



## Video Conference Wireless - VC1080W

### User Manual



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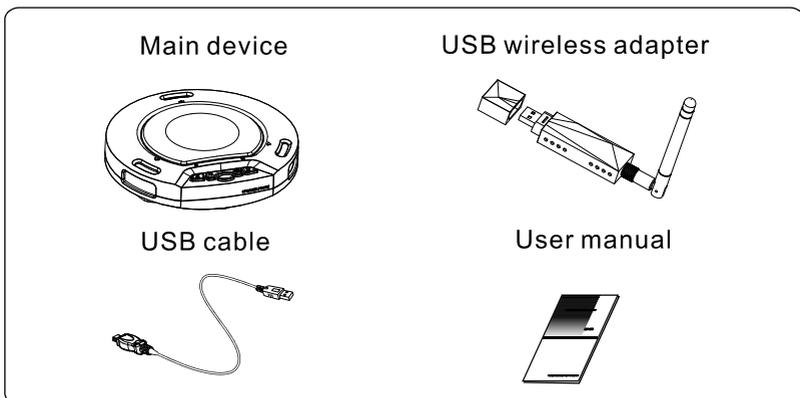
## **Product Overview**

This 2.4GHz wireless digital conference phone is ideal for high-end audio/video networking conferences. It is applicable for software video conference systems, large-screen AIO video systems, Skype, QQ and other voice and video chat applications. With an audio adapter connected, it is compatible for various hardware video conference systems, education & training systems, network monitoring systems, telemedicine systems, smart city systems and conference recording and playing systems. The palm-sized portable device features plug-and-play without the need of driver installation. The audio output port enables the use of digital amplifier and external speakers. USB and 6.5mm audio ports are provided; XLR adapter is optional.

### **Main features:**

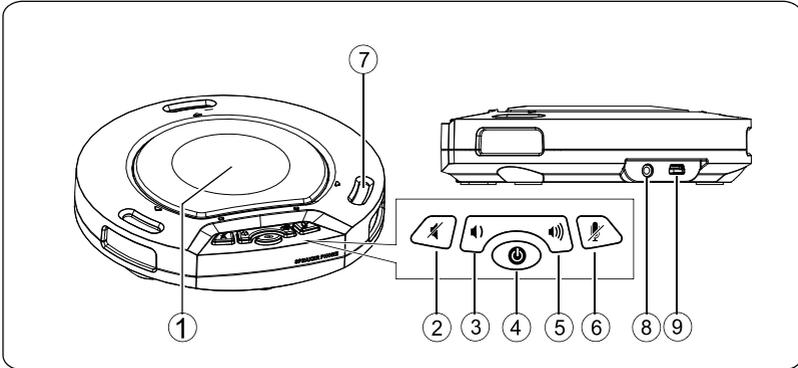
1. Adapts wireless digital technology and strong anti-interference technology; support intelligent frequency hopping at multiple frequency bands.
2. Employ digital microphone, broadband speaker output and speech enhancement.
3. No driver needed in USB mode; supporting operating systems like Windows and Android.
4. USB and 6.5mm audio ports are provided; XLS adapter is optional.
5. Built-in battery with intelligent power saving function; simple charging is achieved via USB.
6. Support audio output; headphone and active speaker can be connected.
7. Adopt the second-generation intelligent echo cancellation technology.
8. Algorithms for echo cancellation, noise cancellation, automatic gain control, etc, are built-in.
9. Support special wireless audio kits.

### **Packing List:**



## Device Description

### A. Description of Structure and Functions



#### **1. Loudspeaker:**

The loudspeaker produces sound in response to an electrical audio signal input.

#### **2. Loudspeaker Mute button:**

Press  to turn off the sound output of the loudspeaker. Press  again to turn on the sound output of the loudspeaker.

#### **3. VOL - Button:**

Press  to turn of the volume of the loudspeaker gradually.

#### **4. Power button:**

Long press this button to make the device enter the standby mode (the bottom left blue light will blink) to wait for connection of the wireless adapter; during working, long press this button to power off the device. When power is supplied via USB, short press this button to power on the device.

#### **5. VOL + Button:**

Press  in turn, it will gradually turn up the volume of the loudspeaker.

#### **6. Microphone Mute Button:**

Press  to turn off all microphones. To cancel the mute function, please press  again.

#### **7. Microphone:**

Record sound.

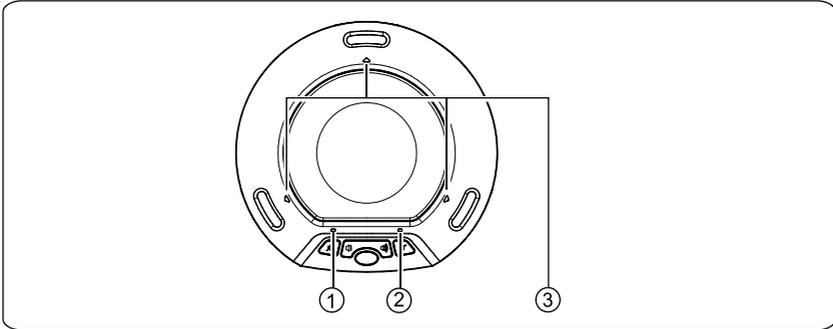
#### **8. AUDIO port:**

Used to connect with audio cable.

#### **9. USB port:**

Used to connect with USB cable.

## B. Description of Indicator Status



- 1. Bottom left indicator:** When the loudspeaker gives out sound normally, the light is off; when the loudspeaker is muted, the light is on; when the loudspeaker is adjusted to the maximum/minimum volume, the light will blink.
- 2. Bottom right indicator:** The blue light will turn on when the microphone is muted. When the built-in battery level is low, the orange light will blink; In standby and shutdown mode, the light will bright orange light when charging, upon full charging, the orange light is off.
- 3. Triangular indicator:** When the device is powered on, the blue light will blink once with high light and then go off, the device will stay in standby mode; when there is wireless connection, the blue light will stay on with low light.

## C. USB Power Supply and Charging

1. This device is provided with a built-in rechargeable battery. Before using the device for the first time, please charge the battery fully.
2. When one end of the USB cable is inserted into the USB port on the device and the other end of the USB port on the computer or to USB power supply, power will be supplied to the device and built-in battery will be charged. At the same time, the device will be powered on automatically.
3. Upon full charging, the bottom right orange light is off (in standby and shutdown mode)
4. When charging is finished, you can disconnect the USB cable from the device for use during wireless movement.
5. In case of low battery during use, the bottom right indicator will turn orange and blink. In such case, please timely use the USB cable to charge the built-in battery.

### Notes:

- 1) Any USB charger without a Safety Certificate may cause explosion or damage the built-in battery.
- 2) As a consumable, the built-in battery will gradually lose its function after a certain amount of charge-cycles.

## Description of Function Application

### A. Application of Computer Network Teleconference Function

Connected via the USB wireless adapter, this device can be used as an external microphone or speaker for computer, enabling computer network teleconference.

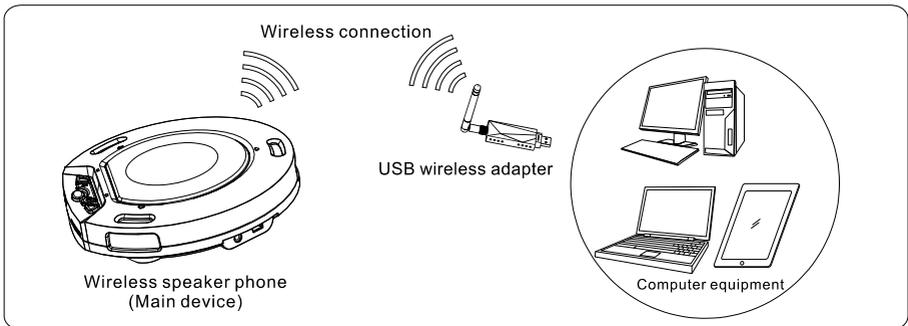
#### 1. Preparation before use

This device is compatible with computers equipment installed with operating systems such as Microsoft Windows XP / Vista / 7 / 8, USB 1.1 or higher (USB 2.0 recommended) port and Internet connection are required; an IM application or VoIP package (e.g. QQ, Skype) with network call function should be installed.

The USB cable of the device is plug-and-play without the need of driver installation.

#### 2. Power-on and Wireless Connection

Long press the power button until the device is turned on and enters the standby mode. At this moment, the bottom left blue light blinks continuously, waiting for connection. When the USB wireless adapter is connected to the USB port on the intelligent computer equipment, the USB driver will be automatically installed on the computer. At this moment, the triangular indicator will turn blue, suggesting successful wireless connection between the device and the intelligent computer equipment.



#### Notes:

- 1) You cannot connect other loudspeaker products together with the device to the PC.
- 2) Please connect the device directly to the PC. Connecting via USB hub might result in operation problems.
- 3) In case of successful connection, "the device name" as the default device in the Pc's Control Panel - Sounds and Audio Device - Play (output) and Record (Input). Otherwise you have to select "the device name" manually as the default device.

### **3. Voice Call**

Launch the software with the function of Internet call on the PC, enable the phone function according to the instruction of the software. After the Internet call goes through, you can have an Internet call with your counterpart.

### **4. Adjusting the sound volume of the loudspeaker**

During the conference call, if the sound volume of the loudspeaker is too low or too high, you can press  or  of the main device repeatedly to adjust it to a suitable level. If the sound volume is still not suitable, you can adjust the sound volume of the loudspeaker on the PC.

### **5. Adjusting the sound volume of the microphone**

During the conference call, to mute your sound heard by the counterpart is too low or too high, you can ask the counterpart to adjust the sound volume of the receiver. If it's still not suitable, you can adjust the sound volume of the microphone on the PC.

### **6. Mute the microphone**

During the conference call, to mute your sound, please press  of the main devices. The mute indicator of the working microphone will be off. At this time, you can hear the sound of the counterpart, but the counterpart cannot hear your sound. To cancel the mute status, please press  of the main device again. At this moment, the mute indicator of the microphone will be off while the indicator of the working microphone will be on.

### **7. Mute the loudspeaker**

During the conference call, press  to turn off the sound of the speaker, and the mute indicator of loudspeaker will turn on; to turn on the sound of the loudspeaker, please press  again and the mute indicator of loudspeaker will turn off.

### **8. End the conference call**

In accordance with the operation instructions of the Internet call software, end the call with the counterpart to end the Internet call conference.

### **B. Music Playing and Audio output port**

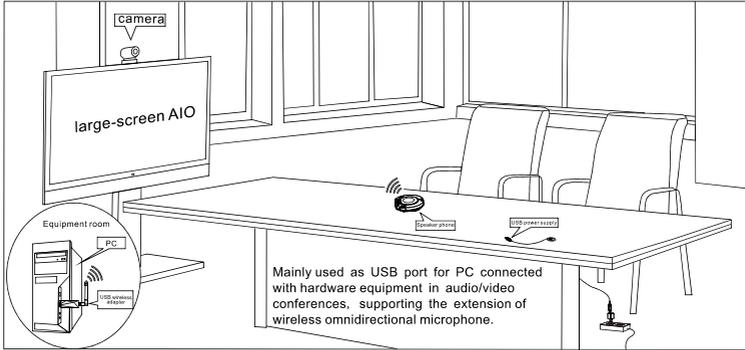
The product can be used as an external portable microphone and loudspeaker of the PC or mobile phone. Following the aforesaid connection method, you can play the music and record sound on the PC with the music player or recording app on the PC or mobile phone.

### C. Support functional extension of special wireless audio kit

For functional extension in standard application, please see the following application scenarios of the special audio kit:

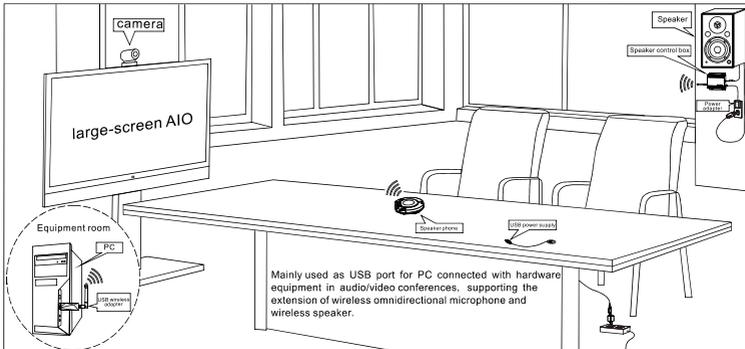
#### 1. Standard application scenario 1 (this product):

Standard configuration, comprising of a USB wireless adapter and an omnidirectional microphone device.



#### 2. Extended application scenario 2 (limited to some models):

Comprising a USB wireless adapter, an omnidirectional microphone device and a wireless speaker control box.

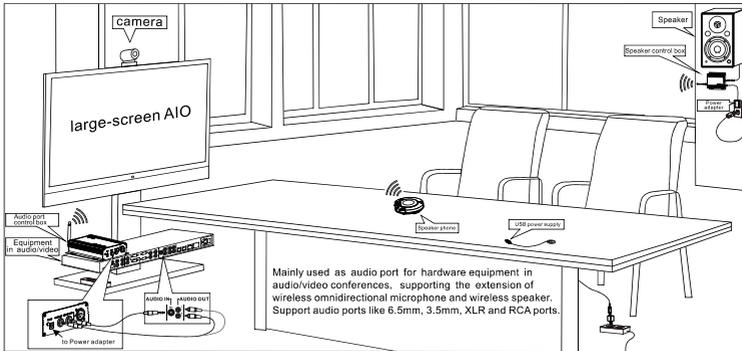


#### Connection of wireless speaker control box:

Unpack the speaker control box and take it out; tighten the folded antenna onto the TAN antenna connector on the control box. Properly connect the audio input cable and the power adapter of the active speaker, as shown in the figure. After power-on, it can work in the wireless connection state. As for USB wireless adapter and the omnidirectional microphone, you can follow the above operation instructions.

### 3. Extended application scenario 3 (limited to some models):

Compromising an omnidirectional microphone device, a wireless audio port control box and a wireless speaker control box.



#### Attention:

1. To obtain the best performance, please read the instructions carefully and keep it for future reference.
2. Please install the product in a dry place with good ventilation, avoiding direct sunlight, vibration, wet and cold elements and keep away from heat sources and dust.
3. Please keep the product far from motors, transformers, and other electronic equipment to avoid disturbance.
4. Do not expose product to extreme temperature variations or humidity to prevent condensation occurring inside, this may cause electric shock, fire, damage to the equipment, or personal injury.
5. Never install the product in a place where external objects may drop and liquid may splash.
6. The following should never be put on the product:
  - 6.1) Sporadic components since they will cause damage and discoloration to the product surface.
  - 6.2) Burning objects (such as candles), since they may cause fire, damage to the product, and personal injury.
  - 6.3) Containers holding liquid, since liquid will cause electric shock to the user and damage to the product once containers overturn.
7. Never put the product in a place affected by water ponding.
8. For heat dissipation, never cover the product with the objects like paper, table cloth and curtain. The rise of the inner temperature of the product may cause fire, damage to the product and personal injury.
9. Never install the product near electrical appliances such as induction cooker and microwave oven to prevent operation failure caused by electromagnetic wave and magnetic field .

10. Keep your hand dry when connecting or disconnecting the USB cable to prevent electric shock.
11. Never use brute force when using USB cable, which may cause fire, electric shock, damage, short circuit and open circuit.
12. When unplugging the USB cable, please hold the plug part and never pull the cable.
13. Unplug all cable before cleaning the product - this may damage casing.
14. Never use chemical solvents to clean the product. Please use clean and dry cloth.
15. To prevent damage caused by thunder, please disconnect the USB cable in the lightning and thunderstorm weather.
16. Please use the USB cable supplied with the product. Other USB cables may cause electric shock or fire.
17. Please unplug USB cables from PC if you do not intend the long-term use of this product to prevent fire.
18. Never loosen screws of the product at will, which may cause poor sealing and influence the quality and effect.
19. Never try to repair the product by yourself.  
Please contact Parrot Products for assistance.