

## G:Transmitter operation method

- 1)"power" key: press the "power" quickly for power on; press the "power" continually for 0.8 sec.to power off. Short press the key while the transmitter will mute.
- 2) "△" "▽" key adjusts the sensitivity of the microphone.
- 3) Each transmitters has 100(0-99) channels of different frequencies to choose from.
- 4) 515.150: the present using frequency is 515.150 MHz 

■■■■■ Battery power situation,totally4status. ■■■■■ Power full. ■■■■■ 75%  
power capacity; ■■■■ 50% power capacity; ■■■ 25% power capacity;  
■■■ 10%power capacity,nearly power off,should change another battery.

## H:Trouble Shooting

Malfunction	Reason & Disposal
No LED lights when you can't see power	Check if the cable is plugged correctly and the power on, check also the fuse;
LED lighting but no voice output	Check if the volume is turned on to the minimum or the plug is inserted correctly;
Receiving range getting closing and far getting mobility;	Check if the antenna has moved out, or the receiver is in a wrong position (on the ground or at the ceiling), or near a metal object;
Sound become different	Check if the battery has run out, or there's the same frequency round, or there're 2 sets of same products working at the same time and same place (please keep at least 100 meters).

\*If malfunction occurs, please contact our dealer or our company as soon as possible. DO NOT open to fix by yourselves, we will serve for you with all sincerity.

## I: Technical Specification

### FUNCTIONS

Frequency Range:	UHF515~599 MHz
Frequency Stability:	≤ ±1ppm
Operating Range:	>1000dB
Distortion:	<0.3%
Frequency Response:	515MHz~1545Hz
Tone Output:	Independence : 0~12mV
Mixed :	0~360mV

### RECEIVER

Power Supply:	AC110V-220V~50Hz/60Hz
Please follow the stated marks on the receiver or adapter	
Operating Voltage:	DC12V~600mA
Power consumption:	8W
S/N Ratio:	>92dB
Faint Disturbing Ratio:	>80dB
Channel Disturbing Ratio:	>80dB
Sensitivity:	<12dBuV(S/N=20dB)
Extra Weight:	500g

### TRANSMITTER

RFPower Output:	Max 5 mW
Modulation:	DPSK
Max Modulation:	445Hz
Higher Harmonic:	40dB lower than the Datum wave
Battery:	3V2XXA1.5V

Remarks:Because the product is continuously improving,specification may change Please forgive us not to inform you.

Thanks for your trust and support to our products. You will be pleasant to use our wireless microphone. For making good use of our product, please read this manual first and keep it.

### A:Gentle Reminder

- ★ If signal shown interrupt and distorted,please switch to other channels.
- ★ Turn down amplifiers if you want to reset receiver or change the working frequency, in case of damage.
- ★ Please separate the receiver from the karaoke machine to prevent frequency derivative interference.

### B: Cautions

- 1) keep the receiver away from dead corner for good receiving
- 2) Do not throw break or flap the mic for protection
- 3) Non-waterproof! Protected from water or other liquid
- 4) Keep away from electromagnetic high-voltage or large metal
- 5) Risk of electronic shock, do not open
- 6) Turn off the power when change battery, recycle the disuse battery
- 7) Take out the batteries if you will not use the machine for long time
- 8) Cut off the power if you not use the machine for long time
- 9) Keep the receiver away from strong magnetic field, the machine for ventilation
- 10) Don't locate any remora on the intake for ventilation
- 11) Do not locate any flame or fire on the machine
- 12) Stop use if the machine been broken or rented anything unusual, call the local dealer or service center
- 13) Do not open by yourself or you'll lose guarantee repair
- 14) Only for temperate or torrid zone

### C:General Features

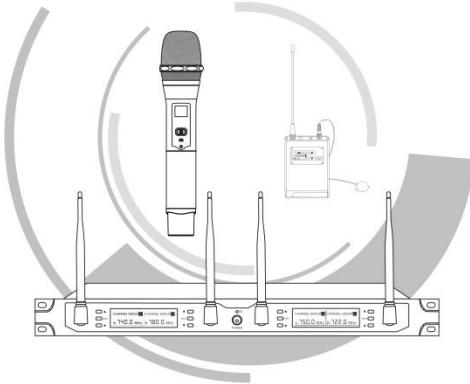
Traditional wireless microphone is easy been interrupted because of the low signal frequency designed and especially this harmonics wave from digital equipment such asCD/VCD/DVD/ or even mobile phone! The receiver's squelch circuit, analyze the strength of the RF signal, but the RF cannot distinguish the require signal and noise. In the noisy RF environment or the signal of the transmitter becomes low, the traditional squelch circuit may be turned on suddenly, making the receiver send out strong noise. In order to solve the problem, we designed this series of UHF four channel auto-scan infrared frequency professional wireless microphone. It uses our highest and strictest technical measure for improving frequency, advance high and medium frequency filter. Moreover, we also created a digital anti-noise circuit.

### D:Unique design

- ▲ High precision PLL lock frequency, use 515~599MHz frequency band.
- ▲ It use our highest and strictest technical measure for improving frequency, advance high and medium frequency filter. Fully eliminate interference signals
- ▲ Built-in booster voltage regulator circuit
- ▲ Perfect power indicator for charging and capacity
- ▲ Adopt noise eliminating circuitry
- ▲ Expand detection range
- ▲ Anti-magnetic, anti noise or screen
- ▲ Multi-Level noise supervisory circuitry with anti-interference
- ▲ Frequency is designed according to the sound characteristics
- ▲ Pronunciation code locked, useless signal locked, Double Mute Control and resolve disturb
- ▲ 200 meters in the best condition. Recommended for Pub, Lounge, Family Karaoke,KTV, School, Conference and etc.
- ▲ 100 meters in the best condition, 50 meters in normal condition(this receiver is with receiving distance adjustment for selection)

# Owner's Manual

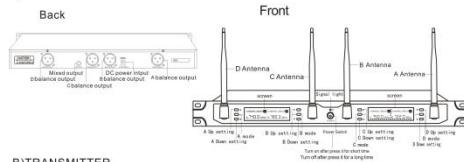
Infrared Frequency Switch  
Automatic Scan Wireless Microphone



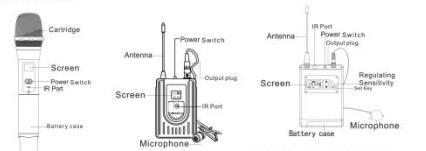
Please study manual instruction carefully before installation and use

## E:General Product Description

### A)RECEIVER



### B)TRANSMITTER



### F:How to connect and operate the receiver

- 1) "POWER"key, press the "POWER" quickly for power on; press the "POWER" continually for 0.8 sec. to power off.
- 2) "UP" ▲ and "DOWN" ▼ key: press the key, the channel will be adjusted upwards, or downwards, long-press that continually upwards or downwards to adjust the channel or frequency, regulation mode is cyclic regulation.
- 3) "ACT" key for Infrared key for Infrared search for frequency. Electronic controls and automatic search.
- 4) Infrared search for frequency: short-press "MODE", "ACT" flashes, channel communication stop (mute),turn on the power of transmitter, and target the transmitter's infrared port to the receiver's infrared port, the system will research and communicate with transmitter by infrared, after the transmitter is searched, infrared connection to the transmitter, after the communication is successful, the transmitter will automatically lock the receiver frequency, the transmitter synchronizes with the receiver, the system automatically exits the mode after the frequency is finished.
- 5) Electronic volume adjustment: long-press "MODE" till show "VOL", the system enters the electronic volume adjustment mode, adjust the upwards/downwards key to adjust the volume of the channel (short press step, long press continuous step), in 5 sec., no operation will exit this mode.
- 6) Infrared automatic search: short-press "MODE" till show "VOL", first then short-press "SCAN" that enter the infrared automatic search mode, and then press the direction key of upward or downward, the system will automatically search the infrared frequency, after the infrared frequency is found, the direction key of upward or downward "ACT" flashes, the system will emit infrared signals automatically, the transmitter will receive the signal sent by the receiver and lock it, that the system has been saved on the best channel, in 5 sec., no operation will exit this mode.
- 7) Automatic record of ON/OFF state, next time the power is plugged in, the power on/off state is saved during the last power cut.