of an oven or dryer, as this may damage your product.

- **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.
- **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. Consult the doctor immediately if the accessories or battery are swallowed.
- **Repetitive motion injuries**  
To minimise the risk of repetitive strain injuries, when texting or playing games with your phone:
  - Do not grip the phone too tightly
  - Press the buttons lightly
- **Electrostatic discharge (ESD)**  
Do not touch the SIM card's metal connectors.
- **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

---

For regulatory identification purposes, your product is assigned a model number of **OPCV220**.

FCC ID: **NM80PCV220**.

To ensure continued reliable and safe operation of your device use only the HTC qualified battery with your **OPCV220: Battery Pack**, model number **BM65100**.

**NOTE:** This product is intended for use with a certified Class 2 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

### Industry Canada 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 Class B digital apparatus complies with Canadian ICES-003.

This Category II radio communication device complies with Industry Canada Standard RSS-310.

### IMPORTANT NOTE:

The Country Code selection for 2.4 GHz WLAN is disabled on this device. Operation in the 2.4 GHz band is restricted to Channels 1 - 11.

### Federal Communication Commission Interference Statement

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 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 or television 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 this equipment.

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

#### **RF Radiation Exposure Statement**

- This equipment has been tested and found to comply with FCC and Industry Canada radiation exposure limits for use in an uncontrolled environment, in accordance with the procedures specified by FCC rules, IEEE 1528, and IEC 62209-2.
- This transmitter has been tested and found to comply with co-location compliance requirements for built-in Bluetooth and WLAN.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a burn may result. Please contact your local dealer for replacement antenna.

#### **FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices**

The FCC has adopted rules to ensure reasonable access to telecommunications services for persons with hearing disabilities. As part of this effort, the industry uses a rating system for wireless phones to help hearing device users find phones that may be compatible with their hearing devices (hearing aids and cochlear implants). This hearing-aid compatibility (HAC) rating system is described in the American National Standards Institute (ANSI) C63.19 standard and includes the following ratings:

**M-Ratings:** *For phones that use acoustic coupling with hearing*

*devices that are not operating in telecoil mode.* Phones rated M3 or M4 meet FCC HAC requirements and are likely to generate less radio frequency interference with hearing devices than phones with lower ratings. M4 is the better/higher of the two ratings. Your **OPCV220** is rated **M4**.

**T-Ratings:** *For phones that use inductive coupling with hearing devices operating in telecoil mode.* Phones rated T3 or T4 meet FCC HAC requirements and are likely to be more usable with a hearing aid's telecoil than phones that are not rated. T4 is the better/higher of the two ratings. Your **OPCV220** is rated **T3**.

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.

The ratings are not guarantees. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs. Results will vary depending on a user's hearing device and hearing loss. For example, if some wireless phones are used near some hearing devices, 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. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully.

Please power off the Bluetooth function while using hearing aid devices with your **OPCV220**.

**For information about hearing aids and digital wireless phones**

FCC Hearing Aid Compatibility and Volume Control:

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

Hearing Aid Compatibility for Wireless Telephones

<http://www.fcc.gov/guides/hearing-aid-compatibility-wireless-telephones>

## Exposure to Radio Frequency Energy

Your wireless device has an internal antenna that emits radio frequency (RF) energy. Human exposure to RF energy has been and continues to be the subject of scientific research. According to the U.S. Food and Drug Administration (FDA), “the weight of scientific evidence has not linked cell phones with any health problems.” You can access this FDA publication and other information on human exposure to RF energy at:

U.S. Food and Drug Administration:

<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/ucm116282.htm>

Federal Communications Commission:

<http://www.fcc.gov/encyclopedia/radio-frequency-safety>

NIH National Institute of Environmental Health Sciences:

<http://www.niehs.nih.gov/health/topics/agents/cellphones/>

Health Canada:

<http://www.hc-sc.gc.ca/hl-vs/iyh-vsv/prod/cell-eng.php>

World Health Organization:

<http://www.who.int/mediacentre/factsheets/fs193/en/>

IEEE Committee on Man and Radiation:

<http://ewh.ieee.org/soc/embs/comar/>

International Commission on Non-Ionizing Radiation Protection:

<http://www.icnirp.de/>

## Specific Absorption Rate (SAR) Testing

Your device has been designed to comply with applicable limits for RF exposure. These limits use a unit of measurement called Specific Absorption Rate, or SAR, which refers to the rate at which the body absorbs RF energy. The Federal Communications Commission (FCC) has established a SAR limit for mobile phones of 1.6 W/kg, which applies in the United States and other countries that follow the FCC’s SAR limit. This limit is based upon standards developed by expert non-government organizations, such as the Institute of Electrical and Electronics Engineers (IEEE) and the National Council on Radiation Protection and Measurements (NCRP), and input from other federal agencies such as the FDA and EPA. In countries that follow the Council of the European Union, the SAR limit is 2.0 W/kg.

SAR testing is conducted with the device placed in common operating positions (e.g., held against the head, worn on the body) and transmitting at its highest certified power level in each

frequency band of operation. Because the device is transmitting at at its highest certified power level, SAR tests capture a worst-case worst-case operating scenario and therefore often do not reflect the amount of RF exposure during normal, everyday use. More information on SAR testing is available on the FCC's website at <http://www.fcc.gov/guides/wireless-devices-and-health-concerns>. HTC Corp. submitted SAR test results demonstrating compliance with the FCC's SAR limit for wireless devices as part of the FCC's equipment certification process for this device. These results can be accessed via the FCC's equipment authorization database (found at <http://transition.fcc.gov/oet/ea/fccid/>) by searching for the device's FCC ID: **NM80PCV220**. This device's maximum SAR values as reported to the FCC are:

- Head: 0.86 W/kg@1g
- Body-worn Accessory: 0.74 W/kg@1g

### Body-worn Operation

This device was tested for compliance with applicable SAR limits during typical body-worn operations. To ensure that RF exposure levels remain at or below the tested levels, use a belt-clip, holster, or similar accessory that maintains a minimum separation distance of 1.0 cm between your body and the device, with either the front or back of the device facing towards your body. Such accessories should not contain any metallic components. Body-worn accessories that do not meet these specifications may not ensure compliance with applicable SAR limits and their use should be avoided.

### Reducing RF Exposure

Organizations such as the FCC have identified the following measures to reduce your exposure to RF energy:

- Use speaker mode or a hands-free accessory to minimize time spent with the wireless device held against your head;
- Increase the distance between the wireless device and your head and body; and
- Send texts instead of making or receiving voice calls.

For more information, see the FCC's web page on Wireless Devices and Health Concerns at

<http://www.fcc.gov/guides/wireless-devices-and-health-concerns>.

### WEEE notice

The Directive on Waste Electrical and Electronic Equipment

(WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.



The WEEE logo (shown at the left) on the product or on its box indicates 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. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

## RoHS compliance

This product is in compliance with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

## Proprietary Notice

© 2013 HTC Corporation. All rights reserved. HTC, the HTC logo, HTC Desire, and the HTC Desire logo are trademarks of HTC Corporation.



91HOXXX-XXM Rev.A