



## USER MANUAL

### Notes

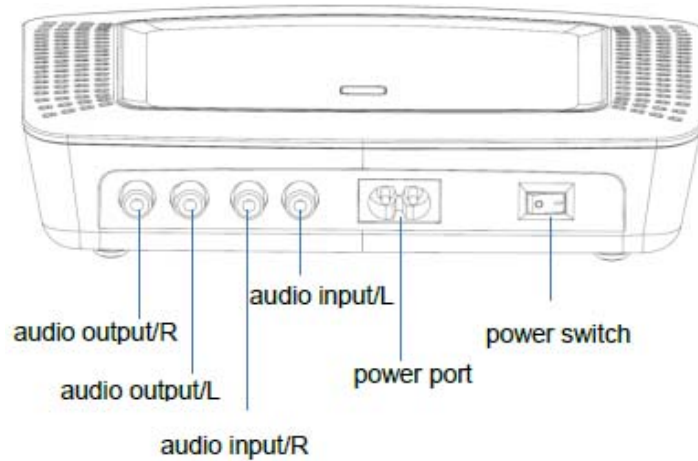
- The product components which supply voltage is greater than safety voltage should be installed or placed out of children's reach.
- Do not use other power cords except for standard one coming together with the device as this could cause a burning hazard
- Unqualified service personnel do not open the housing as there might be an electric shock.
- Make sure the line voltage corresponds to the power of the receiving host before use. Unplug the receiving host when unused for long periods of time.
- Do not install or place the device near any heat sources, such as furnace, heat transfer tube, power amplifier, etc. Do not expose this device to direct sunlight, dust and moisture. Do not install the device in any place which have mechanical vibrations or would get vulnerable strike. For better performance, it should be placed far away from high voltage transmission grid, large metal objects, radar station and any other equipment related.
- Install properly to prevent slipping and avoid breaks as this is a portable device.
- Do not dispose of this microphone in a fire as it is with a build-in battery.

Please retain this manual properly for future reference.  
This is the general manual for wireless microphone and there might be slight differences between the actual product and the descriptions.

## Introduction

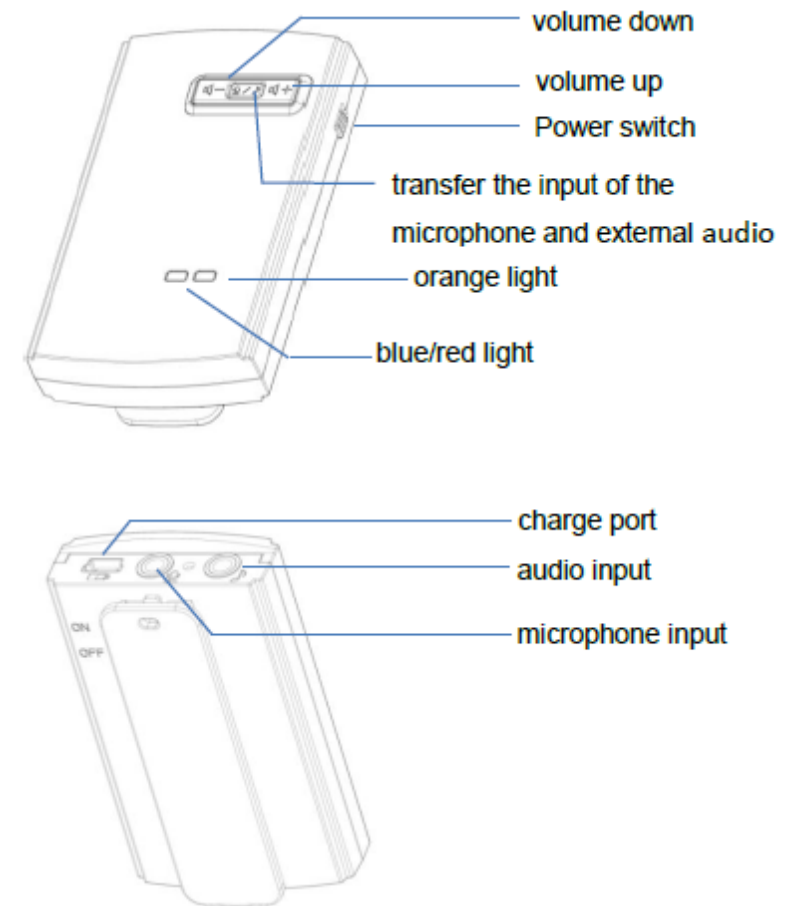
- The maximum wireless transmission distance is 50 meters in open area without barriers, and 15 meters indoor.
- Working frequency: 2.4GHz free frequency.
- After power on, the microphone and the receiving host will pair、connect、lock each other automatically in short distance. Simultaneous Dual-MIC performance is available.
- With built-in antenna for both microphone and receiving host, there is no need for external one.
- With audio input and output ports in receiving host, it ensures that the voices can be output together with the wireless microphone in active speaker when the external audio such as PC or DVD are connected.
- Each of the two microphones can be used in any classroom simultaneously without interference. It can connect with the external audio device. When one of the microphones is used for speaking, the other one can be used for wireless transmission of stereo audio from PC, mobile phone and etc. without interference.
- Automatic pairing figures of the microphone and receiving host: distance  $\leq 2\text{m}$  and time  $\leq 1\text{s}$ . No waiting and successful pairing is completed after power on.
- With volume adjustment in microphone.
- With built-in rechargeable Li-battery, this microphone can work continuously over 10 hours.

## Receiver



During using, the audio-input port can be connected with the PC, DVD and some other media player devices. All these audio signals will be output together with the voice from the microphone.

## Microphone module



## Methods to use

Turn on the receiving host and indicator is ON, then receiver is waiting for pairing. Put the transmitter close to the receiving host (pairing distance within 2m) and turn on for automatic pairing. Pairing is successful when the transmitter indicator flashes blue then the transmitter is ready for use.

## Status description of the microphone

- ➡ Blue light—The transmitter and receiver pairing is successful when MIC flashes blue after power on, and it's ready for use; If the blue and red light are ON after power on, the transmitter and receiver failed to pair and need to repair as this manual shows.
- ➡ Red Light—There might be interference between the transmitter and receiver if MIC flashes red after power on. The stronger interference, the faster red flashes. If the red light is ON, there will be no communication between the transmitter and receiver. You should close the interference in time so as not to affect the normal use of this product.
- ➡ Orange light—If it flashes during use, the battery is very low and should be recharged; It will flash during charging and is ON when fully charged.
- ➡ Dormant: The transmitter will be dormant when is disconnected with or out of communicating range of the receiver in 15s after power on. You can wake up the transmitter by pressing the volume or power bottom, and it will search the receiver automatically.
- ➡ If the indicator light of the microphone does not work after power on, then the battery should have run out of power and need to be recharged.

## Product parameters

### 2.4G wireless receiving host

- ➡ Input voltage: AC 220V
- ➡ Frequency range: 2400~2483.5MHZ
- ➡ Modulation system: FSK
- ➡ Frequency response range: 50 Hz~18 KHz
- ➡ Sensitivity:  $\geq -95\text{dBm}$
- ➡ SNR: 85dB

### 2.4G Wireless microphone

- ➡ Input voltage: 3.3V~5V
- ➡ Current consumption: <45mA
- ➡ Frequency range: 2400~2483.5MHZ
- ➡ Modulation system: FSK
- ➡ Transmitted power: 10dbm
- ➡ Frequency response range: 50 Hz~18 KHz
- ➡ SNR: 85dB

## ● FCC Notices

1. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.
2. This device complies with Part 15 of the FCC Rules. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The contents in this manual are subject to be changed without prior notice.

We have made effort to put across this manual. If there are any ambiguity or error, omission and etc., please verify with us. We do not undertake any responsibility for the losses and injuries caused by not confirming with us.