

# 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

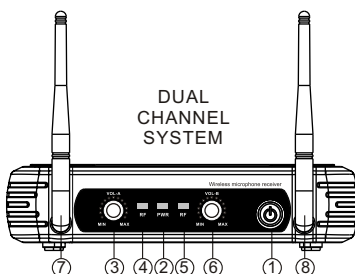
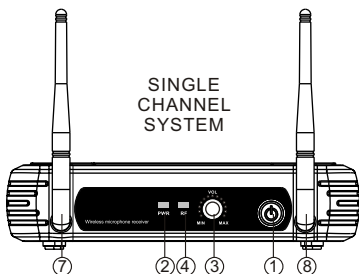
Thanks for purchasing this product, please read this instruction carefully so that can understand how to operate the product of the style you bought correctly. Please keep this brochure in a safe place carefully after reading as a reference in the future.

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.

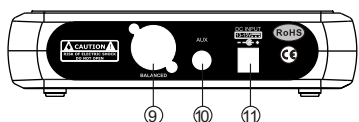
## FEATURES

- 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.
- Duel 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

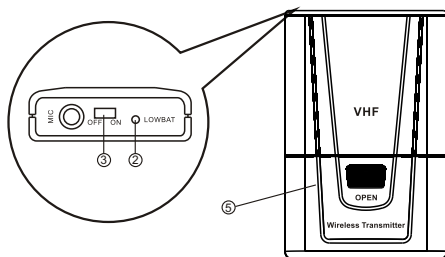
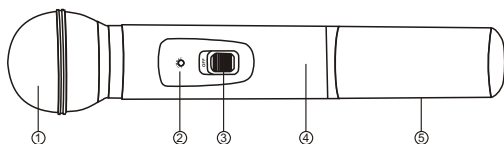


### REAR PANEL



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



1. Grill
2. Low Battery led Indicator
3. ON/STB/OFF/SWITCH
4. Body-phone
5. Battery cover

## 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.

## SPECIFICATION

### OVERALL SYSTEM

614.200 MHz to 697.800MHz

Carrier frequency range .....  
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

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

FCC Caution.

§ 15.19 Labelling requirements.

This device complies with part 15 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.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 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 radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.