

8. Multiple System Setup

More than two systems can be used simultaneously (band and RF environment dependent).
Important: Set up each system one-at-a-time.

Step 1: Turn off the receiver.

Step 2: Turn off the transmitter. Press the POWER button and SET button together for at least 2 seconds till the transmitter panel display flashes.

Step 3: Turn on the receiver, briefly press SET button on the transmitter, the transmitter frequency matches with receiver automatically, RF and frequency icon displays on the receiver or RF LED on receiver lights up, leave the transmitter powered on.

Step 4: Follow the same procedure to set another system. Press SET button on the transmitter again to change new frequencies different to the previous system.

9. Specification

System

Frequency range: 550MHz --- 590MHz

Modulation mode: DQPSK

Audio sampling rate: 48KHz

Channel spacing: >300KHz

Audio signal to noise ratio: >96dB

Frequency response: 30Hz--20 kHz

Oscillation mode: VCO oscillation inside the chip

Receiver

Antenna: BNC/50Ω

Sensitivity: -96dBm

Harmonic interference ratio: >80dB

False interference ratio: >70dB

Power consumption: ≤ 2W

Audio output: Φ 6.35 socket mixed unbalanced output

Power: DC 12V / 500mA

Receiving distance: 50 meters in an ideal environment

Transmitter

Frequency range: 550MHz---590MHz

Transmit power: 10mW

Maximum input sound pressure: 100dB

Cartridge : Dynamic

Audio frequency response: 30Hz~20KHz±3dB

Battery: AA 1.5V×2

Battery life: more than 6 hours when normal power is emitted

10. Troubleshooting

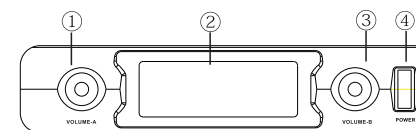
Problem	Solution
Available distance is short, noise	- Check if the receiver antenna is connected. - Keep the receiver away from digital products, such as karaoke machines and electronic devices. - Place the receiver at least 1 meter above the ground and the wall. - Don't let metal objects block the receiver. - Please change a new frequency when interference.
No sound when using suddenly	Check if the transmitter's batteries are flat and replace the batteries.
Transmitter is power off	Check if the transmitter's batteries are flat and replace the batteries.

PREFACE

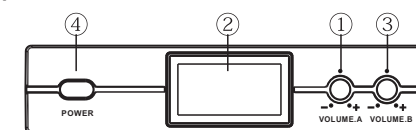
Thank you for purchasing our products, please read the instructions of the corresponding model carefully before using. This series of product is full digital design, the sound is more fidelity and larger dynamic range. Adopting a new transmitting frequency technology, one button setting frequency on transmitter, automatic matching with receiver. Which is simple and easy to operate. 40 frequencies per channel are available (different frequencies in different countries will be more or less), built-in exclusive ID code tracking, same frequency does not interfere with other devices when using. It solves the problem of frequency and strong signal interference effectively. The optional frequency range between is 500MHz-980MHz. The exact frequency for using will be according to different countries requests.

Product overview

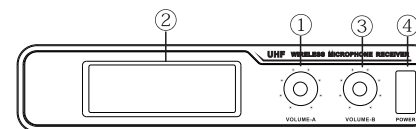
1. Overview of the receiver front panel



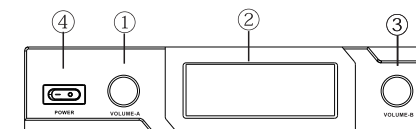
Type A



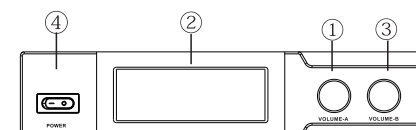
Type B



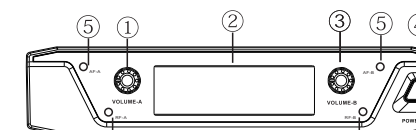
Type C



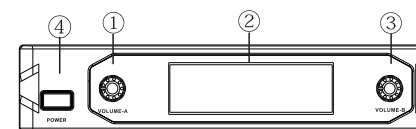
Type D



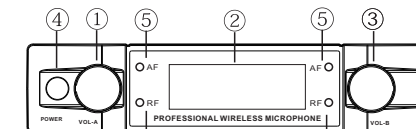
Type E



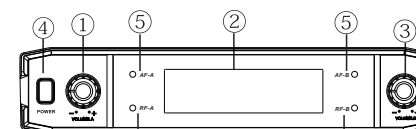
Type F



Type G



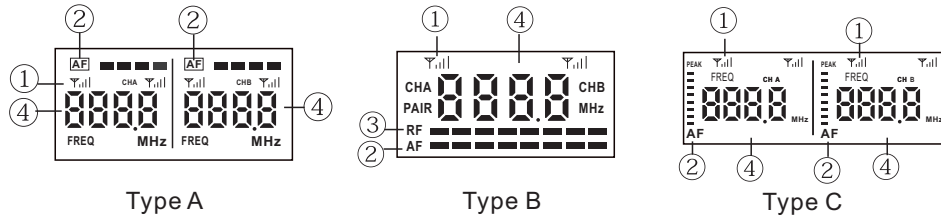
Type H



Type I

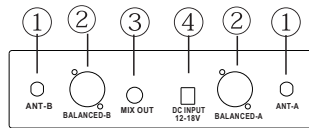
- ① Channel A volume control
- ② Display panel
- ③ Channel B volume control
- ④ Power switch
- ⑤ Channel A/B audio signal level indicator
- ⑥ Channel A/B radio frequency signal level indicator

2. Display panel



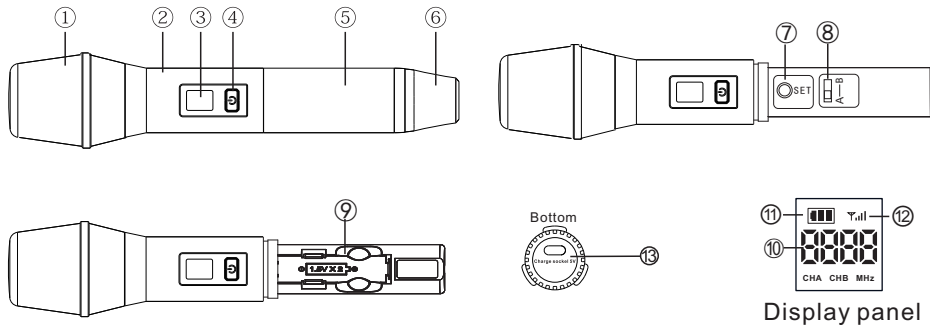
- ① Channel A/B transmitting signal switching icon
- ② Channel A/B audio signal level indicator
- ③ Channel A/B radio frequency signal level indicator
- ④ Frequency

3. Rear panel



- ① Channel A/B antenna socket (some models' antennas are fixed by factory)
- ② Channel A/B audio balanced output
- ③ 6.35 audio mix output
- ④ DC power input

4. Handheld transmitter



- ①Microphone head ②Body of microphone ③Display panel ④POWER button
- ⑤Battery compartment cover ⑥Bottom of handheld transmitter ⑦SET button
- ⑧Channel A/B switching knob on handheld transmitter (some models do not have this knob)
- ⑨Battery compartment ⑩Frequency ⑪Battery volume ⑫Signal indicator
- ⑬Charge socket

7. Putting the devices into operation

Handheld /Bodypack/Meeting transmitter

Adjust a new frequency: turn on the transmitter, open the battery compartment cover to find "SET" button, briefly press "SET" button, a new frequency is shown on display panel (receiver tracks and fixes the new frequency automatically in 3 seconds. Do not set on receiver.)

Resetting the microphone and receiver

Switch on the receiver unit. Press down continually on the "SET" button on the microphone with no AA batteries in microphone. Then insert 2x AA batteries and then release the "SET" button after 2 seconds. Then switch on the microphone and now it will be back to factory default setting.

FCC 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 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/TV technician for help.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.