



# MICROPHONE

WIRELESS MICROPHONE SYSTEM

*Instruction Brochure*

# Attations

1. To ventilate fully, the smallest gap around equipment is longer than 30cm.
2. The air vent should not be covered by things such as the newspaper, tablecloth and curtain hindering ventilation.
3. The exposed flame source like a lighted candle should not be laid aside on the equipment.
4. Should not use the water or the wet cloth to clean the equipment, to avoid damages of the equipment.
5. The equipment should not suffer the waterdrop or the water splashes. The equipment should not be laid aside by such as the vase full of liquid.
6. The abandoned battery is influential to the environment, please put in the assigned recycling box.
7. The equipment have unresounding circuit switch, the transformer need to work for long time.  
Therefore, when you don't need to use the equipment, please turn the switch to "off" position.
8. The equipment should keep out of sunshine under the tropical zone or temperate zone weather condition.

## Introduction

We really appreciate that you purchase the product of this model. Before using the machine, please read this user manual carefully to understand how to use the machine correctly. After finishing reading please keep it in a safe place in order to make reference to use in the future.

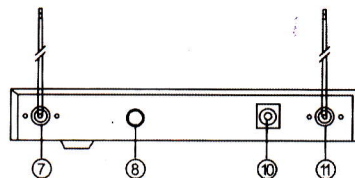
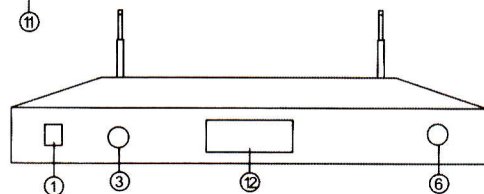
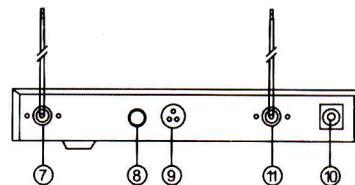
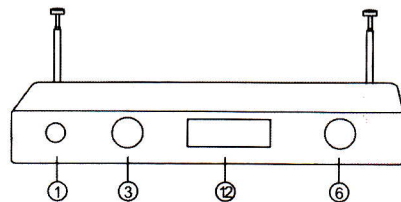
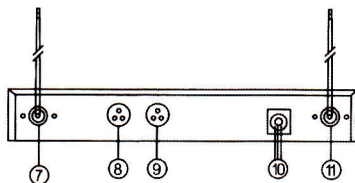
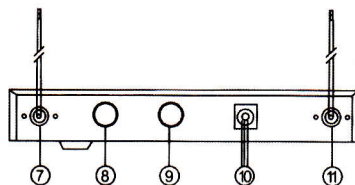
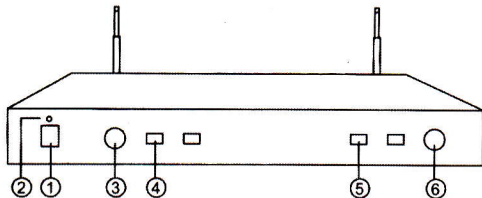
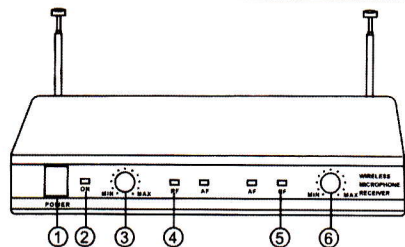
This professional wireless microphone system adopt American extremely high sensitivity VHF technology and 1 5ppm quartz crystal locked frequency, Switching surge cancellation circuit, Anti- reaction circuit, slowly change output control technology, It adopt the computer EDA, Imitate to on line assist design, to make every system have outstanding performance after strict quality supervision.

## System characteristics

1. Broad - band electrical noise frequency response, High signal-to-noise.
2. Strong antijamming capability, no toucheses noise output.
3. High mute function, Low scale distortion.
4. Have no switch impact noise, so can protect the amplifier and speaker.
5. Operate status and power supply standard display.
6. Have over 60 meters wide operation range in the good environment.
7. Dual-channel designs, two Handheld (or Lapel) wireless microphone can be used together without interference.
8. Apply to large-scale and medium-scale performance.
9. Suitable for karaoke room and home theater.



## 接收机的组件

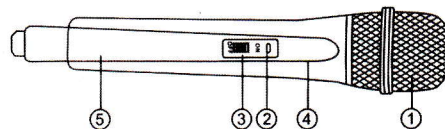
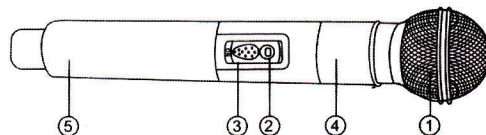
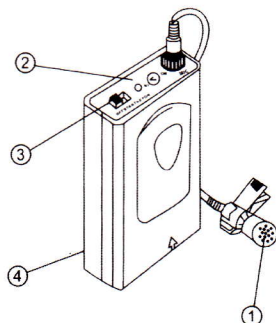


1. Power switch, push switch upw  
ard means power supply is on.
2. Power supply signal light
3. A volume control switch
4. A voice frequency signal light
5. B voice frequency signal light

6. B volume control switch
7. B antenna connector
8. Mix out
9. Mix out
10. A-C plug socket
11. Antenna connector
12. Display

## Transmitter components(handheld microphone)

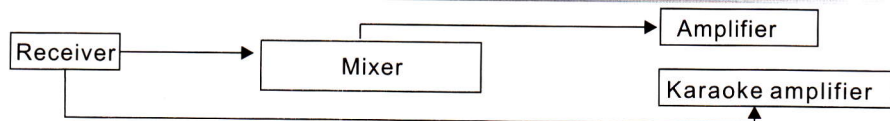
1. Suffer audio(Mic head)
2. Low power indicator
3. Switch
4. Mic body
5. Battery cover



## The use of guitar microphone

1. Connect the receiver and audio adjuster, connect the power and mic cable. A audio output, B audio output and mix output. Then connect the amplifier or mixer, pull-out the antenna and turn on the power; power indicator flash, that means receiver is working. (To provide a good working environment for receiver, please do not place the receiver on the corner.)
2. Open the battery cover, pack the battery correctly and then close the battery cover. (There is homologous label on the battery and the battery box, please accordingly pack the battery.)
3. Turn the switch to "on" position, Signal light will shine short moment, that means receiver is receiving signals. Namely receiver receive useful signals from the microphone. adjust the signal vloume switch and volume switch of amplifier, to ensure this system hit a big volume, The microphone send greetings and output signals.
4. When the indicator of mic turn off or turn dark, it means the battery is in low power and need to change the battery.
5. If a few systems are used at the same time, please choose different voice frequency machines.

## System links direction



## Remark

When the power is lower than 7V, the signal may be unstable, distance impact transiently. The sound quality is not as good as normal. And you have to change the battery.

## safety guide

**Safety guide:** please read the safe operate direction.

**Save direction:** please keep it in a safe place in order to make reference to use in the future.

**Warning:** Please take attention of product operate direction.

**Use and save:** Please do not deposit this product in highly moist and strong electromagnetism place, or sunlight direct insolation place and highly opacitas environment. If the product would not be used in a long time, please draw out attaching plug and take out the battery.

**Cleaning:** power must be turn off before cleaning the machine, using wet cloth instead of spray and liquid which are forbid for cleaning.

**Accessory:** Please use the accessories provided by factory or suitable accessories.

**Power:** can only use standard power supply that the label provides, please confirm the voltage of the machine in your using range.

**Maintain:** please don't maintain yourself because it would be dangerous of electric shock in high pressure. It should be maintained by professional maintenance man.

**Partly refitting:** If some fractions need to be refitted, it must be according to the engineering specification, or using original machine. Otherwise it would take place of burn or electric shock.

**Security detection:** If the machine suddenly interrupts or the performance is down, please turn to a professional maintenance man for detection. Please do not open the cabinet yourself or break into. You can contact the local agent and they will offer you good services.

## System parameter

1. Frequency range: 180-270MHz (VHF)
2. Frequency stability:  $\pm 0.005\%$
3. Modulation system: FM
4. Maximum modulation range:  $\pm 15\text{KHz}$
5. Frequency response: 40Hz-20KHz
6. Signal-to-noise:  $\approx 100\text{dB}$
7. Dynamic range:  $> 100\text{dB}$
8. Distortion:  $\approx 0.5\%$
9. Operating range: 50metre
10. Temperature:  $-10^{\circ}\text{C}$  to  $50^{\circ}\text{C}$

## Receiver parameter

1. Receive system: quartz crystal locked frequency
2. Sensitivity: 60dB
3. S/N:  $> 100\text{dB}$
4. Standard output: Unbalance model: CHA+B:  $0\sim 0.5\text{V}/5\text{K}\Omega$   
Unbalance model: CHA&CHB:  $0\sim 0.5\text{V}/50\text{K}\Omega$
5. power voltage: AC 110V or 220V ( $\pm 10\%$ )
6. power:  $< 15\text{W}$

## Transmitter(microphone)

1. High frequency output: 30mW (max)
2. Higher harmonics:  $> 45\text{dB}$
3. Antenna: built-in
4. Cartridge directivity: signal
5. Battery: it depends
6. Nominal current: 25mA
7. Battery time: more than 8 hours