

# Safety and Regulatory Guide



Safety and regulatory guide .....

htc



## **Important Safety Information – Read Before Use**

**READ THE FOLLOWING WARNINGS AND INFORMATION BEFORE USE OF THE PRODUCT AND FOLLOW ALL PRODUCT SAFETY AND OPERATING INSTRUCTIONS. FAILURE TO DO SO MAY CAUSE BODILY INJURY (INCLUDING ELECTRIC SHOCK, FIRE, AND OTHER INJURY), PROPERTY DAMAGE, OR EVEN DEATH. IF YOU ALLOW OTHERS TO USE THE PRODUCT, YOU ARE RESPONSIBLE FOR ENSURING EACH USER IS AWARE OF AND FOLLOWS ALL PRODUCT SAFETY AND OPERATING INSTRUCTIONS.**

### **Ensure You Are Able to Safely Use the Product**

Consult your doctor before using the product if you have pre-existing serious medical conditions (such as a heart ailment), conditions that affect your ability to safely perform physical activities, psychiatric conditions (such as anxiety disorders or post-traumatic stress disorder), or if you are pregnant or elderly.

Do not use the product if you are sick, fatigued, under the influence of intoxicants/drugs, or are not feeling generally well, as it may exacerbate your condition.

### **Ensure the Area around You is Safe for Use of the Product**

Always use the product in a clear and safe area. The product is meant for stationary use in a seated or standing position. Clear the play area of people, furniture, fixtures, and other items that may be obstacles or block free motion. Pets should be kept out of the play area. Do not use near stairways, large windows, balconies, heat sources, or other things that may create a hazard when using the product's headset.

While wearing the product's headset you are blind to the world around you. The image displayed in the product's headset will not match the real world. Do not use while driving or engaging in activities that require the ability to view your surroundings. Do not handle sharp objects, hot liquids, or other potentially hazardous items while wearing the product's headset.

Use indoors. Injuries may occur from losing balance on uneven surfaces or from tripping over or running into objects.

### **Use Caution When Charging the Product**

Remain seated if using the product's headset while it is plugged in and keep in mind the location of the charging cable. Standing up or moving around energetically could cause personal injury or damage to the product.

### **Take Care with the Controller**

While using the controller, always check that you have sufficient overhead and surrounding clearance to allow you to fully extend your arms outwards and upwards. Hitting persons or objects may cause injury or damage. Hold the controller firmly and always use the wrist strap. If released during use, the controller may cause injury or damage to surrounding persons, pets, or objects. Do not attempt to open the controller as doing so may lead to you coming into contact with internal parts that could cause electrical shock or electrocution.

### **Photosensitive Seizures**

Like other products that produce visual effects (including light flashes), the product may trigger epileptic seizures, seizures, fainting, or severe dizziness even in people who have no history of these conditions. If you have a previous history of epilepsy or seizures, loss of awareness, or other symptoms linked to an epileptic condition, consult your doctor before using the product. To reduce the likelihood of a seizure do not use the product if you are tired or need sleep.

### **Repetitive Stress Injuries**

Operate the product in a comfortable posture. Do not grip the product too tightly. Press the buttons lightly. If you have tingling, numbness, stiffness, throbbing, or other discomfort, immediately stop using the product and consult your doctor.

### **Physical and Psychological Effects**

Content viewed using the product can be intense, immersive, and appear very life-like and may cause your brain and body to react accordingly. Certain types of content (e.g. violent, scary, emotional, or adrenaline-based content) could trigger increased heart rate, spikes in blood pressure, panic attacks, anxiety, PTSD, fainting, and other adverse effects. If you have a history of negative physical or psychological reactions to certain real life circumstances, or are sensitive to certain types of content, avoid using the product to view similar content.

Similarly, it is important to remember that simulated objects, such as furniture, that may be encountered while using the product do not exist in the real world, and injuries may result when interacting with those simulated objects as if they were real, for example, by attempting to lean on virtual furniture.

### **Hearing Loss**

Do not use the product at a high volume for prolonged periods of time, or permanent hearing loss may occur.

### **Radio Frequency Interference**

The product can emit radio waves that can interfere with the operation of nearby electronic devices. If you have a cardiac pacemaker or other implanted medical device, do not use the product until you have consulted with your doctor or the manufacturer of your medical device. To minimize radio frequency interference, 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 radio frequency exposure guidelines and should be avoided.

### **Avoid Overuse**

Prolonged, uninterrupted use of the product should be avoided. It may negatively impact hand-eye coordination, balance, and/or causes other negative effects. While using the product frequently and for prolonged periods of time, you may experience tiredness or soreness in your muscles, joints, or other body parts. Take regular breaks from using the product. The length and frequency of necessary breaks may vary from person to person.

### **Stop Using If You Experience Any Discomfort**

Allow time for your body to adjust to the virtual world. Stop using the product and consult your doctor if you experience any of the following symptoms:

- Seizures, loss of awareness, convulsions, involuntary movements, dizziness, disorientation, nausea, lightheadedness, drowsiness, or fatigue;
- Eye pain or discomfort, eyestrain, eye twitching, or vision abnormalities (such as altered, blurred, or double vision);
- Itching, eczema, swelling, irritation of the skin or other discomfort;
- Excessive sweating increased salivation, impaired sense of balance, impaired hand-eye coordination, or other symptoms similar to motion sickness. Until fully recovered from these symptoms, do not drive, operate machinery, or take part in activities that may have potentially serious consequences.
- Use in a moving vehicle such as a car or bus is not recommended and may exacerbate any adverse symptoms.
- The type of content you were viewing may cause or exacerbate your symptoms. Continuing to use such content may make you prone to experiencing the same symptoms.
- Before resuming any use of the product, make sure that it is properly configured.

### **Use by Children**

The product was not designed to be used by children. Do not leave the product within the reach of young children or allow them to use or play with it. They could hurt themselves or others, or could accidentally damage the product.

The product may contain small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard for young children. Consult your doctor immediately if any parts of the product or accessories are swallowed.

If older children are permitted to use the product, then adults should monitor them closely for any negative effects during and after their use of the product. Do not allow older children to use the product if negative effects are observed. Adults should also ensure that older children avoid

prolonged use of the product.

## **General Use and Maintenance Instructions**

### **Electrical safety**

This product is intended for use when supplied with power from the designated batteries or power supply units. Other usage may be dangerous and will invalidate any approval given to this product. Do not connect with incompatible products or accessories. Do not attempt to disassemble.

### **Safety precautions for proper grounding installation**

CAUTION: Connecting to improperly grounded equipment can result in an electric shock.

### **Safety precautions for power supply units/Batteries**

#### **· 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).  
Headset : HTC, Model TC P5000-US, TC P5000-EU, TC P5000-UK, TC P5000-AU.

#### **· Handle battery packs carefully.**

Keep batteries out of the reach of children.

Do not drop or expose to liquid. Do not attempt to remove the battery in the product's headset or controller.

The product's headset contains a lithium-ion polymer or lithium-ion battery. There is a risk of fire and burns if a battery pack is handled improperly.



WARNING: To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts or circuits, expose to temperature above 60° C (140° F), or dispose of in fire or water. Always recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product



### **Safety precautions for environmental conditions**

#### **· Keep the product away from excessive moisture and extreme temperatures.**

Do not leave the product in places such as on a window sill, or behind glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage or overheat the battery, or otherwise pose a risk of damage to the product or surrounding persons or property.

Do not allow the product to be exposed to rain or other sources of moisture.

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

#### **· Avoid using the product after a dramatic change in temperature.**

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

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

## **General precautions**

- Protect the product. Always treat the product and its accessories with care.
  - Do not use near a heater, fireplace, direct sunlight, air conditioning unit or other source of direct energy.
  - Do not expose product to liquid.
  - Do not use the product in any potentially explosive atmosphere or where flammable materials exist.
  - Use only accessories approved for use with the product. Do not connect with incompatible products or accessories.
  - Do not attempt to open, take apart or otherwise disassemble this product or its accessories.
  - Keep product in a clean and dust-free place.
  - Do not expose the product or its accessories to open flames or lit smoking products.
  - Do not drop, throw or bend the product or its accessories.
  - Do not paint or apply any coating to the product or its accessories.
  - Store the product and its accessories at temperatures between 0°C to 40°C
- Please check local regulations for disposal of electronic products
- Never push objects of any kind into slots or other openings in the product. Slots and openings may be provided for ventilation. These openings must not be blocked or covered.

### **Faulty and damaged products/Service**

- If user suspects damage or identifies signs of overheating, stop use and return product to a service center for inspection.
- If the product is exposed to liquid or excessive heat, or does not operate normally when you follow the operating instruction, stop use and return product to a service center for inspection.
- Do not attempt to disassemble or service the product or its accessories.
- Only qualified personnel must service or repair the product or its accessories.
- Do not use a damaged product as personal injury or further damage may result.

### **Cleaning the product**

Unplug the product from its power source before cleaning. Use a soft damp cloth for cleaning, but NEVER immerse the product in water or cleaning solutions. Do not use harsh chemicals, cleaning solvents, liquid cleansers or aerosols to clean the product or its accessories.

### **Prevention of hearing loss**



CAUTION: Permanent hearing loss may occur if product's headset is used at high volume for prolonged periods of time. This device has been tested to comply with the Sound Pressure Level requirement laid down in the applicable EN 50332-1 and/or EN 50332-2 standards.

### **Regulatory agency identifications**

For regulatory identification purposes, your product headset is assigned a model number of 2Q27200.

Your product's FCC ID is NM82Q27200. This FCC ID can also be found printed on the product.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your 2Q27200.

- Battery Pack with model number B2PXH100.
- Certified Limited Power Source (LPS), [rated 5 Volts DC, minimum 2.5 Amp power supply unit or rated 9 Volts DC, minimum 1.7 Amp power supply unit].

For regulatory identification purposes, your controller is assigned a model number of IHM100.

Your controller's FCC ID is NM8IHM100. This FCC ID can also be found printed on the product.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your IHM100.

- Certified Limited Power Source (LPS), [rated 5 Volts DC, minimum 0.5 Amp power supply unit or USB port of power supply].

### **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.

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

### **Radio Frequency exposure**

This product meets the U.S. Federal Communications Commission's (FCC) requirements for exposure to radio waves and is designed and manufactured not to exceed the FCC's emission limits for exposure to radiofrequency (RF) energy. This product and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

### **Industry Canada Statement**

This device complies with Industry Canada's license-exempt RSSs. 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.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

ICES-003 Compliance label CAN ICES-3(B)/NMB-3(B)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

L'appareil peut interrompre automatiquement la transmission en cas d'absence d'informations à transmettre ou de panne opérationnelle. Notez que ceci n'est pas destiné à interdire la transmission d'informations de contrôle ou de signalisation ou l'utilisation de codes répétitifs lorsque cela est requis par la technologie.

L'appareil fonctionnant dans la bande 5150-5250 MHz est réservé à une utilisation en intérieur afin de réduire les risques de brouillage préjudiciable pour les systèmes mobiles par satellite dans le même canal.

### **European Union Notice**

Products with CE marking comply with the Radio Equipment Directive (2014/53/EU) issued by the Commission of the European Community.

This radio equipment operates with the following frequency bands and maximum radio-frequency

power:  
Maximum Tune-up Conducted Power (dBm)

Headset

Bluetooth: 6.72  
802.11 b: 18.11  
802.11 g: 17.65  
802.11 n HT20 (2.4GHz): 17.84  
802.11 n HT40 (2.4GHz): 17.26  
802.11 a: 17.38  
802.11 n HT20 (5GHz): 17.57  
802.11 n HT40 (5GHz): 17.52  
802.11 ac: 17.8

Controller

Bluetooth: 2.8

The operation of 5.15-5.35GHz is restricted to indoor use in all EU Member States.

**RF Exposure Information (SAR)**

Head: 0.105 W/kg@10g (CE), 0.47 W/kg@1g (FCC)  
Handy: 0.414 W/kg@10g (CE), 0.43 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:

0 cm to comply with the RF exposure requirements in Europe  
0 cm to comply with the RF exposure requirements in the U.S.

**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 discarded in a landfill. Electronic devices contain substances that may be hazardous to the environment if not properly disposed of. 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.

**Prop 65 Warning**



WARNING This product can expose you to chemicals including BPA, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**CEC Appliance Efficiency Compliance**



The BC logo (shown at the left) indicates that this product complies with the California Energy Commission (CEC) energy efficiency standards for battery charger systems set forth at California Code of Regulations Title 20, Sections 1601 through 1608.

**Proprietary Notice**

© 2018 HTC Corporation. All rights reserved. HTC, the HTC logo, VIVE, VIVE FOCUS, VIVEPORT, and all other HTC product and service names are the trademarks or registered trademarks in the U.S. and/or other countries of HTC Corporation and its affiliates.



## DECLARATION OF CONFORMITY

Intended for use in EU

For the following equipment:

**VIVE Headset**

(Product Marketing Name)

**2Q27200**

(Model Name)

**HTC Corporation**

(Manufacturer Name)

**23 Xinghua Road ,Taoyuan District, Taoyuan City 330, Taiwan**

(Manufacturer Address)

**0.91.999.1**

(Software Version)

**Adapter, USB Cable**

(Supplied Accessories and Components)

is herewith confirmed to comply with the essential requirements of Article 3 of the Directive 2014/53/EU, if used for its intended use and that the following standards has been applied:

**1. Health (Article 3.1a of the Directive 2014/53/EU)**Applied standard(s): EN 50566:2017; EN 62209-2: 2010; EN 62479: 2010**2. Safety (Article 3.1a of the Directive 2014/53/EU)**Applied standard(s): EN 60950-1: 2006+ A11:2009+A1:2010+A12:2011+A2:2013**3. Electromagnetic compatibility (Article 3.1.b of the Directive 2014/53/EU)**Applied standard(s): EN 301 489-1 V2.2.0 (Draft) ; EN 301 489-17 V3.2.0 (Draft); EN 55032: 2015+AC:2016-07 ; EN 55024 : 2010:A1:2015; EN 50332-2:2013**4. Efficient use of the radio frequency spectrum (Article 3.2 of the Directive 2014/53/EU)**Applied standard(s): EN 300 328 V2.1.1 ; EN 301 893 V2.1.1**Additional Compliance:**Energy : Regulation 278/2009Restricted Substances : EN 50581:2012, RoHS Directive 2011/65/EU

The notified body (Name: **Telefication**, ID: **0560**, Module B+C) performed the conformity assessment according to Annex III of the RE Directive and issued the EU-type examination certificate (Ref. No.: 182140174/AA/00).

Person responsible for making this declaration:

**Michael Yang**

(Name and signature)

**Product Manager**

(Position / Title)

**Taiwan**

(Place)

**April 11, 2018**

(Date)



## DECLARATION OF CONFORMITY

Intended for use in EU

For the following equipment:

**VIVE Controller**

(Product Marketing Name)

**IHM100**

(Model Name)

**HTC Corporation**

(Manufacturer Name)

**23 Xinghua Road ,Taoyuan District, Taoyuan City 330, Taiwan**

(Manufacturer Address)

**1.5.005.1.**

(Software Version)

is herewith confirmed to comply with the essential requirements of Article 3 of the Directive 2014/53/EU, if used for its intended use and that the following standards has been applied:

**1. Electromagnetic compatibility (Article 3.1.b of the Directive 2014/53/EU)**Applied standard(s): EN 301 489-1 V2.2.0 (Draft); EN 301 489-17 V3.2.0 (Draft); EN 55032: 2015+AC:2016-07 ; EN 55024 : 2010:A1:2015; EN 300 328 V2.1.1 ; EN 62479: 2010**Additional Compliance:**Restricted Substances : EN 50581:2012, RoHS Directive 2011/65/EUThe notified body (Name: **Telefication**, ID: **0560**, Module B+C) performed the conformity assessment according to Annex III of the RE Directive and issued the EU-type examination certificate (Ref. No.: ).

Person responsible for making this declaration:

**Michael Yang**

(Name and signature)

**Product Manager**

(Position / Title)

**Taiwan**

(Place)

**April 11, 2018**

(Date)

