Multi-channel wireless UHF microphone

INSTRUCTION

PROFESSIONAL WIRELESS MICROPHONE SYSTEM

●Precautions

In order to ensure better use of this product, please before using, read this manual and understand the correct operation method in order to get the best effect; please keep a good this manual for future needs.

●Safety

▲For security reasons, in the machine for all kinds of connections, please don't pull cable, operate and hold the plug; do not damage the power cord, in order to ensure safe use.

▲Only use the supplied power adapter, and make sure that connected to the power supply voltage is consistent with the adapter requires, the use of other vendor-supplied power adapter may damage the unit.

▲The machines with 220VAC power supply voltages, use other voltage can cause a fire and trouble.

▲Do not leave the unit in a hot, humid and dusty place and across a liquid substance, so as to avoid failure.

▲Do not bend and vibration of the collision, the unit to avoid damage.

▲Do not open the receiver, transmitter, and power adapters, touch, change, there is not any place can be modified by the user, if the machine has trouble, it can only be performed by an authorized service center for repairs.

▲In the course of using, if any strange, such as smoke, odor, immediately unplug the power adapter and products authorized service center for repair.

▲When inserting the batteries, the battery cannot reverse polarity reversed inserted, if not use it for a long time, please remove the batteries from the transmitter.

▲Prohibited the use of the shell insulation damaged battery; it may cause a short circuit.

▲ If left the native working for a long time please turn off the machine, unplug the power adapter, and machines must not be allowed to open.

●Product features

▲UHF than VHF band interference less than traditional transmission more reliable;

▲DPLL multi-channel frequency DPLL synthesis technique, frequency band 50MHz to 300KHz channel spacing, providing up to 200 channel selection, easy to use multiple machines at the same time, easily avoid various interference;

▲Advanced auto technology, even if the frequency of the transmitter and receiver, you simply press, the transmitter will automatically lock the receiver frequency adjustment, easy to use;

▲Ad hoc low-power switching function, so that you are not only used for meetings and other activities (high power), using smooth, but when used in such as teaching school, KTV rooms (low power), saving battery power;

▲Typical transmitter and receiver set the lock function to prevent misuse;

▲Ad hoc reception sensitivity adjustment function, you can adjust sensitivity as necessary in order to improve anti-jamming function or increase the saving distance;

▲Premium LCD displays, transmitters and receivers work status at a glance;

一、 Function description

Handheld transmitter functions

① Microphone head: including head and sound modules.

② LCD LCD screen: displays the frequency.

③ Power switch: long press for 5 seconds to open, shutting down.

④ IR receiver window.

⑤ lock switch (some models)

⑥ Power switch: used to set the transmission power (distance) large and small.

⑦ Battery box: install 2 AA batteries.

⑧ Top tube.

⑨ Down tube.

Launch display function

①6-character display

②Battery power display

③Frequency display

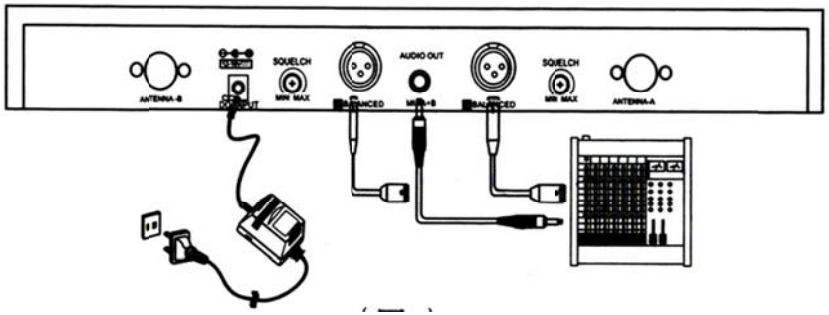
④Leading tone display

⑤Frequency display

⑥Channel display

⑦Mute display

二、Answering method

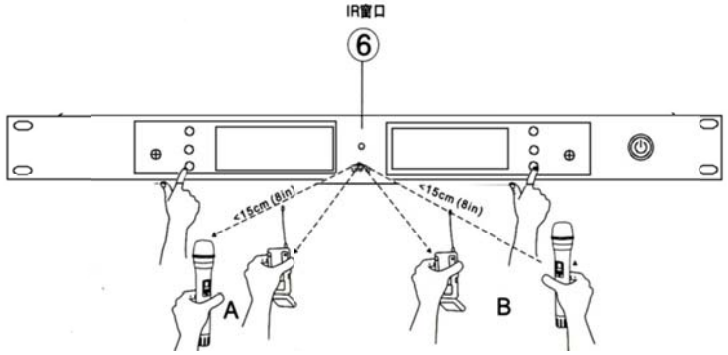


Note: Please use the power adapters, and note that the input voltage.

三、System settings

●Turns power on transmitter and receiver.

●Aim the receiving window transmitter IR receiver the infrared (IR) window, press the UP or DOWN key to select the corresponding channel of the receiver an unused channel, press the confirm key locked in SET,5 seconds.



四、Use steps

1、Before switching on the receiver needs to turn off the transmitter first and put the receiver down to a minimum.

2、Observe the AF signal RF Receiver LCD screen and audio instructions, if there

is interference, you should change channels to avoid interference, can also increase the squelch values strengthen the anti-interference ability.

3、Then power up the transmitter for proper frequency lock, RF RF signal of the corresponding receiver should have instructions to adjust the volume of the receiver to the appropriate size, then the microphone sounds, corresponding AF audio signal flashing. If there is no RF signal or no sound output or the AF signal not flashing, indicates that the system is not working properly, please repair.

4、Frequency is correct, you can long press SET button when the display shows LOCK ON lock screen only, not FM. Long press SET button again, display LOCK OFF, can be modulated.

5、Receiver squelch control, see the rear panel of the receiver SQUELCH (squelch adjustment knob) is to adjust the receiver squelch control, clockwise adjustment decrease squelch, anti-jamming ability, receiver farther away, whereas the opposite.

五、Note the use of

1、how to properly use-wear wireless transmitter

（1） Wear the microphone transmitter with one-fourth wave antenna, the antenna is not direct contact with the human body, or social and microphone wires wrapped together, otherwise it will reduce performance.

（2） When you use a lavalier microphone, in order to reduce head rotation because voice fluctuations, lavalier should try to position it near the Middle, microphone wiring should also be properly fixed to avoid frictional noise.

（3） Headset microphone audio and usually located in the corners of the head position, adjust the distance from the mouth, you can increase or decrease the pitch.

（4） Lavalier microphones when used in live sound, should select the directivity of sound reproduction, selection and layout of the speakers should be reduced

（5） Less acoustic feedback principle, are particularly likely to produce acoustic feedback situations, should also be matching acoustic feedback suppressor.

2、 How to properly use a handheld wireless microphone

（1）Hand should grip the Central microphone, if too close to the net, will affect the microphone to pick up sound, it is too close to the antenna at the bottom position, it will reduce the efficiency of emission, reduce the use of distance.

（2）Adjust the distance between the microphone and your mouth, you can increase or decrease the pitch.

3、 Conference on how to correctly use the wireless transmitter

（1） Conference on wireless transmitter with built-in antenna and transmitters do not direct contact with the human body, or near large metallic objects, otherwise it will reduce performance.

（2） Speakers and sound head front distance should be appropriate, too prone to poof sound pickup sensitivity too far down, had to turn up the volume in the live sound, will lead to the shrill whistle.

（3） Conference on wireless transmitter microphone with Caron possible contact is good, avoid producing noise.

4、 How to properly use the receiver

（1） Receiver when using Omni-directional antenna, antenna distance from walls or metal body with 0.5M.

（2） Reception range and related to many factors, varies greatly, and big blocks of metal components in the transmission direction, transmission can achieve better results.

（3） f the reception conditions are not ideal, you can use extension cords, external high gain antenna, antenna amplifier, you can achieve very significant effects of increasing distance.

5、 At the same place on the proper use of wireless microphones

（1） First of all you should choose no mutual interference of frequency, in the 25MHz band, you can usually also use 8 launchers, 50MHz bandwidth of 16 transmitters can be used if you need to use more wireless microphones, you need to configure other spectrum models.

（2） When used with the transmitter, the transmitter at least separated by 20cm, under the transmission distance of the conditions are met, you should use low power to avoid interference between frequencies.

（3） Several sets of receiver is used with recommended installation the high gain antenna, antenna amplifier and antenna splitter.

（4） Adjustable reset if the transmitter under the small power, such as KTV rooms, classrooms and so on are not affected by limits on the number of.

（5） Channel established between the transmitter frequency-try not to adjust the spacing between channels, CHANAL when a is set on channel 20, the other three channels set at 40, 80, 100, and so on should be avoided, as well as four configured on the same channel on transmitter also should be avoided in space channel.

七、Safety guidelines

Use, storage: do not leave the unit in high humidity, electromagnetic, strong direct sunlight, high-temperature environments such as used or stored, if long time deactivate the receiver power supply should be unplugged and battery out of the transmitter.

Cleaning: you must unplug the power plug before cleaning, use a damp cloth to clean. Do not use any detergents or liquid solubility or damaged surface layer.

Repair: If the machine failure or decreased performance, please do not disassemble repair so that you have a risk of electric shock or

Serious damage to the machine and void the warranty rights. Please contact your local dealer or our factory, we will serve you best.

Warranty: this machine does not contain modified parts, do not themselves apart to refit, otherwise it will lose the warranty rights.

System specifications:

frequency：UHF 614.3~671MHz

Modulation mode： Broadband FM

Channel number： Dual-channel, can set random 200-point

Frequency interval：300KHz；

Frequency stability：±0.005%

Dynamic range：100dB；

Maximum modulation：±45KHz

Audio frequency response：80Hz~18KHz（±3dB）

Integrated signal to noise ratio：＞105dB；

Composite distortion：≤0.5%

Working environment temperature：－10℃~＋45℃

Maximum output level：±10dBV

Transmitter indicator

Antenna： Handheld, microphone built-in spiral antenna

Output power： High power 30mW、ow power 3mW

Spurious rejection：－60dB；

Power supply： Two 5th 1.5VAA batteries

FCC Warning

This device complies with Part 74 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.

NOTE 1: The manufacturer is not responsible for any changes or modifications not expressly approved by the manufacturer for compliance, such modifications could void the user’s authority to operate the equipment.

NOTE 2: This device complied with FCC radiation exposure limits as set forth for an uncontrolled environment. This device should be installed and operated so that its antenna(s) are not co-located or operating in conjunction with any other antenna or transmitter