

让世界听到我们的声音
THE WORLD LISTENS



USER'S MUNUAL



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RUIFENG CORPORATION

CERTIFICATION

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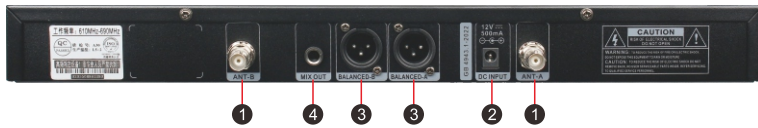
V.1.0 2024/07/15

Two-channel receiver panel function introduction



- ① Power switch button/adjustment knob
- ② Menu entry button
- ③ Channel display window
- ④ A frequency multiplier indicator
- ⑤ Independent frequency binding button
- ⑥ System lock button
- ⑦ RF indicator
- ⑧ Infrared frequency binding window

Note: The function areas of each channel panel are the same and are not listed one by one



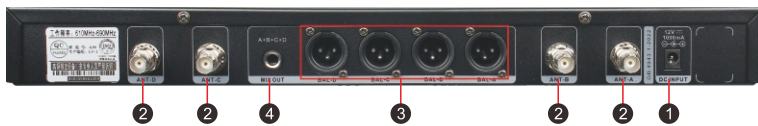
- ① Antenna interface
- ② DC power input interface
- ③ Balanced output interface
- ④ 6.3 mixed output interface

Four channel receiver panel function introduction



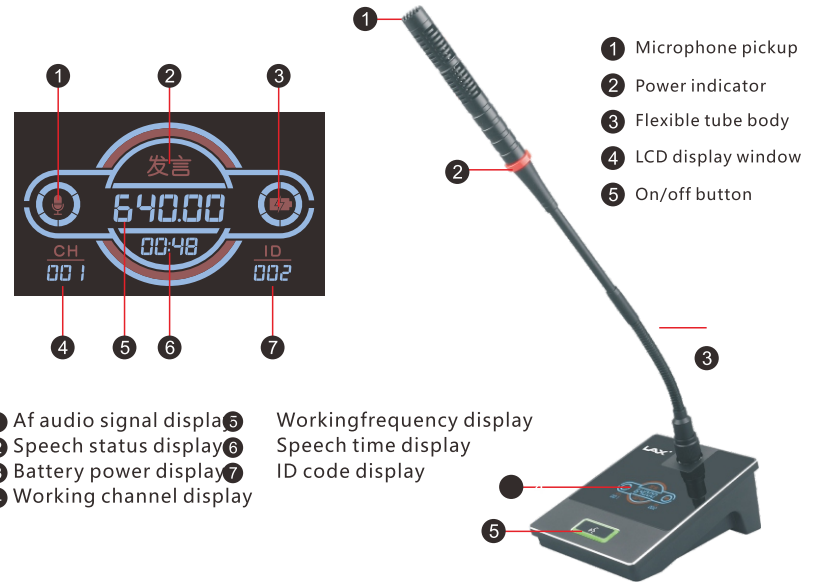
- ① Channel display window
- ② Infrared frequency binding window
- ③ Group button
- ④ Lock/unlock button
- ⑤ Power switch/adjustment knob
- ⑥ SET menu button 34 0
- ⑦ Independent frequency binding button

Note: The function areas of the four-channel panels A/B/O/D are the same and are not listed one by one



- ① DC power input interface
- ② Antenna interface
- ③ Balanced output interface
- ④ 6.3 mixed output interface

Eight-channel receiver panel function introduction



- ① Microphone pickup
- ② Power indicator
- ③ Flexible tube body
- ④ LCD display window
- ⑤ On/off button
- ① Af audio signal display
- ② Speech status display
- ③ Battery power display
- ④ Working channel display
- ⑤ Working frequency display
- ⑥ Speech time display
- ⑦ ID code display

System technical indicators

System technical indicators:

- Frequency range: 610~670 MHz
- Modulation mode: FM
- Adjustable range: 60MHz
- Number of channels: 200
- Channel spacing: 300KHz
- Frequency stability: +0.005%
- Dynamic range: 100dB
- Audio response: 80Hz-18KHz(±3dB)
- Comprehensive signal-to-noise ratio: >105 dB
- Comprehensive distortion: ≤0.5%
- Working temperature: -10°C-+40°C

Receiver technical indicators:

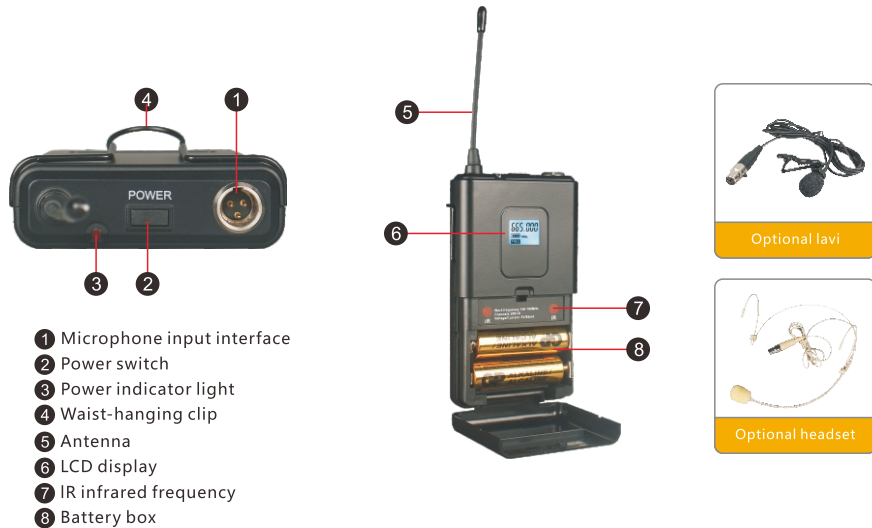
- Receiver mode: DPLL
- Wireless interface: BNC/50Q
- Sensitivity: 12dBμV(80dB S/N)
- Sensitivity adjustment range: 12-32 dB μ V
- Spurious suppression: >75dB
- Maximum output level: +10dBV
- Working voltage and current: 12V1000mA

Handheld transmitter introduction



- ① Protective mesh head
- ② LCD display
- ③ On/off button
- ④ Lower tube
- ⑤ Infrared frequency window
- ⑥ Transmitting power high and low adjustment
- ⑦ Dynamic microphone core
- ⑧ Upper tube
- ⑨ Battery compartment

Bodypack Transmitter Introduction



- ① Microphone input interface
- ② Power switch
- ③ Power indicator light
- ④ Waist-hanging clip
- ⑤ Antenna
- ⑥ LCD display
- ⑦ IR infrared frequency
- ⑧ Battery box

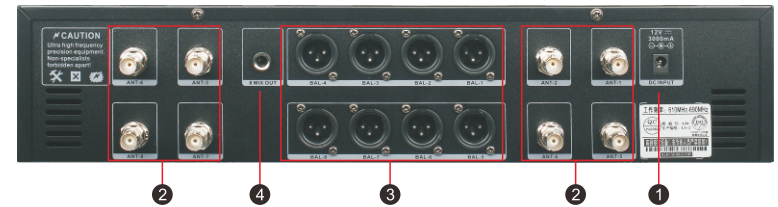


Eight-channel receiver panel function introduction



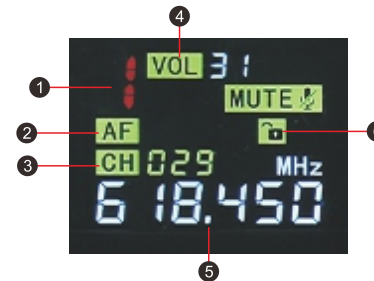
- ① Power switch
- ② Channel display window
- ③ Infrared frequency matching window
- ④ Group button
- ⑤ Lock/unlock button
- ⑥ Independent frequency link button
- ⑦ SET button to enter the menu
- ⑧ Adjustment knob

Note: The function areas of the 1 8 channel panels are the same and are not listed one by one.



- ① DC power input interface
- ② Antenna interface
- ③ Balanced output interface
- ④ 6.3 mixed output interface

Receiver Display Introduction



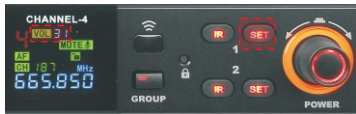
- ① Microphone number
- ② AF audio output status display
- ③ Working channel display
- ④ Microphone volume display
- ⑤ Working frequency display
- ⑥ System lock/unlock icon

Receiver System Menu Description



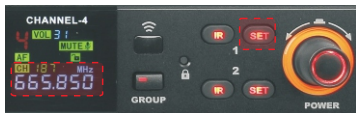
System Menu 1: Infrared IR Binding

Press the IR key, the status is displayed, the host transmits the infrared binding data of the channel, the receiver IR binding window and the transmitter IR binding window are kept in the same straight line, and the distance should not exceed 30CM. After the binding operation is successful, the transmitter's operating frequency will automatically change to be consistent with the receiver, and the system can work normally.



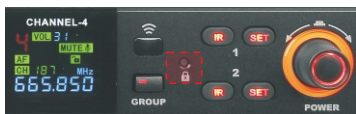
System Menu 2: Volume Adjustment

Press the SET key once, VOL is in a flashing state. rotate the knob to adjust the volume, rotate to the left to reduce the volume, rotate to the right to increase the volume, and press the knob to confirm the current setting.



System Menu 3: Manual Frequency Adjustment

Press the SET key twice, and rotate the knob left and right to adjust the working frequency of the corresponding channel. Each microphone has 50 channels that can be adjusted. Each channel steps 300KHz. After the frequency adjustment is completed, press the knob key to confirm the current setting, and then perform the infrared frequency binding work. The frequency binding operation refers to the corresponding transmitter frequency binding operation.



System menu 4: System lock key

Anti-accidental-touch hidden one-touch lock key. Short press once. All channel settings of the system are locked. Only the frequency binding function is available to prevent system settings from being modified. Short press again to unlock. The system restores all functions.



System menu 5: Grouping key

This grouping key is only used when more than two sets of stacked machines are used in the same place. Built-in grouping frequency to avoid mutual interference. This key is not needed when using a single set. Built-in 4 grouping-frequencies, one-touch call and then infrared frequency binding operation.

Handheld transmitter frequency description



Within 30 meters



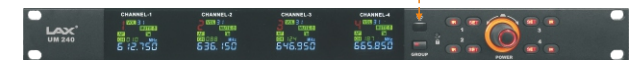
- Step 1: Turn on the receiver and transmitter, press the "IR" binding button on the receiver, and the IR binding window indicator will flash.
- Step 2: Keep the transmitter binding window and the receiver IR binding window in the same straight line, and keep the distance within 30cm for the best.
- Step 3: After the binding operation is successful, the transmitter frequency will be changed to the same frequency as the receiver, and the binding operation is completed.

Note: If the binding fails, repeat the above steps.

Bodypack Transmitter Binding Instructions



Within 30 meters



- Step 1: Turn on the receiver and the bodypack transmitter, press the "IR" binding button on the receiver, and the IR binding window indicator will flash.
- Step 2: Keep the bodypack transmitter IR binding window and the receiver IR binding window in the same straight line, and keep the distance within 30cm for the best.
- Step 3: After the binding operation is successful, the transmitter frequency will be changed to the same frequency as the receiver, and the binding operation is completed.

Note: If the binding fails, repeat the above steps.

Conference transmitter frequency description



Within 30 meters



- Step 1: Turn on the receiver and conference transmitter, press the "IR" binding button on the receiver, and the IR binding window indicator will flash.
- Step 2: Keep the conference transmitter IR binding window and the receiver IR binding window in the same straight line, and keep the distance within 30cm for the best.
- Step 3: After the binding operation is successful, the transmitter frequency will be changed to the same frequency as the receiver, and the binding operation is completed.

Note: If the binding fails, repeat the above steps.