

# Instruction Manual



**VHF WIRELESS MICROPHONE  
SYSTEM**

## WARNING

These products are designed for anechoic circuit switch, the transformer with last out for a long-time working, so please pull out the pin and turn off "power" when you do not use it.

## SAFETY GUIDANCE

### READING GUIDANCE:

You'd better read the safety and operating guidance before using this product.

### STORING GUIDANCE:

Keep this instruction in a safe place in order to use it again as a reference in the future

### WARNING:

Pay attention to the warning on operating about this product.

### ABIDING BY THE GUIDANCE :

Please abide by all operating and using required.

### USING AND STORING:

Don't place the product in a high moist and high electronic magnetic place or in a sunshine shines directly and a high temperature surrounding. If do not use it for a long period, please pull out the power plug. And withdraw the battery from the microphone.

### CLEANING:

Must put out the power plug before you dean this unit with a moist doth, don't use liquid or spray,

### ACCESSORIES:

Please use the accessories made by the manufacture factory or ones qualified by them.

### POWER:

The power of this unit is only available to the standard on label listed. Please confirm whether is can use in the voltage range in your zone

### MAINTENANCE:

Don't maintain it by yourself. Maybe be shocked by the dangerous voltage when you open the outer shell. Should be maintained by a qualified repairer.

### PARTS CHANGED:

If some part need to be changed, should be matched with the specification of manufacture or used original one. Or causes by making fire or other danger as shock etc.

### SAFETY CHECKING:

If the machine has broken down or worked with low function, please ask a professional repairer to adjust it , but please don' open the outer shell to adjust it by yourself, should it be destroyed. Or please contact with the agent in your local. They will serve you sincerely.

### To all residents of the European Union

### Important environmental information about this product.



This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose the unit or batteries as unsorted municipal waste, its should be taken to a specialized company or local recycling service. If in doubt, contact your local waste disposal authorities.

## FOREWORD

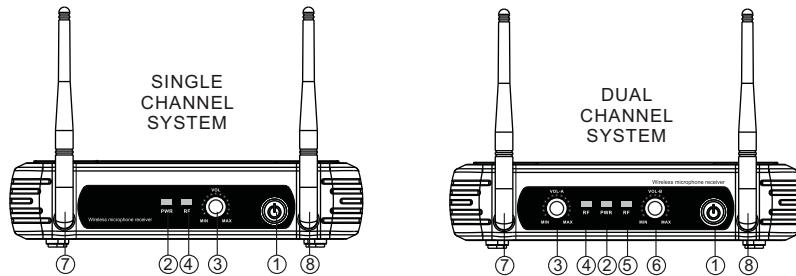
Thanks for purchasing this product, please read this instruction carefully so that can understand how to operate the product of the style you bought correctly. Please keep this brochure in a safe place carefully after reading as a reference in the future.

This professional wireless microphone system was designed by America technique with a super sensitive VHF high band frequency receiver and controlled with 15ppm crystal, a put on and put off to hit and cancel circuit. resist reverberation circuit and changed output controlled slowly ... ect. And designed by a computer EDA system and finished on its item named pattern line. Every system is available to an excellent electric function by Q.C. controlled strictly.

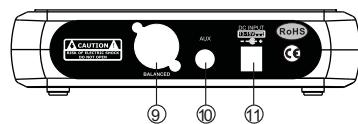
## FEATURES

- Wide frequency response, high S/N ratio.
- Resist disturbing strongly, be standing by noises output to zero.
- Super silent function, low T.H.D.
- No hitting when putting on the switch, so can protect the amplifier and speakers.
- With a complete working state and power level indicating.
- With a wide using range for over 30m in a good surrounding, for 20m in a duplicate one.
- Dual channel designed, two microphones can use at the same time to sing without any disturbing caused by.
- Used in the entertainment places as a larger and a middle stage,
- Karaoke hall or at home ... ect.

## NAME OF RECEIVER AND MICROPHONE

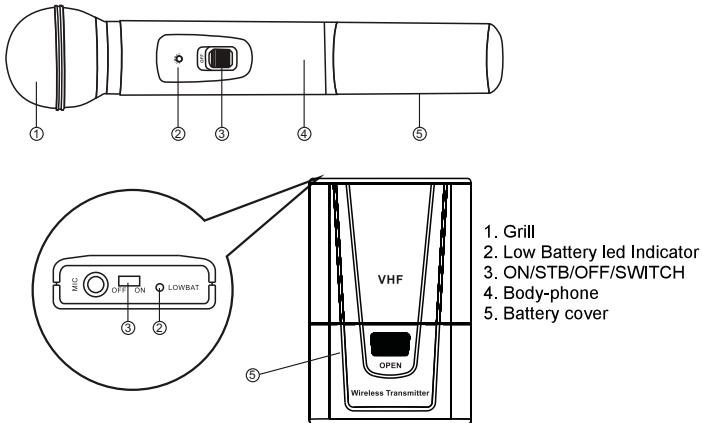


## REAR PANEL



1. Power switch
2. Power signal lamp
3. CHA volume control
4. CHA signal lamp
5. CHB signal lamp
6. CHB volume control
7. CHA antenna input terminal
8. CHB antenna input terminal
9. AF out
10. AF mixing out
11. AC Power cord

## NAME OF MICROPHONE



## USING GUIDE INSTRUCTION

### OPERATION

- Put the receiver near the audio adjustor, connect with power and the signal protected cord with A.OUT, B.OUT or MIX.OUT. And then connect with the amplifier or the microphone of the audio adjustor (MIC IN). Draw out two antennas completely. Put on the power switch, The power indicator shines. This receiver is being standing by. (Don't put the receiver in a corner in order to work in a good condition)
- Unscrew the cover of battery case, install the battery correctly, then light it up. (There are labels on battery and battery case, don't install the battery oppositely)
- Put the switch to ON position. The signal lamp will shine at that time. the signal on the receiver available to the signal channel on. It means that the signal is available for the receiver from the microphone. Adjust the signal volume switch and the volume switch on the amplifier, keep this system a bit of volume. Speak to the microphone and output the signals.
- If the signal on the microphone is off or dusky, the battery is being low voltage. means that it needs to replace a new battery.

### Notice

When the power pressure is lower than 7V, it may cause the instability of signal, the shorter effective distance and the timbre maybe not as good as normal, so please change new battery to avoid these.

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

## SPECIFICATION

### OVERALL SYSTEM

Carrier frequency range.....	174.2MHz-215.8MHz
Frequency stability.....	<0.005%
Modulation Mode .....	FM
Maximum deviation range .....	15 kHz
Frequency response .....	40 Hz - 20 kHz
S/N Ratio .....	>100 dB
Audio Dynamic Range .....	>100 dB
T.H.D. .....	< 0.5%
Service areas.....	50 meters (in the best conditions)
Temperature Range.....	-10 °C - 50 °C

### RECEIVER

Receiver System.....	Fixed frequency by quartz controlled
Receiving Sensitivity.....	60 dB S/N ratio (12dBu)
S/N Ratio .....	>100 dB
Audio Output Level.....	Unbalanced mode of CHA+B 0~0.5V / 5kOhm Balanced mode of CHA+B 0~0.5 / 50kOhm
Power Supply.....	220 ~240Vac / 50 Hz

### MICROPHONE

RF Power output.....	1.45 mW
Spurious Emissions .....	>45 dB carrier wave
Antenna .....	Built in
Microphone Element.....	Unidirectional Dynamic Microphone
Battery .....	1.5V x 2
Current Consumption.....	About 25 mA
Battery Life.....	Over 8 hours continuous operation