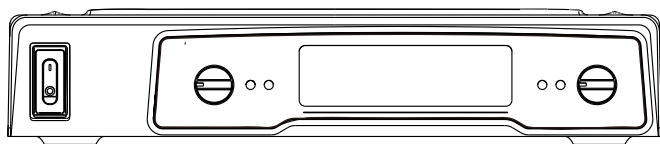
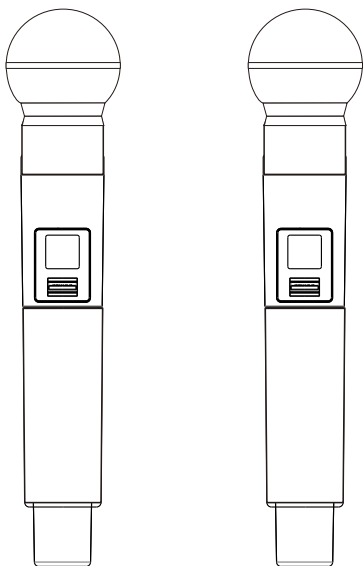


UHF WIRELESS RECHARGEABLE MICROPHONE SYSTEM



PROFESSIONAL WIRELESS MICROPHONE MANUAL

Information in this manual is subject to change without notice .

This manual have contain all information about the product, anything which are not clear or false or loss, please contract us and ask for a confirmation.. Without the confirmation, we cannot accept any liability whatsoever for any loss or damage caused by servic、 maintenance or repair by unauthorized personnel.

Safety and environment protection

1. To avoid electric shock risk, do not open the box. No accessories can be change in the box.
2. Before the using, make sure the National standard voltage match the receiver. For long time no using, please move out the power plug from the power outlet.
3. In order to fully ventilation, the hold set system should keep minimum 30CM from other things. Bad ventilation environment will result the system getting hot and damage or even result in fire. Newspaper、dishcloth、curtain and other things should move out from the hold set system for fully ventilation.
Do not put some blaze headstream on the system such as the candle.
Keep away the whole set system from the dusty、wet or the direct sunlight place.
Move out the liquid from the system to escape getting electric shock.
Do not put it in a mechanical shock and vulnerable place to avoid damage, and do not knock and huff the microphone head
4. In order to obtain good results, as far as possible keep away from the high-voltage transmission valve, large metal objects, as well as computers, high-power interphone, radar and other equipment.
5. Please use the professional alkaline battery or rechargeable battery, fix up the batteries in the right direction, turn off the transmitter after the use to save the power, and for long time no use, remember to move out the batteries.
6. For long time no use, move out the power adapter from the outlet.
7. Throw the scrap batteries into the specifically place.

Brief introduction of the performance

These series products adopt UHF frequency and use the international standard common frequency which can be used in all over the world. Due to the low frequency and many reasons, traditional wireless microphone usually disturbed by many factors especially by the variety of harmonic which send off by the CD/VCD/LD and other digital equipments. Squelch circuit usually analysis the intensity of the RF frequency channel instead of the noise and the needed signal. Using the low traditional wireless microphone in the complex environment or when the signal of the microphone is weak or the microphone is closed, the squelch circuit may suddenly opened which result the receiver send out a strong burst of noise.

Do not change the frequency when using one set system.

Using more then one set system in the same time, make sure the transmitter and the receiver of each system have the same frequency

channel.

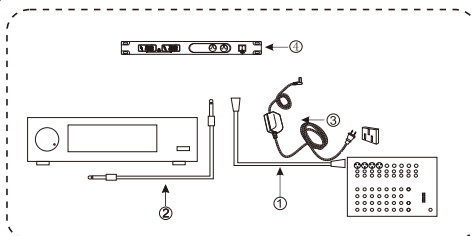
Using many transmitters or receivers in the same time, choosing the best frequency channel is recommended.

Main performances

1. UHF 618~865 MHz, avoid the disturb frequency.
2. Adopts multilevel and narrowband high and mid frequency technology, the system can search the best channel and eliminate the disturbing signal.
3. Thick undertone, light mediant and clear alt.
4. ALC circuit, avoid sound distortion by large sound.
5. Low power consumption components, long battery life.
6. Shield antenna for the handheld microphone, practical and beautiful.
7. Low power indicator for the handheld microphone, indicate change the battery in time.
8. Suitable for small stage、song and dance ball、conference room、teaching room and family amusement etc.
9. With audio compressing-expanding technology, the system can avoid noise and increase the dynamic range.
10. Weaken feedback function, it can lower the feedback effectively during the receiving.
11. Unique mute-sound function, refuse the outside interference to open the mute system.
12. Excellent wafer and high quality components make the sound quality better.
13. Professional audio output: XLR balance output, $\phi 6.3$ unbalance output, suitable for all occasion to connect the system.
14. The maximum effective distance up to 100 M and the ideal distance is 60M.

Receiver (installation)

Receiver connection

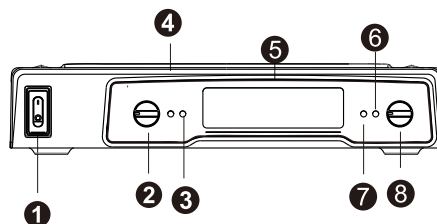


- ① connect one end of "XLR" to a "XLR" cable to the **Receiver balance audio OUTPUT** and the other end to the other KARAOKE EQUIPMENTS.
- ② Connect one end of a "1/4" cable to the receiver's **UNBALANCE AUDIO OUTPUT** and the other end to a karaoke power amplifier" microphone input.
- ③ Connect the **DC POWER ADAPTER** to the receiver's **DC INPUT 110V/220V**, then plug the other end of **DC POWER ADAPTER** into the **WALL OUTLET**.
- ④ **Install the antenna** to each antenna socket on rear panel, then fasten the antenna towards the right side till the antenna is vertical with ground.

Part name and functions description

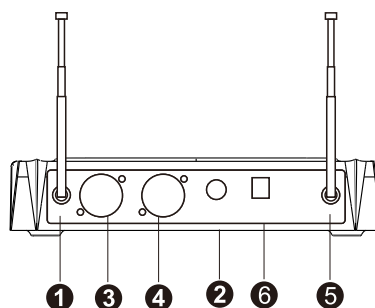
RECEIVER:

Front panel



- 1、Power switch
- 2、CH A volume control
- 3、CH A audio level signal lamp
- 4、CH A Radio Wave
- 5、LCD panel
- 6、CH B audio level signal lamp
- 7、CH B Radio Wave
- 8、CH B volume control

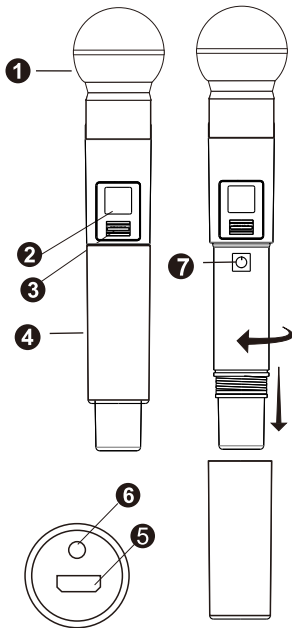
Back panel receiver



- 1、CH B antenna
- 2、1/4 " unbalanced output jack
- 3、CH B XLR balanced microphone output jack
- 4、CH A XLR balanced microphone output jack
- 5、CH A antenna
- 6、DC adapter jack

Handheld Transmitter

Handheld Transmitter:

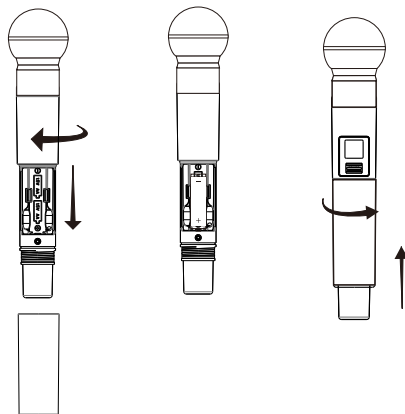


Function:

- ① .Interchangeable microphone head
- ② .LED Power signal lamp
- ③ .Power control switch
- ④ .Battery compartment
- ⑤ 5V USB Charge
- ⑥ Charge display LED
- ⑦ The frequency button

Battery Replacement:

The life expectancy of two alkaline batteries is about six hours. When the power indication symbol on the display screen keeps flashing as shown is the left diagram, the batteries should be replaced immediately, as shown in the diagram below.



UHF wireless microphone system

Product features

This product is designed by the most advanced wireless digital transmission technology. The signal transmission is greatly improved by the digitization of rf signal and the digital transmission of audio signal. The stability and confidentiality of the loss, reducing the loss of transmission, the quality of sound quality can be connected. It is completely determined by the microphone to meet the demands of customers by changing the microphone. The rf signal contains 48 frequencies and 48 random ids, and the microphone is the most anti-interference. Strong, undisturbed by any signals from the outside. Reach the first-class KTV room acceptance level. This product applies to a wide range of families, teaching, meeting rooms, outdoor activities, K room, etc., with a single set of cartridge, with 6.35 plug or 3.5 insert. The sound equipment is compatible.

Hand-held, lumbar operation instructions:

Open/close handheld microphone: when the microphone is turned off, the power button is pressed to turn on. The power button is turned off when it is switched on. Switching frequency: at the boot time, (frequency switch) is shortened by the frequency of switching, each short press once I'm going to switch to a frequency point. Enter pairing: when the phone is shut off, hold the power button) don't let go. When the LED lights start flashing, release your hand, hand in. The LED lights always flicker in pairs. Exit pairing: shutdown exit: perform the operation of "shutdown" (long press power button), Shutdown, exit pairing. Switch operation exit: perform the operation of "switching frequency" (short press frequency switch). The microphone is switched to a normal launch state, and the RF indicator of the receiver is lit. Low pressure indicator: the battery capacity will soon run out when the battery symbol of the microphone is flashing, Suggest changing the battery.

Description of receiver operation:

According to the power off. Indicator light working condition: the indicator light is bright green when switched on (Status), the indicator light is bright green (low pressure working state of receiver battery, Suggest replacing the battery. The microphone is switched from bright green to red (receiver working condition).

Paired pair of frequency operation instructions:

When the phone is shut off, hold the power button (power button + change key) at the same time. To release, when the LED lights begin to blink, release your hand and go into the match. In the state, the LED lights are flashing. The receiver is switched on and off when it is turned off. The receiver should be switched on and off when the receiver is switched on. After the machine, the light of green power lamp changed to a red light for three times. Green, short press the microphone to make sure the receiver lamp turns red. The opposite is true. At this point, the handheld microphone is randomly selected in the set of 48 frequency points. Four frequency and four random ID codes, and microphone interference is the strongest, no Noise generated by any signal interference from the outside world.

Note: when Mimi is not audible, please re-match. The frequency operation. The machine will not be used for a long time. Please take out the battery. Battery leakage, damage internal electronic components.

Specification

Integrative performance

- 1.frequency: UHF:618~865MHz
- 2.frequency stability: $\pm 0.005\%$ (-10℃~50℃)
- 3.modulation mode: FM
- 4.max modulation frequency: $\pm 40\text{KHz}$
- 5.frequency response: 40Hz~20KHz
- 6.S/N: =100dB
- 7.effective range: 60m
- 8.distortion: $\leq 0.5\%$
- 9.work temperature: -10℃~50℃

Microphone technology specification

- 1.RF output power: $\leq 10\text{mW}$
- 2.Clutter Suppression
- 3.antenna: hidden external power
- 4.pickup head:
dynamic cardioid directivity (handheld MIC)
condenser directivity (waistband MIC)
- 5.batteries: AA1.5V×2 alkaline batteries
- 6.batteries life: up to 8 hours

Receiver technology specification

- 1.receiving mode:
Superheterodyne double-conversion
- 2.rated power consumption: 3W
- 3.sensitivity: -93dBm
- 4.audio output :
XLR balance output: 0~500mV
Φ6.35 unbalance output: 0~500mV
- 5.power: 220V/50Hz or 110V/60Hz
- 6.rated power: 5W

Troubleshooting

Phenomenon	Reasons	Solution
Indicator not light	Setting the battery in reversed polarity directional	Reset the battery in the right polarity direction
	Lack of power	Change full power battery
	Connected clip of the battery is dirty or have been corroded	Clean or change the connect pin clip
Indicator twinkle during the use	Lack of power	Change full power battery
The VFD window of the receiver turn off	Fail to connect the electricity	Check the AC power adapter and the voltage
	The power of the receiver is not connected well	Check the DC power adapter whether is that one end inserted into the outlet, while other one inserted into the receiver
Receiver have no reception	Not turn of the microphone	Turn on the working microphone
	the frequency of the microphone is not match with the receiver	Use the same frequency system
	Microphone exceed the working distance	Return to the working distance
Receiver get reception but no sound	Volume be in the lowest level	Adjust the volume of the transmitter and the amplifier
	Bad or wrong connection with the audio line	Connect the audio line in right way
Receiver have reception before turn on the microphone, some noise in the sound-box	Some same frequency equipment appear in the working range	Chang the working place to avoid the interruption, keep certain distance with the computer、working mobile phone.
Sound box send out sound	feedback	Turn down the volume, do not point the microphone directly to the sound box.
The sound is not consecutive	Exceed the effective distance	Return to the working distance
Working distance too short	The environment is too complex	Avoid the complex environment, and possibly to avoid the big metal subject、wall、crowded