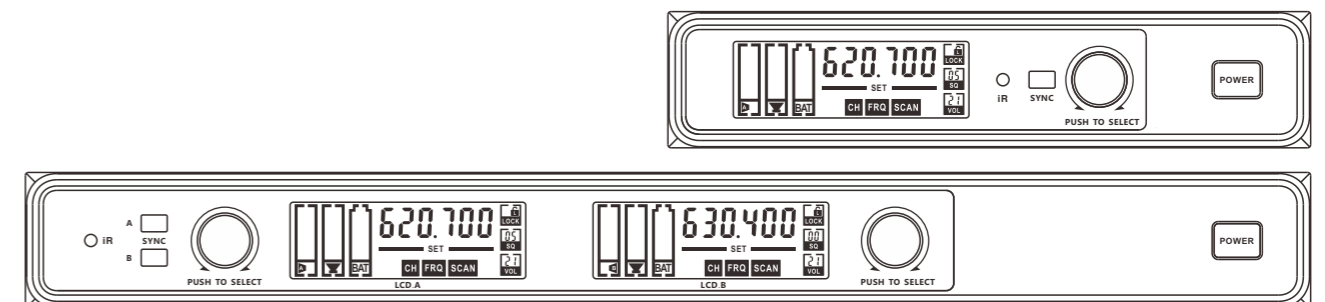


TRUE DIVERSITY

TRUE DIVERSITY PROFESSIONAL WIRELESS MICROPHONE



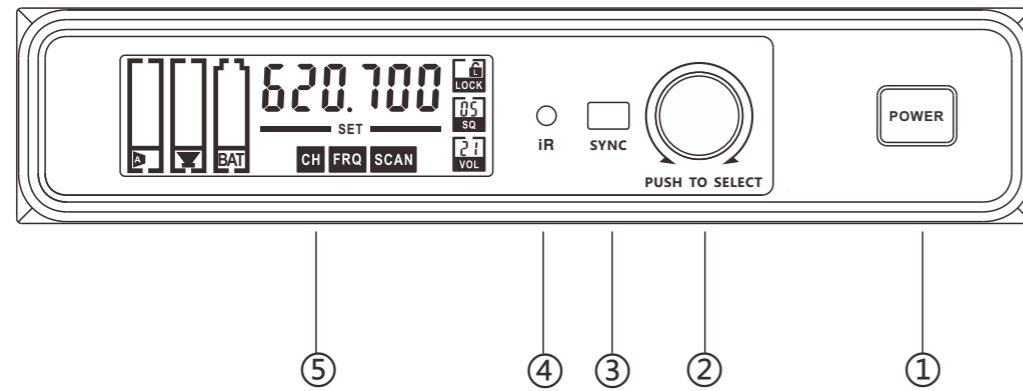
PRECAUTIONS

1. To assure the finest performance, please read this manual carefully. keep it in a safe place for future reference.
2. Do not use force on switches or connection wires. When moving unit, first disconnect the powerplug and the wires connected to other equipment. Never pull the wire itself.
3. Install this unit in a cool, dry, clean place--- away form window, heat sources of excessive vibration, dust, moisture and cold. To prevent fire or electrical shock, do not expose this unit to rain or water.
4. Only use provided power adapter, and confirm the voltage is correct to the adapter, The use of other power adapter may damage the machine and void your warranty.
5. The machine use 220VAC power supply voltage, the use of other voltage may cause fire and fault.
6. Avoid collisions or vibration of the machine.
7. Never open or try to change the circuit of the receiver, transmitters and the power adapter. This could damage your machine and void your warranty. If the machine fails to work, please send to the Maintenance Service Center authorized.
8. Be sure to read the"troubleshooting"section regarding common operating errors before concluding that the unit is faulty.
9. If there are any abnormal cases happened during using, such as smoke,odor,etc.,please unplug the adapter immediately,and send the machineto the Maintenance Service Center authorized asap.
10. Use the 2A alikline batteries or rechargeable batteries for the transmitter.Be sure the polarities are correct.(See the illustration inside the battery compartment.)Remove the batteries if the transmitters will not be used for an extended period of time.
11. When not planning to yse this machine for long periods of time,disconnect the power adapter plug form the wall outlet.12.Do not attempt to clean the unit with chemical solvente;this might damage the finish.Use a clean,dry cloth.

CONTENTS FEATURES

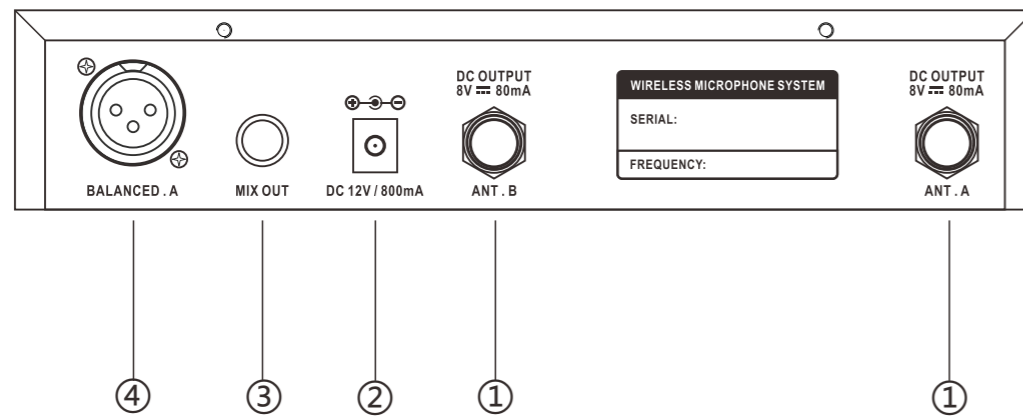
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1. The front panel name and function



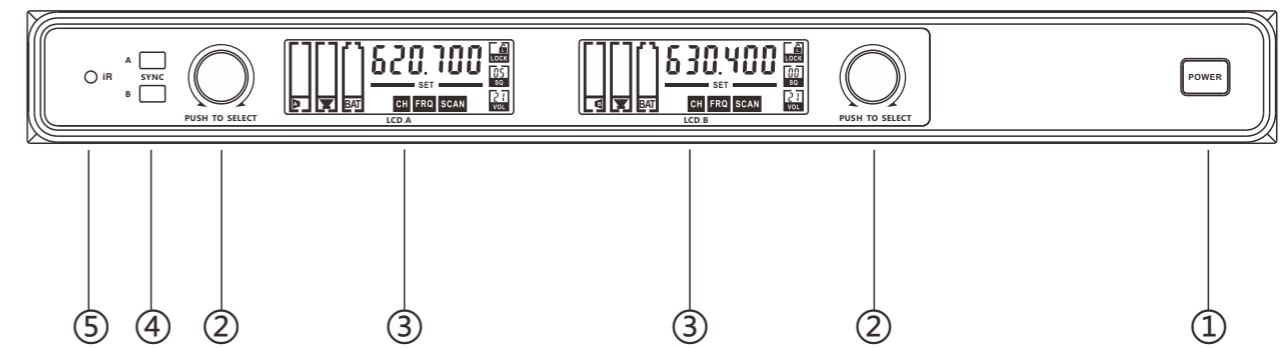
1. Power switch, long press for about 2~3 seconds to turn on/off;
2. The main function button is used to set the receiver function;
3. Infrared synchronization button;
4. IR infrared synchronization window;
5. LCD display shows the working status of the host in real time;

2. The rear panel name and function



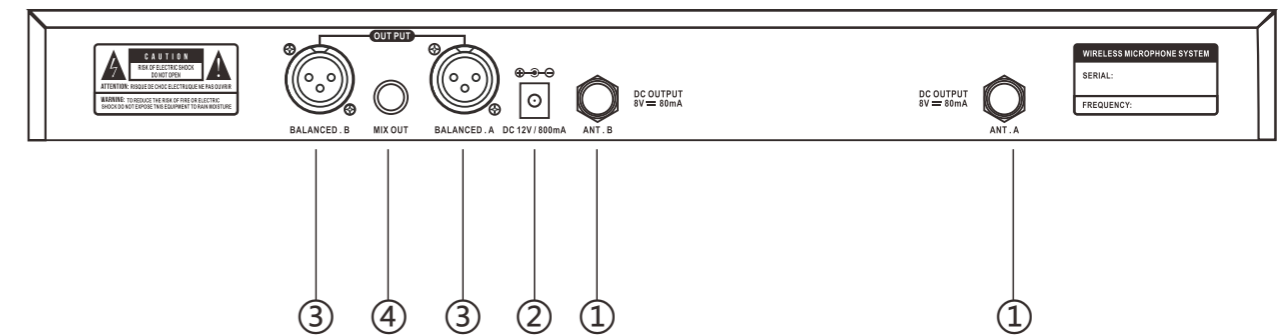
1. A/B antenna base;
2. 12V \equiv power socket;
3. Unbalanced mixed output;
4. Audio XLR balance output;

3. The front panel name and function



1. Power switch, long press for about 2~3 seconds to turn on/off;
2. The main function button is used to set the receiver function;
3. Infrared synchronization button;
4. IR infrared synchronization window;
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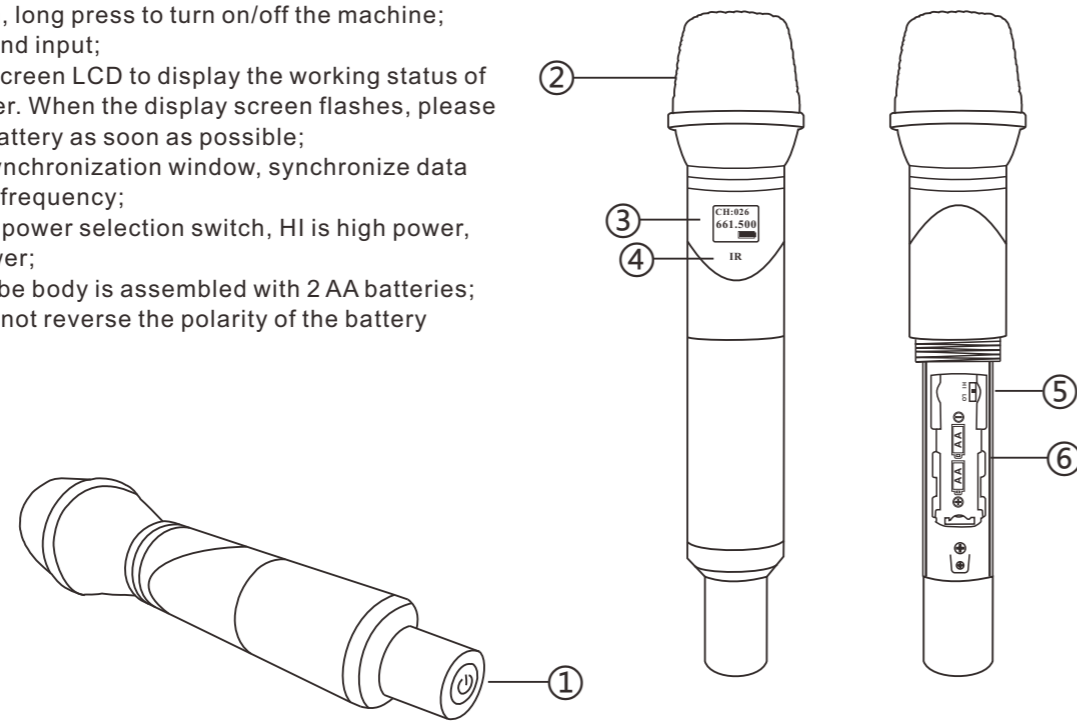
4. The rear panel name and function



1. A/B antenna base;
2. 12V \equiv power socket;
3. Unbalanced mixed output;
4. Audio XLR balance output;

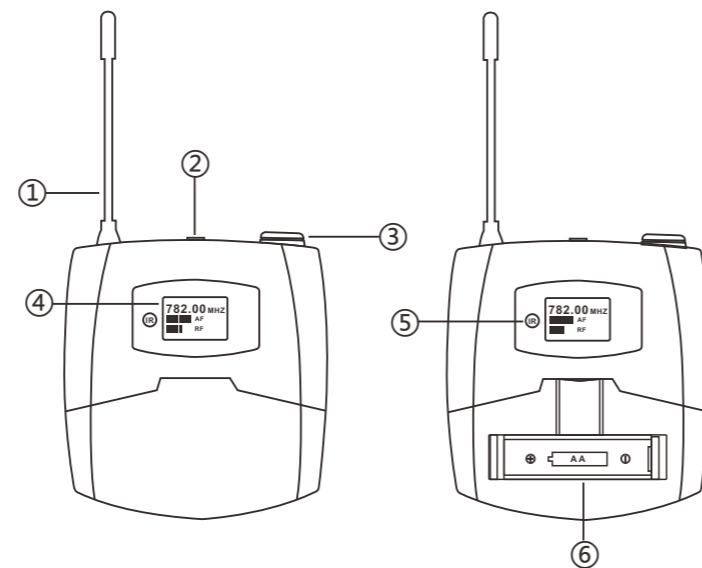
5. Handheld Transmitter

1. Power switch, long press to turn on/off the machine;
2. Capsule, sound input;
3. The display screen LCD to display the working status of the transmitter. When the display screen flashes, please replace the battery as soon as possible;
4. IR infrared synchronization window, synchronize data with receiver frequency;
5. High and low power selection switch, HI is high power, LO is low power;
6. The under-tube body is assembled with 2 AA batteries; (Warning: do not reverse the polarity of the battery to install).



6. Bodypack Transmitter

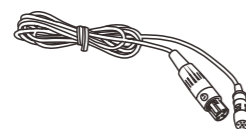
1. Transmitting antenna;
2. Power switch;
3. Headset / lavalier microphone input socket;
4. LCD display screen;
5. Infrared synchronization window, synchronize data with receiver frequency;
6. Battery compartment, AA1.5V x 1;



Headset microphone

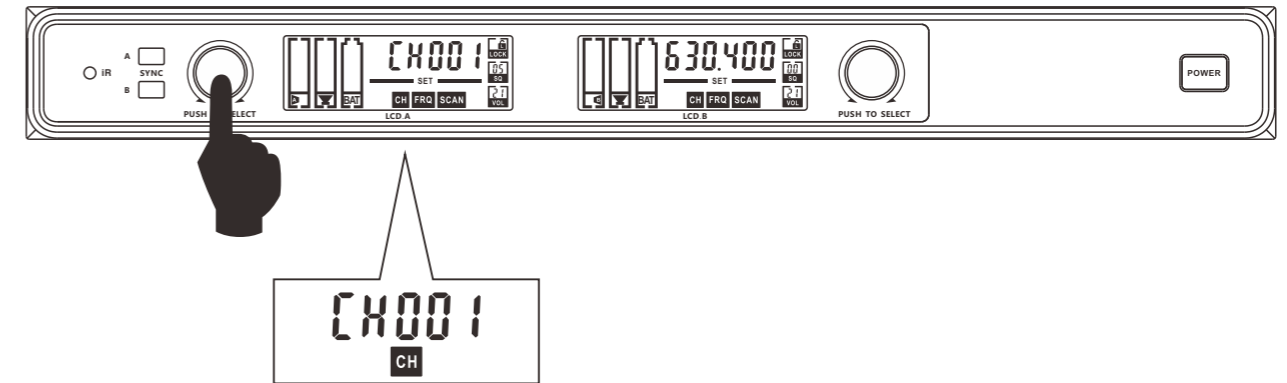


Valier microphone

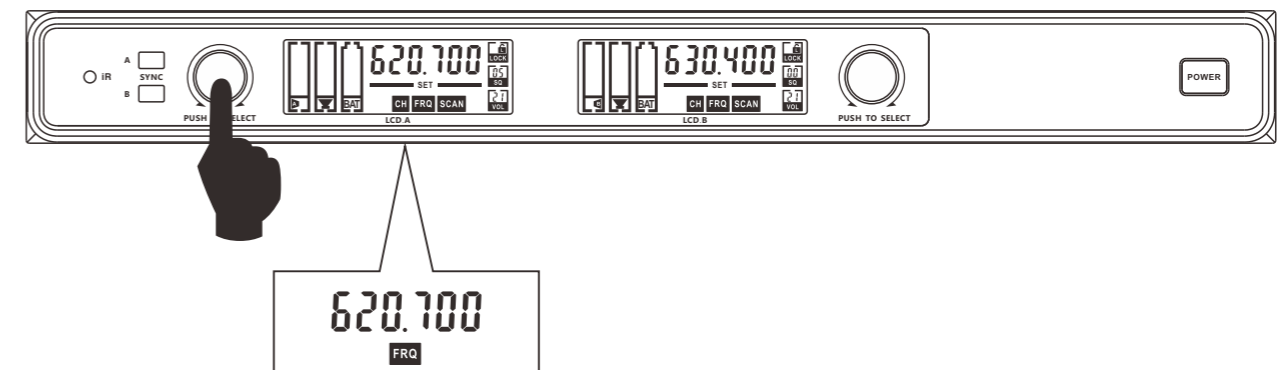


7. The menu operation method

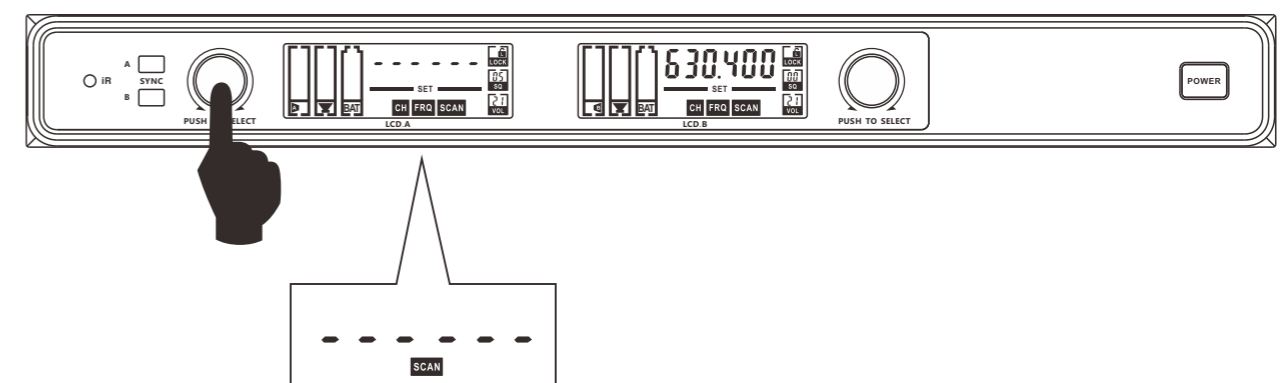
1. Frequency group selection: Long press the function button for about 3 seconds, turn the function button to the left or right to make the cursor select (CH), and press the function button to confirm to enter the frequency group setting when (CH) is flashing. Rotate the function button to the left or right to select the frequency group (channels 1-32 are the 32 frequency channels set by the factory default) and press the function button to confirm to complete the setting and exit the system.



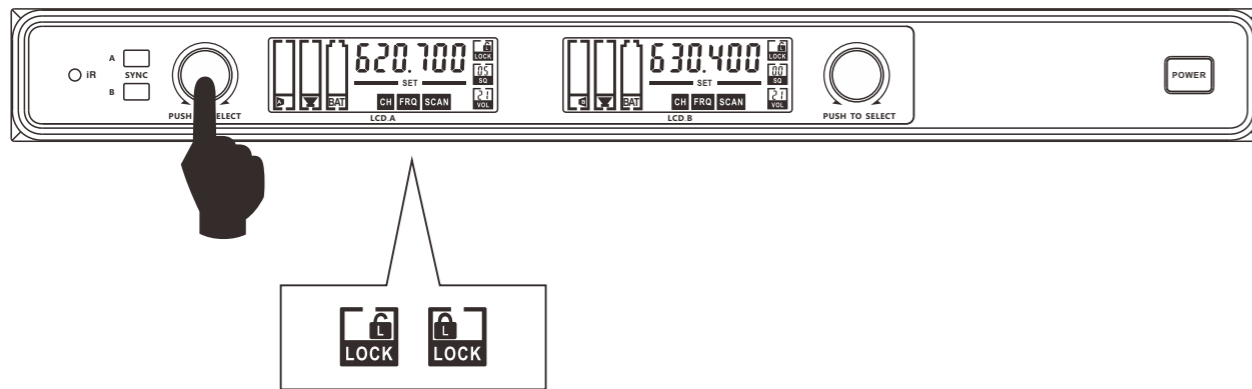
2. Tuning frequency selection: long press the function button for about 3 seconds, turn the function button left or right to make the cursor select (FRQ), when (FRQ) is flashing, press the function button again to confirm to enter the frequency setting, or Rotate the function button to the right to select the frequency (50KHz increase or decrease) and press the function button again to confirm the setting and exit the system.



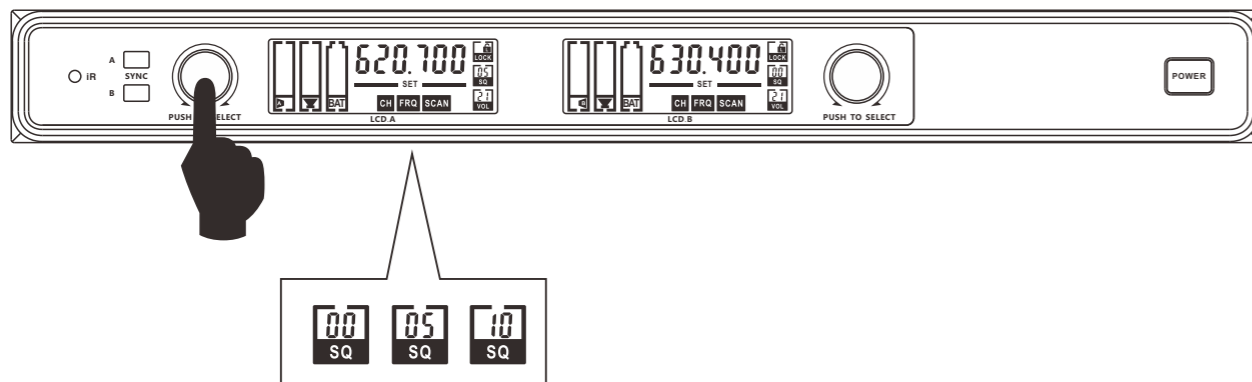
3. Frequency automatic search (search for the frequency group with the least interference): Long press the function button for about 3 seconds, rotate the function button to the left or right to make the cursor select (SCAN), when (SCAN) is flashing, press the function button again to enter the frequency automatic search, the host screen displays the progress of the search, after the search is completed, it will automatically exit and switch the frequency to the frequency channel with the least interference, and then synchronize the host with the transmitter and it can be used normally.



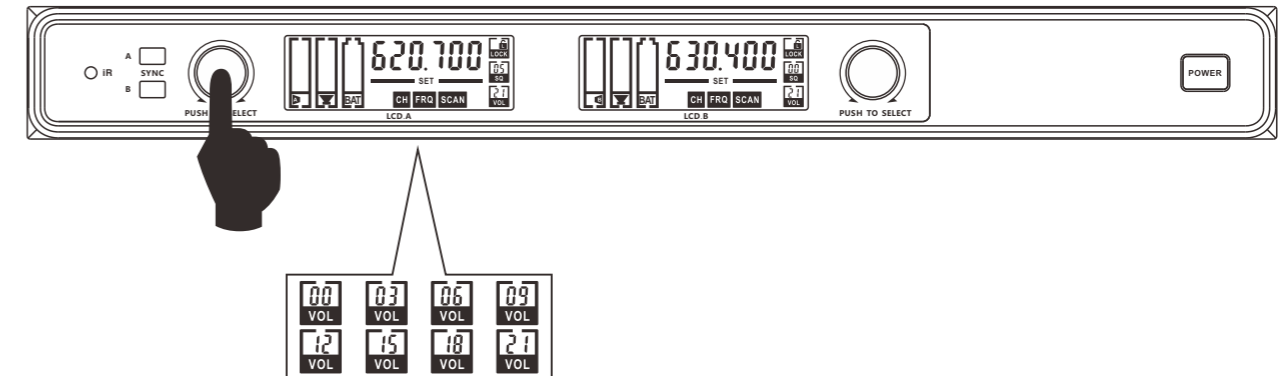
4. Lock key setting (LOCK): In order to prevent malfunction, the keyboard can be locked. Long press the function button for about 3 seconds, rotate the function button to the left or right to make the cursor select (LOCK), when (LOCK) is flashing, press the function button again to select "LOCK" to enter the lock key setting, and then rotate the function button to the left or right to select the function to lock or unlock, and then press the function button again to confirm and exit the menu (after the key is locked, the operation setting will not be possible, and "LOCK" will be displayed when any key is pressed. The receiver can be set after unlocking).



5. Squelch control (SQ): Long press the function button for about 3 seconds, rotate the function button to the left or right to make the cursor select (SQ), when (SQ) flashes, press the function button again to confirm to enter the SQ setting, there are three Level setting (0-10dB) Rotate the function button to the left or right to set. The SQ value, the larger setting, the stronger interference spreading ability but the relative receiving sensitivity is reduced. (The default factory value is 0dB) After selecting the SQ value, Press the function button to confirm to complete the setting and exit the system.

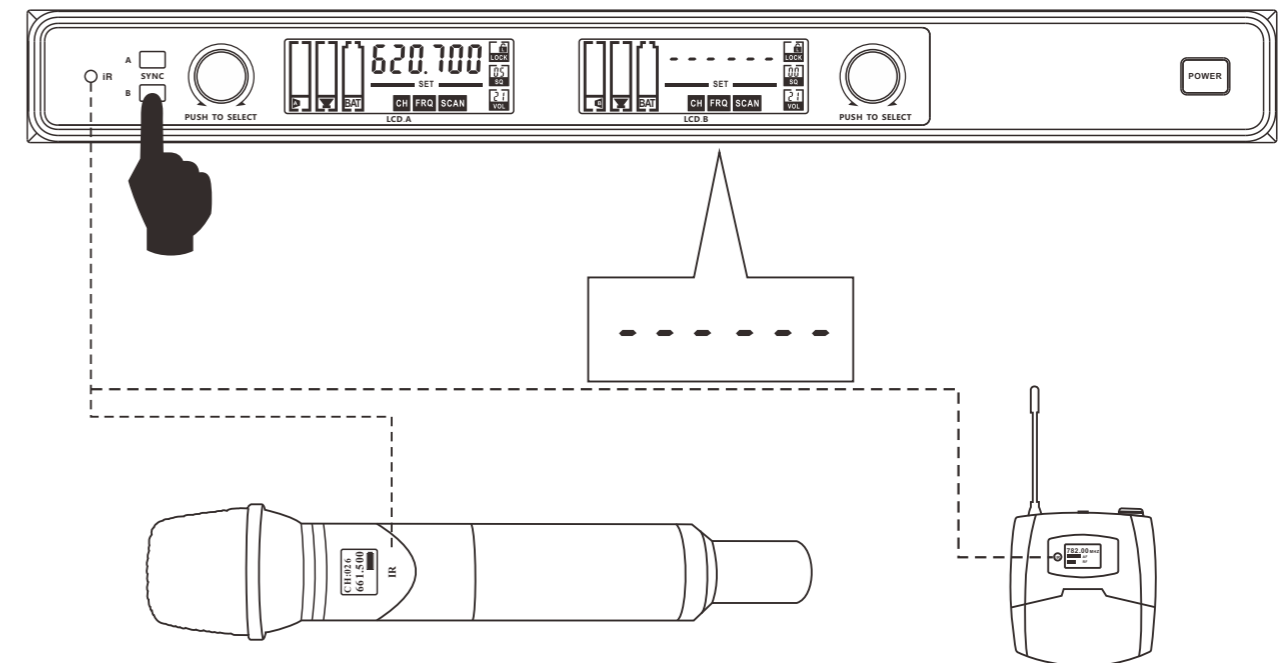


6. Volume control (VOL): Long press the function button for about 3 seconds, rotate the function button left or right to make the cursor select (VOL), when (SQ) is flashing, press the function button again to confirm to enter the VOL setting, (0 -21 value) Rotate to the right, the greater the value, the greater the volume. Rotate to the left, the smaller the value, the lower the volume. After setting the VOL value, press the function button again to confirm the setting and exit the system.

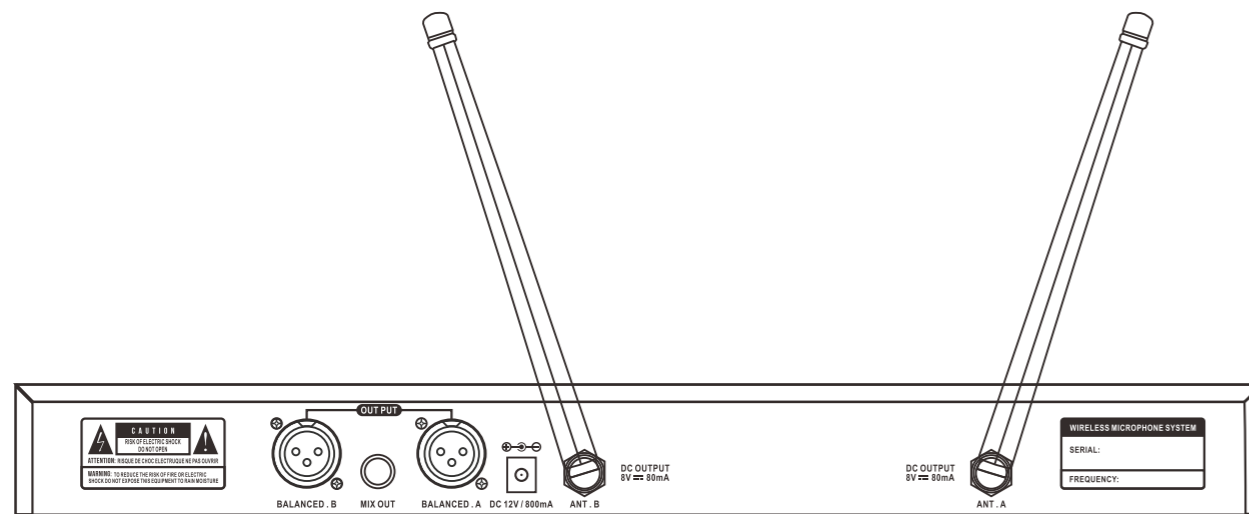


8. the infrared frequency

1. Synchronize the receiver and the transmitter: press the (SYNC) button on the panel with one touch, the display of the host will display the IR progress bar, and the infrared linking is activated. Align the infrared window of the microphone with the (iR) infrared window of the receiver (The distance is 10~15cm), when the transmitter is finished receiving, the frequency will be updated to synchronize with the receiving master, the RF signal of the receiver display is full, the infrared frequency linking is completed, the receiver automatically exits the infrared operation.



9. The receiver installed in



1. The antenna two antenna are respectively arranged on the back panel of the connecting seat, and the antenna to a 45 degree angle to the vertical line of position.
2. The DC power supply input socket output DC power adapter is connected to the receiver, while the other end is connected to the AC power plug Seat (Note: the AC power adapter must comply with the specifications voltage specification range area).
3. Can not connected parallel hybrid output socket: audio signal while the output A channel and B channel.
4. Can be connected in parallel output socket, A, B channel audio output socket is independent of the parallel.
5. In order to enable the machine to obtain good reception, the receiver must be installed on the ground to less than 1 meters, and then the transmitter Receiving antenna at least distance of 2 meters, the distance of at least 1 meters above the surface of the wall.
6. To maintain the antenna away from the interference source, such as computer equipment, digital equipment, television sets, also far away from big area metal objects.
7. Between the receiver and transmitter locations to minimize obstacles, in the line of sight is the best.

10. open process equipment

1. Before turning on the transmitter is turned off, adjust the volume of the first mix amplifiers set minimum, and then turn on the receiver power.
2. Receiver Frequency Selection: The receiver consists of two identical receiving portions and therefore the method of operation is the same. Press the down arrow key to select the next channel and frequency, the UP ARROW choose a channel and frequency, and then press the SET button to determine.
3. Synchronous receiver and transmitter.
4. Synchronous receiver and transmitter, RF receiver display indicates the level display full grid, Said that has received the signal of the transmitter. The amplifier's volume is then transferred to the appropriate size. (Edge to adjust the volume of the amplifier microphone pronunciation edge). When microphone pronunciation, AF indicate the receiver display level according to the size of the volume, the corresponding number of cells beating.

11. Safety Precautions

1. The antenna in installation and receiver to the correct installation, because of the influence of reception antenna and transmitter receiver is larger, the better the closer distance.
2. The working voltage can not be less than 12V, otherwise it can not work normally not more than 16V, so as not to damage the internal parts.
3. This product can not be exposed to dripping or splashing water environment.

12. Technical indicators

Wireless Receiver	
Carrier wave frequency range	UHF610 ~ 937 MHz
Channel	Single / Dual channel
Modulation mode	FM
Oscillation Mode	phase-locked Loop controlled
Sensitivity	The degree of offset is equal to 25 KHz, enter 6dBuV time, S/N>60dB
Max excursion	± 45KHz
Integrated S/N ratio	> 105dB
Comprehensive T.H.D.	<0.7%@1KHz
Integrated Frequency Response	45Hz - 18KHz ± 3dB
Power requirement	DC12V-16V 10W
Output connector	XLR parallel and 6.3 parallel socket
Work effective distance	300M

Handheld Transmitter	
Carrier frequency	UHF610 ~ 937 MHz
Oscillation mode	PLL phase-locked frequency synthesizer
Harmonic radiation	<-65dBm
Maximum deviation	± 45KHz
Integrated Frequency Response	45Hz - 18KHz ± 3dB
capsule	Dynamic
RF power output	15MW
Battery	AA x 2
Current consumption	<90mA
Continuous working time	10 hours

Bodypack Transmitter	
Carrier frequency	UHF610 ~ 937 MHz
Oscillation mode	PLL phase-locked frequency synthesizer
Harmonic radiation	<-65dBm
Maximum deviation	± 45KHz
Integrated Frequency Response	45Hz - 18KHz ± 3dB
capsule	Condenser
RF power output	15MW
Battery	AA x 1
Current consumption	<90mA
Continuous working time	>8 hours