

# Safety and regulatory guide

htc

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### Please read before proceeding

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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.

#### Privacy restrictions

Some countries require full disclosure of recorded telephone conversations.

### 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.

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

AC adapter:

HTC, Model TC U250, TC E250, TC B270, TC A250

▪ 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 60C (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. 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 B0PA2100
- 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.
  - 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.
  - 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

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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 or its battery 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.

### Prevention of hearing loss



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

**NOTE:** For France, Earphone (listed below) for this device have been tested to comply with the Sound Pressure Level requirement laid down in the applicable NF EN 50332-1:2000 and/or NF EN 50332-2:2003 standards as required by French Article L. 5232-1.

- Earphone, manufactured by HTC, Model KJAH4020AEOBB.

### 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.

### 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 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.

## 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.

## 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.

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- 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.

### 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.
- 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.
  - 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:

- 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.

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- Repetitive motion injuries  
To minimise the risk of RSI, 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

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For regulatory identification purposes, your product is assigned a model number of 0PA2110.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your 0PA2110.

The Battery Pack has been assigned a model number of B0PA2100.

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.

### European Union notice

Products with CE marking comply with the R&TTE Directive (99/5/EC), the EMC Directive (2004/108/EC), and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms (in parentheses are the equivalent international standards).

- EN 50360
- EN 50566
- EN 62479
- EN 62209-1
- EN 62209-2
- EN 60950-1
- EN 301 489-1
- EN 301 489-3
- EN 301 489-7
- EN 301 489-17
- EN 301 489-24
- EN 300 328
- EN 300 440-1
- EN 300 440-2



- EN 301 908-1
- EN 301 908-2
- EN 301 511

# CE 0560

This equipment may be operated in:							
AT	BE	BG	CH	CY	CZ	DE	DK
EE	ES	FI	FR	GB	GR	HU	IE
IT	IS	LI	LT	LU	LV	MT	NL
NO	PL	PT	RO	SE	SI	SK	TR

## SAR information

Head: 0.57 W/kg@10g (CE) ; Body: 0.62 W/kg@10g (CE)

Head: 0.64 W/kg@1g (FCC) ; Body: 0.66 W/kg@1g (FCC)

## 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:

- 1.5 cm to comply with the RF exposure requirements in Europe

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 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 minor burn may result. Please contact your local dealer for replacement antenna.

## 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 phone and a pacemaker to avoid potential interference

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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 phone more than 15 cm (6 inches) from their pacemaker when the phone is turned ON.
- Should not carry the phone 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 phone OFF immediately.

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.



宏達國際電子股份有限公司  
HTC Corporation

23, Xinghua Rd.,  
Taoyuan 330, Taiwan

# CE0560

## DECLARATION OF CONFORMITY

Intended for use in EU

For the following equipment:

Smartphone

(Product Description)

HTC Desire 310

(Product Marketing Name)

0PA2110

(Product Name)

HTC Corporation

(Manufacturer Name)

No.23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan.

(Manufacturer Address)

is herewith confirmed to comply with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directive, if used for its intended use and that the following standards has been applied:

**1. Health (Article 3.1.a of the R&TTE Directive)**

Applied standard(s): EN 50360: 2001 / A1: 2012 / EN 50566: 2013

EN 62479: 2010 / EN 62209-1: 2006 / -2: 2010

Safety (Article 3.1.a of the R&TTE Directive)

Applied standard(s): EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011

**2. Electromagnetic compatibility (Article 3.1.b of the R&TTE Directive)**

Applied standard(s): EN 301 489-1 V1.9.2 / -3 V1.6.1 / -7 V1.3.1 / -17 V2.2.1 / -24 V1.5.1

**3. Efficient use of the radio frequency spectrum (Article 3.2 of the R&TTE Directive)**

Applied standard(s): EN 300 328 V1.8.1 / EN 300 440-1 V1.6.1 / EN 300 440-2 V1.4.1 / EN 301 908-1 V6.2.1 / -2 V5.2.1 / EN 301 511 V9.0.2

Person responsible for making this declaration:

Philip Blair

(Name and signature)

Product Director

(Position / Title)

United Kingdom

(Place)

2014/02/06

(Date)



Taiwan

宏達國際電子股份有限公司

HTC Corporation

23, Xinghua Rd. Taoyuan 330,



**DECLARATION OF CONFORMITY**

Intended for use in EU

For the following equipment:

Smartphone

(Product Description)

OPA2110

(Product Name)

HTC Corporation

(Manufacturer Name)

No.23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan.

(Manufacturer Address)

is herewith confirmed to comply with the essential requirements of RoHS 2011/65/EU Directive & its amendments.

Person responsible for making this declaration:

Herman Chen

(Name and signature)

Head of Product Safety & Environmental Department

(Position / Title)

Taiwan

(Place)

2014/02/06

(Date)

根據 NCC 低功率電波輻射性電機管理辦法 規定:

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

「減少電磁波影響，請妥適使用」

「SAR 標準值 2.0W/Kg；送測產品實測值為：0.54 W/Kg」

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