

# UHF

Professional Wireless Microphone

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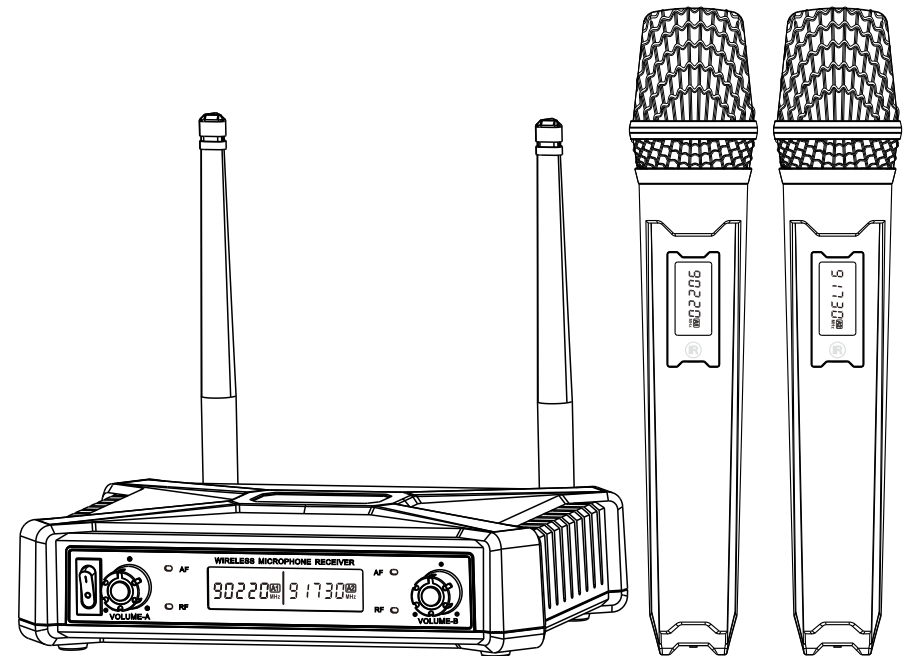


## Operating Manual

### Content List

- 1、Receiver ..... X1
- 2、Handheld Mic ..... X2
- 3、Power Adapter ..... X1
- 4、Audio Cable ..... X1
- 5、Manual ..... X1

AllRightReserved



Please read this manual carefully before use.

## 7、TECHNIQUE SPECIFICATION

### ● RECEIVER

Carrier Frequency: 902-926MHz

Dynamic Range: 96dB

Distortion:< 0.3%

FrequencyResponse: 30-20KHz/+-2dB

Signal / noise Ration: 96dB

Receiving Sensitivity: -95dBm

Transmission Delay:< 3ms

PowerSupply: DC12V500mA

AudioOutput: 1x6.3mm, 2xXLRbalanceoutput

### ● HANDHELD MICROPHONE AND BODY-PACK MICROPHONE

Carrier Frequency: 902-926MHz

Power Output: 10-30mW

Harmonic Radiation:<- 50dBc

Battery: 2x1.5VAAbattery

Batterylife:> 5h

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## 1、 BRIEF INTRODUCTION

Our company has designed and developed this excellent wireless microphone system, using a fully integrated solution, single-chip integrated microphone amplifier, DSP-based audio processor, phase-locked loop frequency synthesizer and so on. Compared with the traditional discrete device system, the stability and reliability of all the circuit modules are further improved. Our microphone uses the traditional FM modulation technology, has the superior RF performance and the audio performance, provides the professional grade sound quality experience for the user.

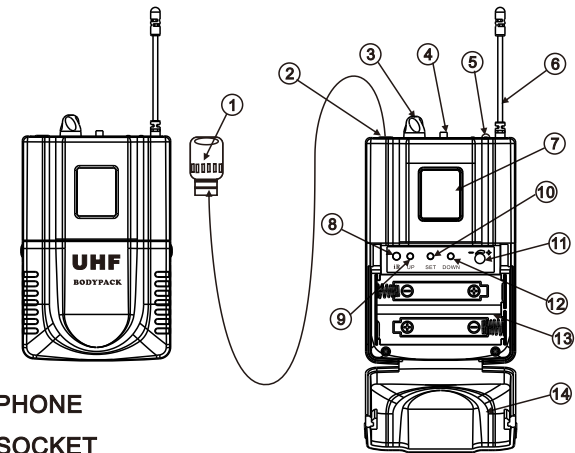
## 2、 MAIN FEATURES

- Optional UHF band(902-926MHz)
- All adopt the SMT process, circuit board design is compact.
- The receiver and transmitter use LED screen to show the frequency.
- Dedicated to large and small stages, dance halls, conference rooms, speeches family entertainment and so on.
- Multiple noise control circuit, refused to external disturbance and open the machine noise system.
- Excellent dynamic heart shaped cartridge for better clear sound.
- Effective open use distance of 70-90 meters.

(4) Attention the using distance between the microphone Grille and mouth is less than 15 cm.

(5) Avoid pointing the Grille against the Horn.

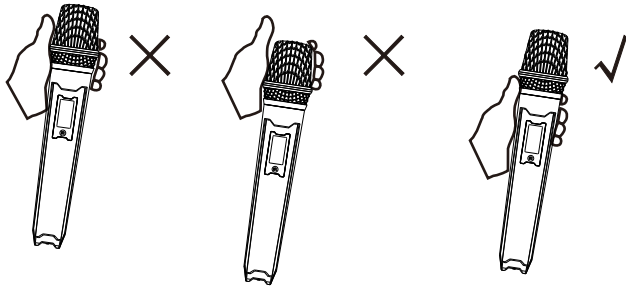
## 6、 BODY-PACK TRANSMITTER (OPTIONAL)



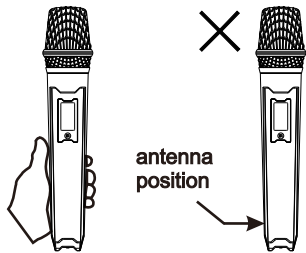
1. MICROPHONE
2. INPUT SOCKET
3. -VOL+:
4. ON OFF:
5. POWER: INDICATOR WILL LIGHT IF POWER IS LOW
6. ANTENNA
7. LCD DISPLAY
8. IR
9. UP
10. SET FUNCTION BUTTON
11. -VOL+ : SQUELCH ADJUST
12. DOWN:
13. BATTERY SINK: 2X1.5V AA BATTERY, ATTENTION WITH THE RIGHT POLARITY.
14. BATTERY COVER

HANDHELD MICROPHONE USING TECHNIQUE

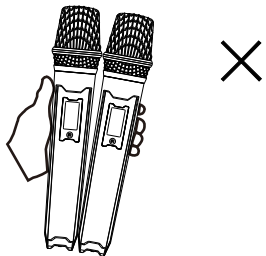
(1) Don't hold the microphone Grille:



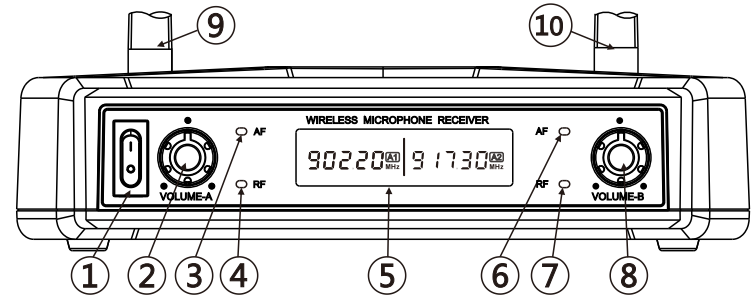
(2) Avoid holding the microphone on antenna position:



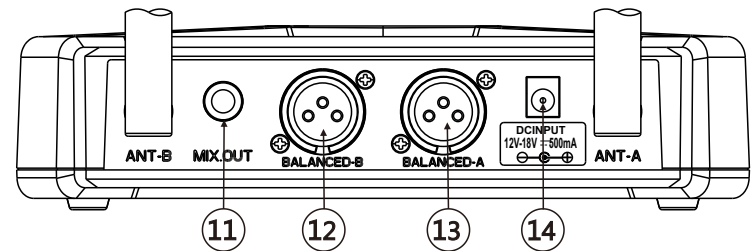
(3) Don't put the two microphone to use together:



3、PARTS(RECEIVER)



- 1、POWER
- 2、VOL.A
- 3、Channel A-AF indicator
- 4、Channel A-RF indicator
- 5、DISPLAY WINDOW
- 6、Channel B-AF indicator
- 7、Channel B-RF indicator
- 8、VOL.B
- 9、ANT-A
- 10、ANT-B



- 11、MIX.OUT
- 12、BALANCE B
- 13、BALANCE A
- 14、DC INPUT

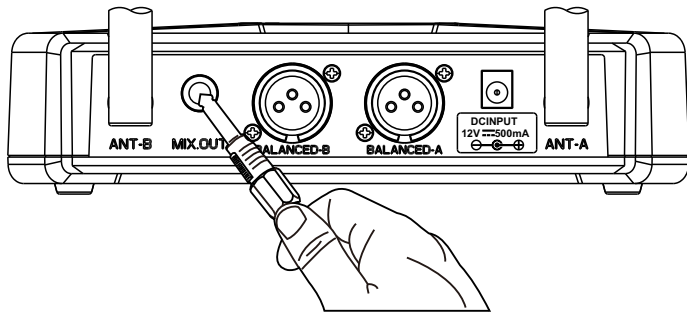
#### 4、 RECEIVER OPERATION

- Connect the power:

Connect the power cable to the DC socket (10) or (14) of the Receiver, make sure the adaptor is suitable before using the Receiver.

- Connect the audio cable:

Mix output: connect the audio cable (attached) to the MIX.OUT socket (8) (11) while the other side connect to MIX. IN or AUX IN.



- Turn on the power button (1), Receiver is in working status.

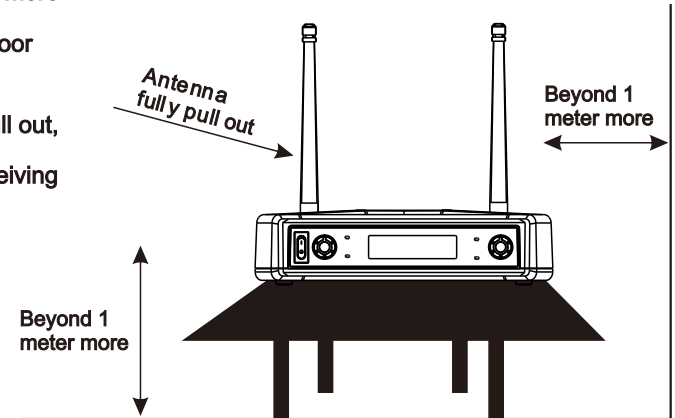
**Note:** Before turn on the Receiver, turn the volume control knob (2.8) to the minimum volume, adjust the volume as needed when the Receiver is working.

- Warnings of Receiver installation

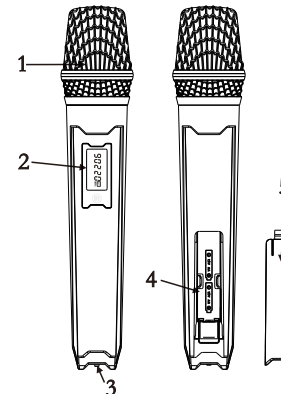
Beyond 1 meter more  
away from the wall

Beyond 1 meter more  
away from the floor

Antenna fully pull out,  
or will effect receiving  
signal



#### 5、 HANDHELD MICROPHONE OPERATION



1. Microphone capsule: use to pick up sound.

2. LCD display: indicates the microphone working status.

3. ON/OFF switch: control the handheld microphone of power on and off.

4. Battery Sink: insert 2x1.5VAA battery, note to insert in correct polarity.

5. Battery cover: battery for fixed the microphone.

## **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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your 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.

### **RF Exposure Information**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.