



## UHF Professional Wireless Microphone System

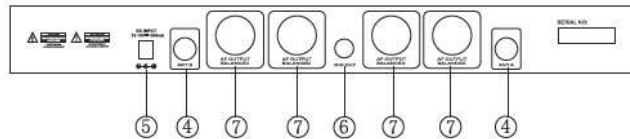
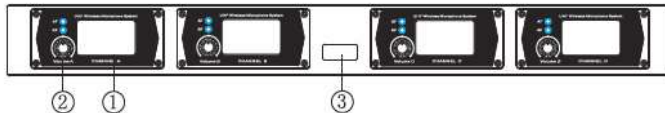


## Instruction Manual

As the product is constantly improving,  
these won't be any further notice for the modification

# Control Panel And Function

## Receiver.(Front Panel)



- ① LCD display
- ② Volume Control
- ③ Power Button
- ④ Antenna pedestal: Before using, take the antenna to the antenna pedestal and gently press, then clockwise rotation tighten the antenna.
- ⑤ Power socket: DC12V 300ma input socket, The center electrode in socket is connected to positive voltage.
- ⑥ Audio mixing output: Two signals are mixed together and output.
- ⑦ Audio balanced output: suitable for long distance connection to reduce the noise because of the connecting line.

## System Installation And Manipulation(receiver)

For a perfect receiver consequence, the receiver should be installed at the place of at least 1m above the ground, The audio head should not face on the loudspeaker close at hand. It is necessary to use the system in different carrier frequency and products from the same manufacturer.

When there are several instruments equipped in one case, utilize of external high-gain antenna+signal distributor to enlarge the range of utilization and save space would be a first priority.

Put the receiver in a stable place. connect the antenna, balanced cable AF line, adapter power line provided by the manufacturer. Connet the other end of the balanced cable th the balanced input joint of audio adjustment table. Pull out the antenna thoroughly vertical to the ground level.

Apply the voltage adapter to the socket, switch on the receiver power. while the receiver in stand-by, turn on the power of rear and fore end instrument of the audio amplification system.

## System Installation And Manipulation(transmitter)

Open up the battery compartment insert the battery then close the cover. Switch on the handheld transmitter while there is a temporal flash of power light. Signal level of the receiver light up, a effective signal is received. Adjust the channel volume and back loudspeaker instrument to adequate volume output of the system. When AF level light up gradually corresponding to the volume, so the system function normally.

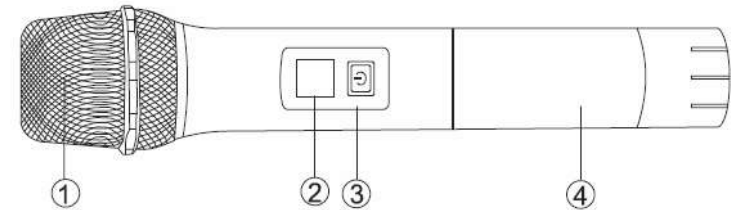
There are two grade in the transmitter power switch that means there is no audio function when turn on transmitter power, the other is the grade in normal use, there is a audio function while the power in on.

## Troubleshooting

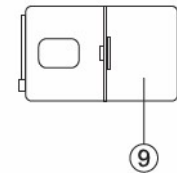
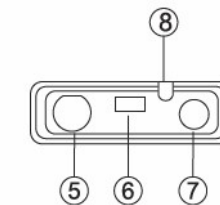
1. Turn on the receiver, but the indicator is not lighted?  
Make sure if the power cable is well fixed, is the socket in good condition.
2. When you speak, the AF light twinkies, but no sound output?  
Make sure if the volume keep in lowest place, or the audio cable is not fixed well.
3. The effective signal distance becomes close. And Signal receiving is not will?  
Perhaps you have not put out the antennas.  
Perhaps you should change a new battery.  
Perhaps the receiver is not put in right place.  
Perhaps there is a strong magnetic field in your surrounding.
4. Timbre becomes bad?  
Perhaps the voltage of the battery is not enough.  
You need change.  
Perhaps there are the same frequency signals in your surroundings.  
Do not use two machines with the same frequency at the same time in a place.  
(Separate them at least 100m.)

## Transmitter.(handheld)

- |               |                |
|---------------|----------------|
| ① Grille      | ③ Power switch |
| ② LCD Display | ④ Battery hold |

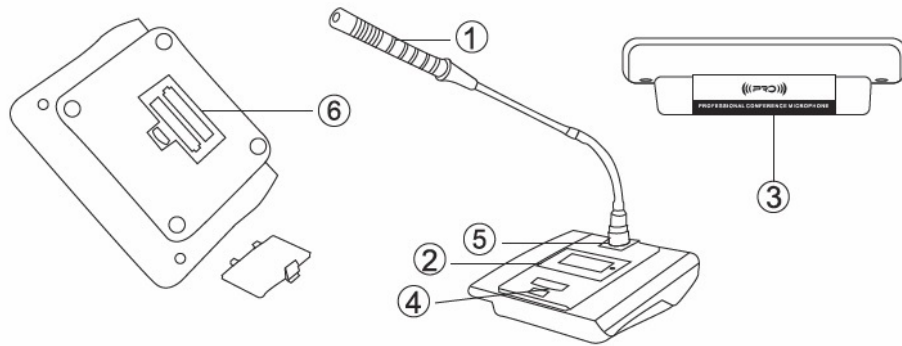


## Transmitter.(Bodypack)



- |                |                       |
|----------------|-----------------------|
| ⑤ AF input     | ⑧ Low power indicator |
| ⑥ Power switch | ⑨ Battery hold        |
| ⑦ Ant.         |                       |

## Transmitter.(conference)



- ① Mic capsule
- ② LCD: display the working status for the transmitters
- ③ IR window
- ④ Power switch
- ⑤ 4 pin Mic input jack
- ⑥ Battery holder

## Technical Specification

### (Transmitter) hand-held

Transmitter power	<30mW
Spurious emission	<40dB(with carrier)
Battery voltage	AA1.5v*2
Battery life	>10 hours

### (Receiver)desk-top

Carrier Frequency Range	UHF 902~927MHz
Oscillation Mode	Quartz Controlled Fixed Frequency
Stability	10PPM
Sensitivity	2uV @ sinad=12 dB
Max. Deviation Range	50KHz
S/N Ratio	>105dB
T.H.D.	<0.5% @ 1KHz
Image rejection	85 dB typical
Spurious rejection	75 dB typical
Frequency Response	60Hz~16KHz
Squelch Control	dual-squelch circuit
Max. Output Level	Balanced: 0~400mv, Unbalanced: 0~300mv
Power Supply	External DC Power Supply, 0.4A, 12~15V DC