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

NOTE: 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.

FCC Statement: 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.

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If you have any questions, please feel free to contact us.

INSTRUCTION MANUAL



WIRELESS MICROPHONE

1 TECHNICAL PARAMETERS

1.1 Comprehensive characteristics

Carrier frequency:	902.8MHz-926.8MHz
Modulation mode:	FM
Audio response:	50Hz-15KHz
SNR:	>96dB
T.H.D. at 1KHz:	<0.5%
Temperature range:	-10℃-55℃
Working distance:	150ft-260ft (ideal environment)

1.2 Receiver

Oscillation mode:	PLL(Digital frequency synthesizer)
Stray reject:	≥80dB
Image reject:	≥80dB
Sensitivity:	-52dB
Audio output Interface:	1/4" Output Jack XLR Output Jack
Working voltage:	DC 12V
Working current:	≤ 300mA

1.3 Handheld Transmitter

RF Power output:	≤ 10mW
Oscillation mode:	PLL(Digital frequency synthesizer)
Frequency stability:	≤ 30ppm
Dynamic range:	≥100dB
Frequency response:	50Hz-15KHz
Max input pressure:	130dB SPL
Microphone pickup:	Moving coil
Power supply:	2 (1.5V) Battery

2 RECEIVER FRONT PANEL FEATURES AND INSTRUCTIONS



① POWER Button: Press the power switch for 3 seconds, open power supply, LCD is bright; press the power switch for 3 seconds, the receiver power shut down.

② LCD Display: Display system in the current working state.

③ Microphone A VOLUME control: Adjust the output volume. Clockwise rotation, the volume increase, Counterclockwise, the volume decrease.

④ Microphone B VOLUME control: Adjust the output volume. Clockwise rotation, the volume increase, Counterclockwise, the volume decrease.

3 RECEIVER BACK PANEL FEATURES AND INSTRUCTIONS

① Antenna B connector
② Balanced Output B
③ Mixing 6.35mm Output
④ DC Power Input
⑤ Balanced Output A
⑥ Antenna A connector

4 TRANSMITTER FUNCTION AND DESCRIPTION



① **Microphone head Section:**
Including Microphone Cover Net and Microphone Cartridge Module.
② **Display Screen:**
Display working channels, battery power, frequency.
③ **Switch button:**
Press for 3 seconds on/off the microphone.
④ **Frequency adjust button.**

5 SYSTEM SETTINGS

1. Adjust the volume to the smallest before turned on the transmitter, then turn on the receiver, the LCD lights up and alphanumeric displayed, then LCD will display the channel and frequency of the receiver.
2. After the transmitter is installed with the battery, press the switch for 3 seconds, the transmitter enters normal operation.
3. Turn on the transmitter first.The screen of receiver will light on. Then adjust the volume. When speak, the AF on the screen will light. When no sound or AF doesn't light, it means there is something wrong with the system and it needs repair.
4. Press the POWER button for 2 or 3 seconds to turn off the receiver.
5. The transmitter adjustable button (ie, transmitter function and description point 4) directly adjusts different frequencies, press to change the frequency, the receiver can automatically match the corresponding frequency, A microphone and B microphone do not interfere with each other, all can work normally, If use multiple sets of microphones at the same time, it need to set all the microphone (press the adjustable buttons) to different frequencies.

6 RECEIVER SETTINGS

▼**The display shows under normal working conditions. As shown below:**

Receiver LCD display:
① RF signal strength display(RF)
② AF signal strength display(AF)
③ CHANNEL: display the current working channel
④ FREQUENCY: display the current working frequency

7 TRANSMITTER SETTINGS



Handheld transmitter display:
① BATTERY: Display the Remaining Electricity of Transmitter Battery. When the battery power is low, the sign flashes. The battery should be replaced immediately to ensure the normal operation of the transmitter.
② FREQUENCY: Display current working frequency
③ CHANNEL: Display current working channel

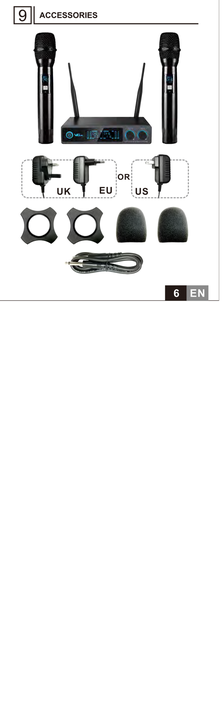
8 CONNECTION DIAGRAM

▼**Choose one of the following four connection methods:**



Note: The item doesn't work with TV directly, therefore we suggest not to connect it with TV.

9 ACCESSORIES



10 TROUBLE SHOOTING

Problem	Indicator status	Solution
No sound or faint sound	Receiver LCD monitor is off	Make sure that one end of the AC adapter is plugged into a power outlet and the other end is plugged into the DC input jack on the rear panel of the receiver. Confirm that the AC power outlet is normal, and confirm that the power supply voltage is normal.
	Transmitter power indicator is off	Turn on the transmitter power. Verify that the +/- mark on the battery matches the polarity configuration. Insert a new battery.
	Receiver display RF level show	Increase the receiver volume control. Check the cable connection between the receiver and the amplifier or mixer.
	Receiver display RF level no display, transmitter power light is on	Vertically elongating the receiver antenna; Remove the receiver from the side of the metal object. Look for obstacles between the transmitter and receiver; Moving the transmitter closer to the receiver; Check that the receiver and transmitter are using the same frequency.
	Transmitter power indicator flashes	Replace the transmitter battery
Distortion or unwanted burst noise	Receiver display RF level show	Remove nearby sources of RF interference (such as CD players, computers, digital devices, earphone monitoring systems, etc.); Reset the receiver and transmitter to different frequencies; Replace the transmitter battery; Increase the frequency separation between systems if multiple systems are used.
The distortion level is gradually increasing	Transmitter power indicator flashes	Replace the transmitter battery