

# Safety and regulatory guide

## Please read before proceeding

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

YOUR WARRANTY IS INVALIDATED IF YOU DISASSEMBLE OR ATTEMPT TO DISASSEMBLE THE DEVICE.

### Disclaimers

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### Limitation of damages

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## Important health information and safety precautions

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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.

- **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 60°C (140°F).



**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. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.



▪ Take extra precautions

- Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
- The device should only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- 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.

### 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 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.

## 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 wireless 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 wireless function 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.

## 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.

## Road safety

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using this device 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 device near metal structures (for example, the steel frame of a building).
- Avoid using your device 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.

## Exposure to radio frequency (RF) signals

Your device contains a radio transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your device, the system handling your connection controls the power level at which your device transmits.

The radiated output power is far below the international radio frequency exposure limits. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Your mobile device is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR.

As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide\*\*.

As SAR is measured utilising the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum power required to communicate with the network.

\*\*Please see the following section about body worn operation

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.

Your device has an internal antenna. Use of unauthorised or modified antennas may impair transmission quality and damage the device, 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 wireless 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. Do not touch or hold the antenna area unnecessarily when using the wireless function. Contact with the antenna area may impair transmission quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the wireless function is IN USE optimises the antenna performance and the battery life.

## Body-worn Operation

This device was tested for typical body-worn operations. A minimum separation distance must be maintained between the user's body and the handset, including the antenna:

- 0.5 cm to comply with the RF exposure requirements in the U.S.

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. Unauthorized antennas, modifications, or attachments could impair wireless quality, damage the device, or result in violation of regulations. Do not use the device with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

## SAR information

1.16 w/kg @1g (body) \*

\* **NOTE:** The 1g SAR value is measured at GSM/GPRS/EGPRS 900/1800 MHz and WCDMA/HSDPA/HSUPA Band I & Band IV. The Body SAR value of 1.16 w/kg @1g has been tested with back of the device kept at 0.5 cm away from the body.

## Interference in cars

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile device in their vehicles unless a handsfree kit with an external antenna is included in the installation.

## 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 device 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.

## Hearing aids

Some digital wireless devices 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.

## Nonionizing radiation

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative 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 transmission quality and damage

the device, 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 device 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 transmission quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the device is IN USE optimizes the antenna performance and the battery life.



## 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 device interface to the vehicle electrical system.
- Faulty and damaged products
  - Do not attempt to disassemble the device or its accessory.
  - Only qualified personnel must service or repair the device or its accessory.

## General precautions

You alone are responsible for how you use your device and any consequences of its use. You must always switch off your device wherever the use of a wireless device is prohibited. Use of your device 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 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 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 device**

- Always treat your device and its accessories with care and keep them in a clean and dust-free place.
- Do not expose your device or its accessories to open flames or lit tobacco products.
- Do not expose your device or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your device or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your device or its accessories.
- Do not attempt to disassemble your device or its accessories, only authorised personnel must do so.
- Do not expose your device or its accessories to extreme temperatures, minimum -20 and maximum 50 degrees Celsius.
- Please check local regulations for disposal of electronic products.
- Do not carry your device 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.

▪ **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 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.

▪ **Air bags**

Do not place a device in the area over an air bag or in the air bag deployment area. Store the device 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 device 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 device. Your device 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 minimise the risk of RSI, when Texting or playing games with your device:

- Do not grip the device too tightly
- Press the buttons lightly
- Make use of the special features in the handset which minimise 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.

▪ **Electrostatic discharge (ESD)**

Do not touch the SIM card's metal connectors.

▪ **Loud noise**

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

## Regulatory agency identifications

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For regulatory identification purposes, your product is assigned a model number of **PG41120**.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your **PG41120**.

Operating temperature range: 32°F to 104°F (0°C to 40°C)

**NOTE:** This product is intended for use with a certified Class 2 Limited Power Source, rated 9 Volts DC, maximum 1.67 Amp power supply unit.

### Federal Communications Commission notice

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.

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 TV reception, which can be determined by turning the equipment on and off, 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 or television technician for help.

### Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by HTC Corporation may void the user's authority to operate the equipment.

### FCC RF Radiation Exposure Statement

- This Transmitter has been demonstrated co-location compliance requirements with Bluetooth and WLAN. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

### RF Exposure Information (SAR)

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

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

The exposure standard 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 EUT transmitting at the specified power level in different channels.

The highest SAR value for the device as reported to the FCC is 1.16 W/kg when placed next to the body.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on FCC ID: NM8PG41120.

This device is compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

## Telecommunications & Internet Association (TIA) safety information

### Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of 15 cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the device more than 15 cm (6 inches) from their pacemaker when the device is turned ON.
- Should not carry the device in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn the device OFF immediately.

### Hearing aids

Some digital wireless devices 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.

### 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.

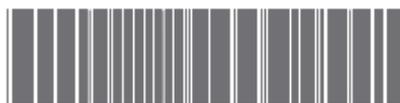


The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling 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 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.





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