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# Wireless microphone User Manual



## I Products

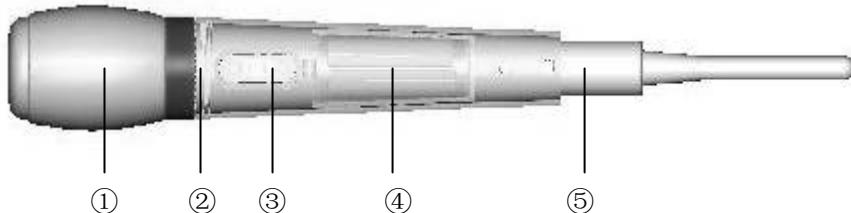
Obtain FCC certification for this product, the unique performance, the use of advanced audio processing technology, precision reasonable circuit design, multi-level and high-frequency narrow election IF frequency filtering, fully eliminate the interference signal, reliability has been greatly increased. Microphone sensitivity, frequency response, SNR, the biggest sound pressure level, such as with professional requirements. Used MCU control programme, focused on considering the protection and automatic power-saving function. Professional dynamic microphone sound head and the magnetic network, damping materials carefully selected.

The product used two microphones AAA 1.5V battery-powered, built-in receiver 9 V battery case, but also external DC +9 V (being in the negative) power supply, battery change is very convenient. Standard 3.5 audio output interfaces to facilitate connectivity PSIII game equipment, with a special audio tips apply to the use of large-amp.

Microphone luminous appearance innovative design, performers and the audience to bring extraordinary fantastic results. Through different microphone luminous color distinction between performers. That your ideal.

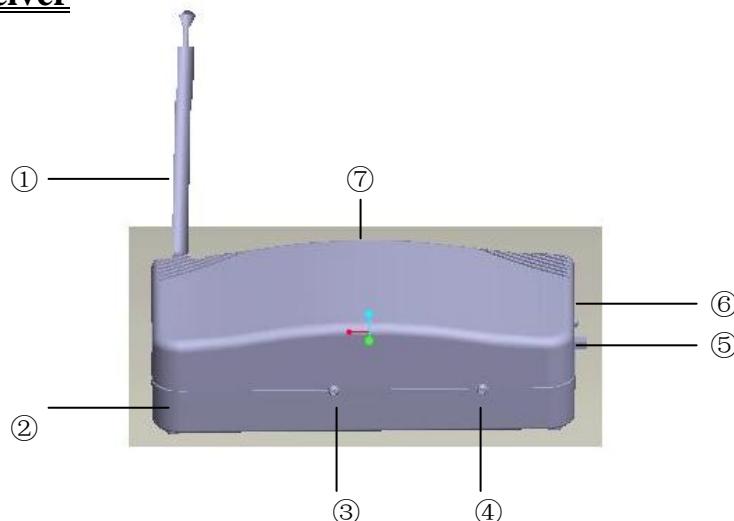
This product appearance and structural design of the national patent applications are related to protection of the laws.

## II Microphone



1. MIC IN    2. LED    3. Power on-off    4. Battery Box    5. TX antennas

## III Receiver



1.RX antennas    2. Battery Box    3. RX LED1  
4. RX LED2    5. Power on-off    6. DC9V IN Jack    7. Audio out Jack (L and R)

## IV Operation Guide

1. Microphone Operation: microphone transparent casing anti-clockwise rotation, according to the correct polarity direction into two AAA 1.5V batteries, then clockwise direction in a transparent shell into the microphone body, then the correct whip Microphone-shaped antenna into the rear will be placed switch "ON" position, this indicator can be turned into the working conditions (see the following section LED display 4:00 note), a blue and red microphone signals corresponding receiver blue (CH1) and red (CH2) frequency of the LED.

2. Receiver operating (PSIII game configuration): receiver open the battery cover in the correct polarity direction into a 9 V battery, and then wiring in the annex to insert the PS3 converter input socket on the other end Insert the receiver 3.5 standard audio sockets, switches will be placed in the "ON" position, then the receiver power indicator light, said that the receiver can start work and receiving signals transmitted from the microphone, the microphone signal received the corresponding channel signal LED also brightened, the game will be necessary at this time the menu should be elected position of the corresponding game programs, all on Syria before the game with the singer in a song contest.

3. Receiver operating (OK amp karaoke machine configuration): receiver open the battery cover in the correct polarity direction into a 9 V battery, and then in the annex to the cable and connector insertion karaoke machine OK AMPLIFICATION The audio input socket, it will switch at the "ON" position, then the receiver power indicator light, said that the receiver can start work and receiving signals transmitted from the microphone, amplifier of this will be the volume of spin and MIC IN Button placed third position, and power amplifier-player and display device should be connected to normal, after all the display equipment can be OK singing karaoke.

4. LED Display: will be placed microphone switch "ON" position, one of a lit LED 3 seconds, and then cycle three LED flashes when the microphone without audio signals (stop singing) more than three minutes to cease flashing , this LED is only a faint light, complete machine into the power-saving mode. If a microphone audio signal (to sing), flashing LED automatic entry into the cycle.

5. Other features: a microphone and receiver with automatic protection devices and power-saving mode, when no microphone audio signals (stop singing) over one minute, the microphone signal will automatically stop firing into the protection of the state, at the same time open the MCU power-saving mode, receiver has entered fully power-saving mode. For the process of singing suspended singing, and do not want to pick up the microphone to other sounds, the game can handle the Pause button.

## V Performance Parameters

Carrier Frequency	VHF174 MHz -216MHz
Mode	FM
Frequency error	±100KHz
Audio Frequency Response	100Hz-10KHz
THD	<8%
S/N Ratio	> 80dB
Max. Modulate Range	±25KHz
Working	10-15M (Open environment)
Transmit power	8mW
Sensitivity	(TX) 8 dBm ; (RX) -65 dBm
Audio Output	250mV-300mV
Directivity	Single point
Battery	(TX):1.5V AAA*2 ; (RX):DC9V
Temperature Range	10°C ~ 40°C
Dimensionsy	Microphone (289*42.5); Receiver (117*62*31)

## VI Packing list

1. Wireless microphone 2PCS
2. TX antennas 2PCS
3. Receiver 1PCS
4. Audio cable 1PCS
5. Audio plugs 2PCS

## VII Attention Matters

1. Please correct installation of battery, pay attention to positive and negative polarity.
2. When the microphone is noise or receive shorter distance, should be replaced microphone and receiver battery.
3. Please correct use of microphones, not to throw, throw, throw, it will seriously damage the engine, the protection of the surface of the transparent microphone.
4. If the distance is too great, and the noise generated rustle that exceeded the scope of services, return to the acceptable range.
5. After use, such as no longer to be sure demolition battery, battery to avoid metamorphic fluid, mechanical damage.
6. Host advised to avoid using on a corner, in order to maintain good signal reception.
7. Body should avoid direct sun or rain, as far as possible from high electromagnetic fields.
8. Please do not open without the engine, if fault, please contact the dealer or the company.

**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
- (2) This device must accept any interference received including interference that may cause undesired operation.

This equipment generates or uses radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

**INFORMATION FOR USER**

This equipment has been tested and found to comply with the limits for low power auxiliary stations, pursuant to part 74 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can generate radio frequency energy and, if not installed and used in accordance that the interference, may cause harmful interference to radio communications. However, there is no guarantee with that interference will not occur in a particular installation. If this equipment dose cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interferences by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the equipment to an outlet on a circuit different from that receiver is connected.
- Consult the dealer for technical assistance.