TROUBLE SHOOTINGS

Troubles	Status	Solutions
No sound or weak voice	The transmitter LCD display off	Turn on the transmitter power. Confirm that the + / - marks on the battery match with the head joint of the transmitter. Insert a new battery.
	Receiver LCD display off	Confirm whether a head of the AC power adapter is plugged into the power outlet and whether the other end is inserted into the DC power supply socket on the rear panel of the receiver. Check whether the AC power outlet is normal and Confirm whether the power supply voltage is normal.
	The display screen of the receiver shows that there is RF signal.	Adjust higher the receiver’ s volume control. Check the cable connection between the receiver and the amplifier or mixer.
	The display screen of the receiver shows that there is no RF signal. The transmitter and receiver power indicators light	Elongate vertically the receiver antenna. Move the receiver away from side of the metal objects. Check if there are obstacles between the transmitter and the receiver. Move the transmitter closer to the receiver. Check whether the receiver and transmitter are used the same frequency.
Distortion or excess of burst noise	The display screen of the receiver shows that there is RF signal	Remove the interference source nearby. (Such as CD player, Computers, Digital device, Earplugs monitoring system, etc). Change the receiver and transmitter to different frequency. Replace the transmitter battery. If you use multiple system, you can increase the frequency interval between various systems.
The transmitter can’ t be opened.	Press the transmitter switch and it doesn’ t work or open once and close automatically	Replace the transmitter battery.

UHF DSP WIRELESS MICROPHONE

UHF DSP WIRELESS MICROPHONE

OPERATIONS MANUAL

Before operating.please read this manual completetely.

Welcome you to our company 's Professional Wireless Microphone System!
Let us take you into a new world of intelligent, multi-functional, wireless systems!

UHF DSP Wireless Microphone System specification

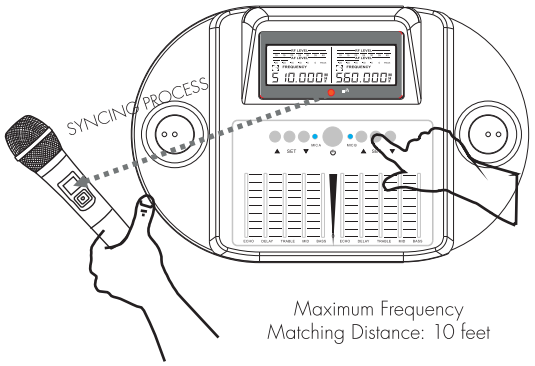
Modulation Method:FM
Frequency Range:510-560MHz,2X100CHs
Sampling Ratio:48KHz
Transmission Rate:204.8Kbps
Dynamic Range：>90dB
Total Harmonice Distortion：< 0.1%
Delay Time of Audio Transmission：<3ms
S/N Ratio:>96 dB
Frequency Response:30 ~ 20 Khz
RX Sensitivity:< -94dBm
Unique ID Address:YES

Some tips to improve the performance of the system

- The transmitter and antenna should kept in the relative position of accessibility of the straight line.
- Don't put the receiver close to the metal surface or near any digital device (such as the CD player, computer etc.)
- Try to place the receiver in height of 1.5 meters from the ground and the position of a distance of 1 meter away from the wall.

3. HOW TO MATCH RECEIVER'S FREQUENCY WITH MICROPHONE

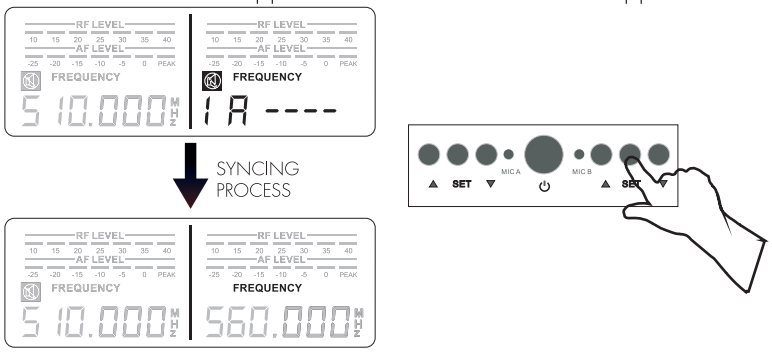
STEP 1: Turn ON the microphone, point the microphone infrared port (IR) directly at the receiver's IR PORT.



NOTE ➤ Please make sure that the other handheld microphone is powered off when adjusting the frequency on one microphone.

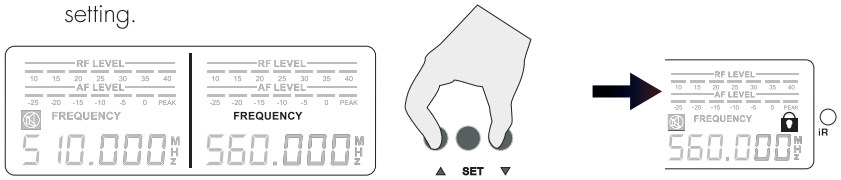
Each unit is fully tested and qualified by the manufacturer. However, due to the nature of wireless connection, interference may occur because of local environments and/or radio signals emitted by other wireless devices within the household.

STEP 2: Press and hold "SET" until "IR----" displays. Once syncing is completed the RF level bar appears and the "MUTE" icon disappears



4. HOW TO LOCK/UNLOCK THE DISPLAY

Press and hold "UP ▲" and "DOWN ▼" at the same time to lock/unlock the setting.



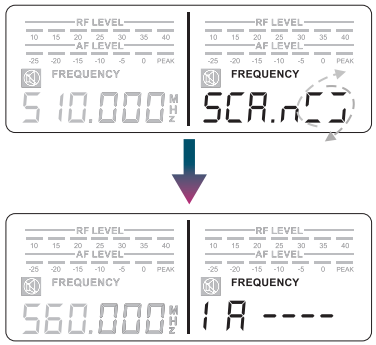
OPERATION

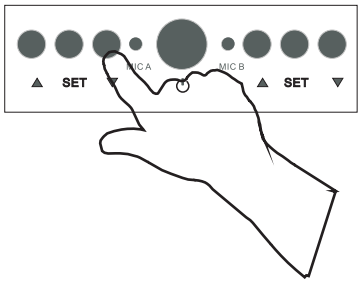
HOW TO SELECT FREQUENCIES/CHANNELS FOR THE RECEIVER

The 2-in-1 Base Module comes with two handheld microphones and each microphone is preset with 50 frequency channels. The frequency can be selected either automatically or manually.

1. AUTOMATIC FREQUENCY/CHANNEL SELECT

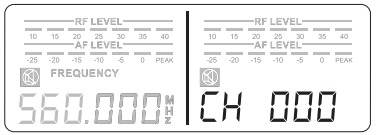
Press and hold "DOWN ▼" until "SCA.nCJ" displays. Then the best frequency will be selected.

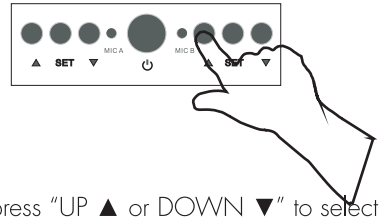




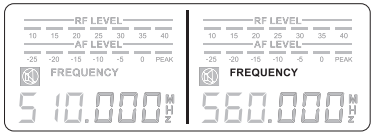
2. MANUAL FREQUENCY/CHANNEL SELECT

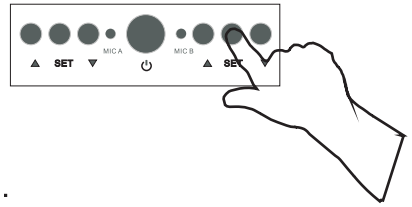
STEP 1: Press and hold "UP ▲" on the receiver untile the channel blinks.





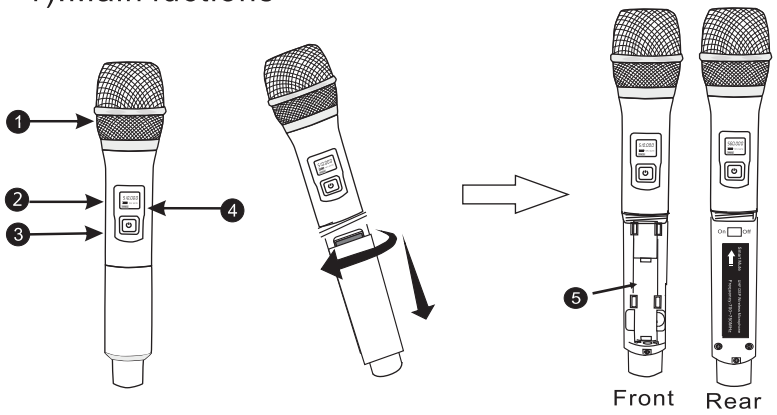
STEP 2: While the channel is blinking, press "UP ▲ or DOWN ▼" to select the desired channel. Then press "SET" to confirm the channel.





1.Hand-held Transmitter

1).Main fuctions

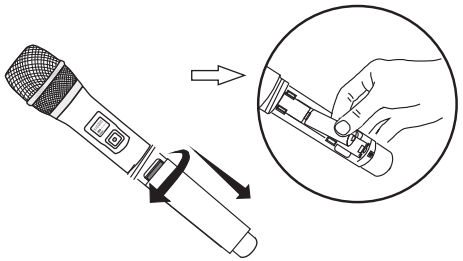


1. Microphone head
2. LCD display window
3. Power Switch
4. Infrared receiving window
5. Battery house

2).Trasmitter display content

1. Handheld microphones transmit frequency/The number of channels
2. Battery indicator

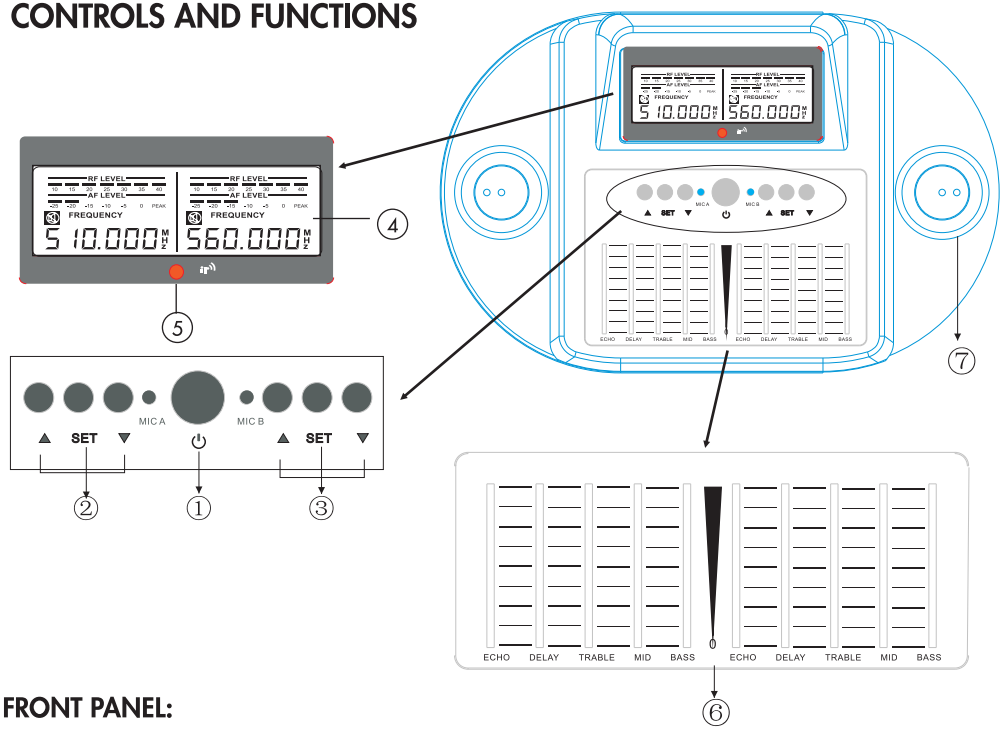
3).Replace the battery



Two polar batteries are expected to use for 8 hours. When the battery power displays  as empty and flashing, you should replace the batteries at once. This replace step is shown in the figures on the left.

2.Receiver Function

CONTROLS AND FUNCTIONS

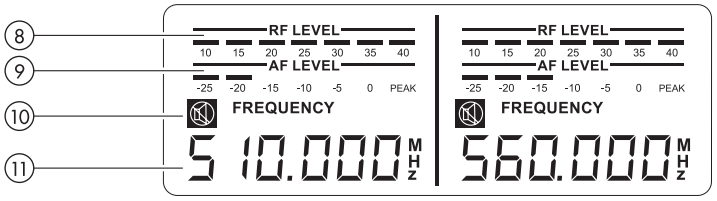


FRONT PANEL:

1. POWER BUTTON: Turns the system on/off.
2. MIC 1 SELECTOR BUTTONS (UP/SET/DOWN): Allows control of LCD screen and functions for Microphone 1.
3. MIC 2 SELECTOR BUTTONS (UP/SET/DOWN): Allows control of LCD screen and functions for Microphone 2
4. LCD SCREEN: Displays system status.
5. IR PORT: Infrared port for the Wireless Infrared Auto Sync System. Pointing the handheld microphone's infrared port at the receiver's infrared port to allow communication.
6. **Sound console**:Adjust the sound tone:echo,delay ,trable,mid,bass.
7. **Recharge port:**Put in the microphone recharge.

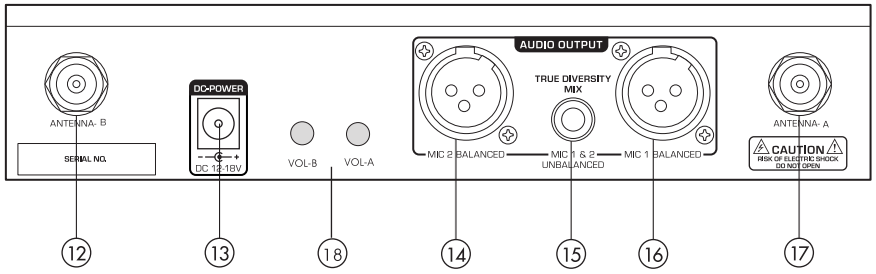
LCD PANEL:

After turning on the "POWER", LCD screen will display the following:



8. RADIO FREQUENCY LEVEL: Strength indicator of radio signal.
9. AUDIO FREQUENCY LEVEL: Strength indicator of incoming audio signal.
10. MUTE: Indicates if microphone is powered off.
11. FREQUENCY & CHANNEL: Displays current frequency and channel.

REAR PANEL:



12. ANTENNA-A: Connect the antenna to the BNC socket.
13. POWER SUPPLY: For power adapter with DC12~18V 500mA.
14. MIC 2 BALANCED OUTPUT: Balanced XLR audio output.
15. MIXED OUTPUT: Unbalanced 1/4" audio output for MIC 1 & MIC 2.
16. MIC 1 BALANCED OUTPUT: Balanced XLR audio output.
17. ANTENNA-A: Connect the antenna to the BNC socket.
18. **VOL -A,VOL-B:**Control the microphone- A or channel -B volume

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

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

The devices has been evaluated to meet general RF exposure requirement， the device can be used in portable exposure condition without restriction

Ant.	Atnenna Brand	Antenna Model Name	Antenna Type	Connector	Gain (dBi)	EIRP(dBm)	NOTE
1	N/A	FTGB	Sring Antenna	N/A	-2.32	≤ 7.0	Antenna