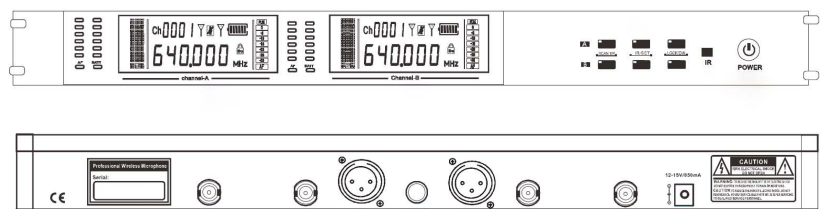


# User Manual



## UHF Wireless Microphone

Thank you for purchasing our **UHF Wireless Microphone**.

Please carefully follow the instructions in this manual to ensure long, trouble-free use of the equipment.

## SAFETY PRECAUTIONS

※ **Warning: Be careful to prevent electric shock or fire. The machine must be protected from rain or humid environment.**

1. When using the host, avoid placing it in a dead spot to ensure good signal reception.
2. When using the handheld microphone, please do not throw or drop it away to avoid serious damage.
3. Please stay away from electromagnetic fields, high-voltage power grids and large metal objects.
4. Please do not disassemble it by yourself. There is high voltage inside that may hurt your body.
5. When replacing the battery, be sure the microphone is OFF.
6. If the receiver is not used for a long time, please unplug the AC power plug.
7. If the microphone is not used for a long time, please remove the battery to prevent battery leakage.
8. If the machine falls or foreign matter enters the machine, do not continue to use it.

Contact your local dealer or service center immediately. Do not disassemble and repair it yourself.

There is a risk of electric shock to you due to high voltage.

9. This machine does not contain any parts that can be modified. Please do not disassemble and modify it by yourself, otherwise you will loss the warranty rights.
10. For adequate ventilation, the minimum gap around the machine is 30mm.
11. The ventilation hole should not be covered by articles such as newspapers, tablecloths and curtains, etc.
12. Don't place flame source on the machine, such as a lit candle, should be placed on this machine.
13. When disposing of batteries, do not throw them away. Please put them into the designated recycling bin.
14. This machine can be used normally in tropical/temperate climate conditions.
15. The machine should not be exposed to water drops or splashes, and liquid-filled objects such as vases should not be placed on the machine.
16. **The receiver should be placed higher than one meter from the ground and more than 1 meter from the wall. The antenna should be vertical. Otherwise, the reception effect will be affected.**

## Description and Features



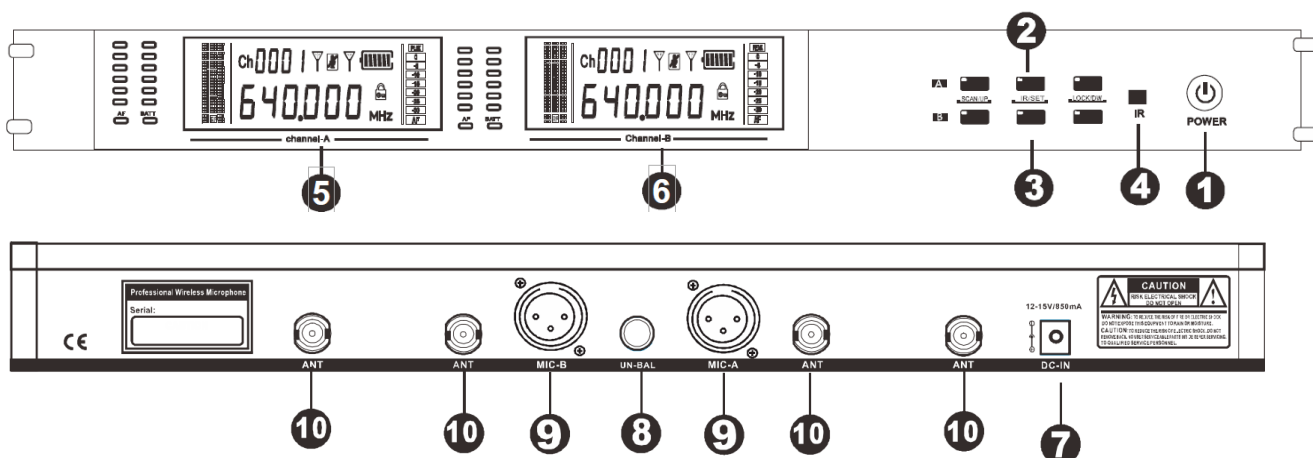
### Specification of Receiver

1. Microcomputer CPU control, PLL phase locked loop frequency synthesis technology
2. Noise lock squelch control + audio navigation lock squelch, audio dynamic expansion and automatic level control circuit
3. Working frequency: 500-980Mhz
4. Number of channels: 2\*100
5. Power Consumption: 5W
6. THD: <0.5%
7. Frequency response: 40Hz - 18KHz
8. Frequency binding method: infrared
9. Working distance: 60-200m

### Specification of Transmitter

1. Working frequency: 500-980Mhz
2. Maximum modulation degree:  $\pm 45\text{KHz}$
3. Frequency binding method: infrared
4. PLL phase locked loop frequency synthesis technology
5. 200 channels for option
5. Transmitting power: 10dBm in high power, 5dBm in low power
6. Battery: AA\*2, 6- 8 hour

## Front Panel and Rear Panel of Receiver



① Power switch: if the power indicator is on after switch on.

②③ SCAN UP, IR/SET, LOCK/DW buttons

Short press SCAN UP button to do the frequency scanning operation which will find the un-interfered frequency.

Short press IR/SET button to do IR frequency binding operation. Make the IR receiving window of the wireless mic to facing the IR transmitting window of the receiver, and then short press IR/SET button. When their frequency keeps same, then the IR frequency binding operation is finished.

Long press IR/SET button to do frequency setting operation. When the frequency flashing, press LOCK/DW button to select up or select down the frequency.

Long press LOCK/DW button to lock the button to avoid operation by mistake.

**Remarks:** Press UP button to enter into volume adjusting mode. When volume flashing, press UP/DOWN to adjust the volume, press SET to finish the operation.

④ IR frequency binding button

⑤⑥ LCD display for Channel A and Channel B

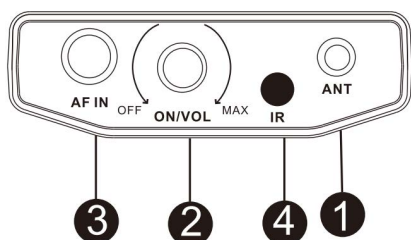
⑦ DC-IN: DC 12V, 1000mV power socket

⑧ 6.3mm unbalanced output

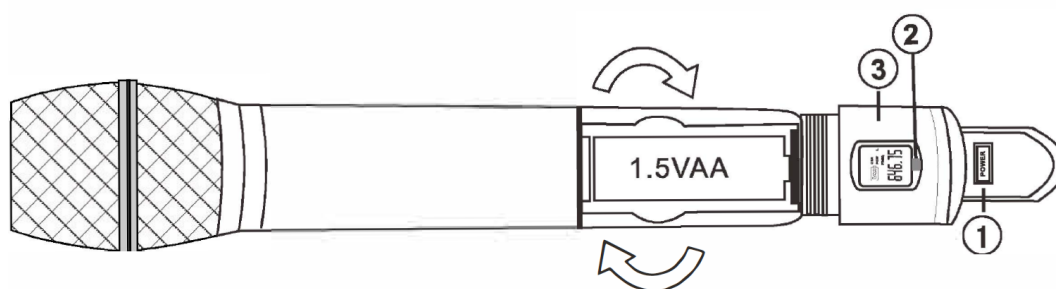
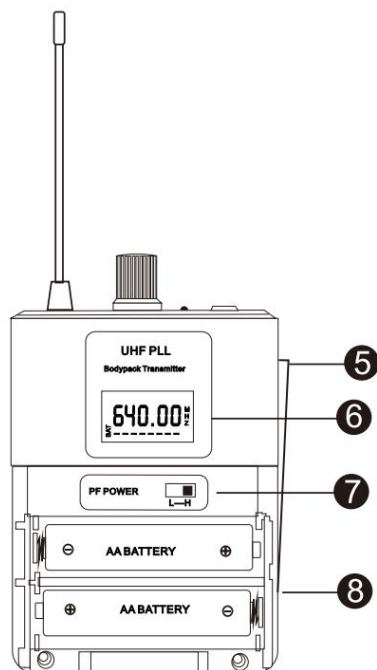
⑨ XLR balanced output for CH A and CH B

⑩ Antenna

## Instruction of Microphone



- ① Antenna
- ② Volume knob and power switch button
- ③ 3.5mm phone jack input
- ④ IR frequency binding point
- ⑤ Metal back buckle
- ⑥ LCD display
- ⑦ Transmitting power: H for high power, L for low power
- ⑧ Battery



- ① Power button, press twice in succession to enter into high power and low power setting
- ② IR frequency receiving point
- ③ LCD display

The following table lists some common faults and solutions. If you cannot solve the fault, please contact your local dealer.

| Failure phenomenon  | Cause / Solution  |
|---|---|
| No display on receiver/transmitter  | The transmitter battery is exhausted and the receiver power is not connected properly.  |
| No signal in receiver   | Transmitting and receiving on different frequencies or beyond the reception range   |
| There is RF signal but no audio signal  | The transmitter is not connected to audio or the receiver squelch is too deep.  |
| Audio signal background noise is too loud                                       | The transmit modulation frequency is too small, the receiving output level is low, or there is interference signal  |
| Audio signal distortion   | The transmitter radio frequency deviation is too large and the receiver output level is too high.   |
| The use distance is short and the signal is unstable                            | The transmitter is set to low power, the receiver squelch is too deep, the receiver antenna is improperly installed, and there is strong electromagnetic interference around it.  |
| Turn on the power switch of the receiver, the indicator light does not light up | Check whether the power cord is plugged in, whether there is power at the socket, and whether the fuse is burnt   |
| The signal RF and AF lights are flashing but there is no sound output.          | Check if the volume knob adjusted to the minimum and the audio cable is connected properly  |
| The distance becomes shorter and the signal becomes unstable.                   | Whether the transmitting antenna has been installed, whether the receiving antenna is installed according to the frequency, whether the antenna is pulled upright, whether the receiver is placed in the correct position (for example, it cannot be placed on the ground or in a corner), and whether there is strong electromagnetic field interference around it (should be kept away) |
| Sound quality deteriorates  | The microphone battery is low or exhausted (please replace it). There are FM signals of the same frequency around you (two transmitters of the same frequency are used in the same place at the same time, with a minimum distance of 100 meters). Try to use different frequencies strictly.   |



**CAUTION:** Do not open the equipment cover arbitrarily, so as not to electric shock. Please contact the professionals to maintain if necessary.