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Product Function Description

- Uses a high-definition, high-contrast TFT display screen, supporting both Chinese and English menus for clearer and more intuitive operation.
- Provides real-time spectrum monitoring, allowing direct access to the spectrum and a clear view of the on-site wireless signal situation, ensuring the selection of interference-free frequencies.
- Supports charging function with a TYPE-C charging port.
- Provides XLR balanced output; for compatibility with more devices, an XLR to 6.35 adapter is included.
- Uses ID numbering for quick identification and differentiation of corresponding receivers and transmitters.
- System output gain is adjustable from -18dB to +15dB.
- Simultaneously supports 14500 lithium batteries and standard 1.5V AA batteries.

Product accessories and components



1. Storage bag
2. Warranty card
3. 1-to-2 charging cable
4. Antenna
5. XLR female to 6.35mm adapter
6. RX-1 receiver
7. TR-1 transmitter
8. 14500mAh rechargeable batteries * 2

RX-1 Receiver Function Description



1. XLR male connector

2. Pairing indicator light

A constantly lit indicator light indicates successful pairing with the transmitter.

3. Power indicator light

4. Down button

5. Menu function key

6. Up button/Main interface pairing button

7. Infrared pairing window

8. Receiver power switch/exit menu button

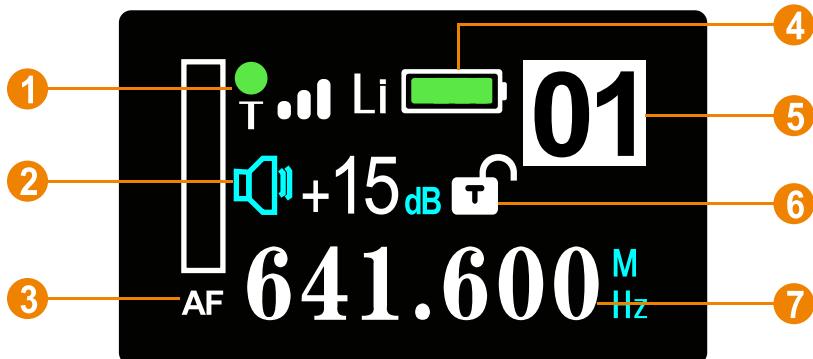
9. Receiving antenna

10. Mute button

11. Type-C charging port

12. Battery compartment (1 14500 lithium battery or 1 AA alkaline battery)

RX-1 Receiver Display Interface Description



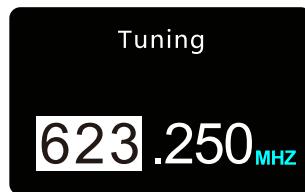
1. Signal strength indicator
2. Receiver output volume -18 to +15
3. Audio signal strength indicator
4. Battery level display
5. Transmitter ID
6. Lock or unlock screen icon
7. Currently used frequency band



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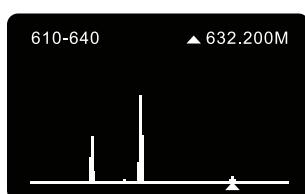
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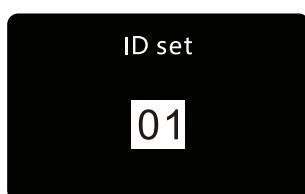
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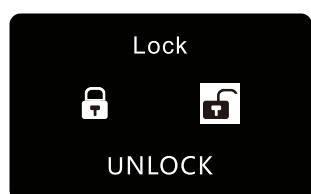
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1. Audio Output: Adjusts the receiver output volume from -30 to +15 dB, in 3 dB increments.
2. Presets and recalls frequencies for each power-on based on the actual usage environment.
3. Manually Frequency Tuning: Allows manual adjustment and use of different frequencies.
4. Automatic Scan: Automatically scans and sets the optimal frequency for the current usage environment.
5. Spectrum Analyzer: Scans for interference frequencies in the current usage environment; allows manual adjustment and use of interference-free frequencies to avoid interference.
6. ID Setting: 01~99; when multiple RT-1 receivers are used simultaneously, an ID number corresponding to the transmitter can be set.
7. Language Selection: Menu language can be switched between Chinese and English.
8. Lock Key: When the lock key function is enabled, it must be unlocked before entering the menu to access its functions.

TR-1 Transmitter Function Description

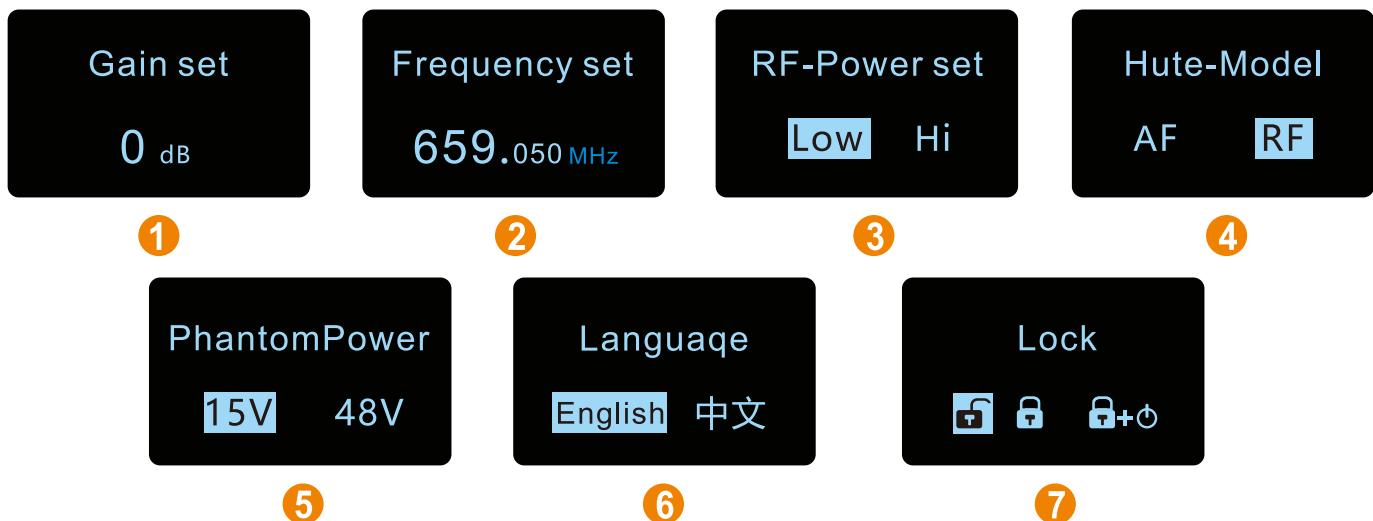


1. Gold-plated XLR female jack
2. Lock or unlock the wired microphone by rotating the icon
3. Red light indicates microphone volume overload
4. Power indicator
5. Down button
6. Menu function key
7. Up button
8. Pairing window
9. Power button (double-click to turn mute mode on or off)
10. Phantom power switch
 - (1) No need to turn on when connecting a dynamic wired microphone.
 - (2) Requires to turn on when connecting a condenser wired microphone
(indicator light will illuminate red when the switch is on)
11. TYPE-C charging port
12. Battery compartment lock button
(for one 14500 lithium battery or one AA alkaline battery)

TR-1 Transmitter Display Interface Description



1. The corresponding numbers of the transmitter and receiver
2. Volume gain setting
3. Operating frequency of the bodypack transmitter
4. Battery life display
(Lithium battery is displayed as Li, dry battery is displayed as AA)
5. Phantom power
6. Lock screen or unlock screen icon



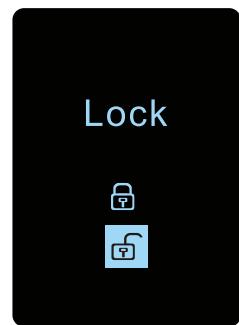
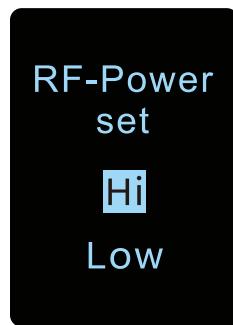
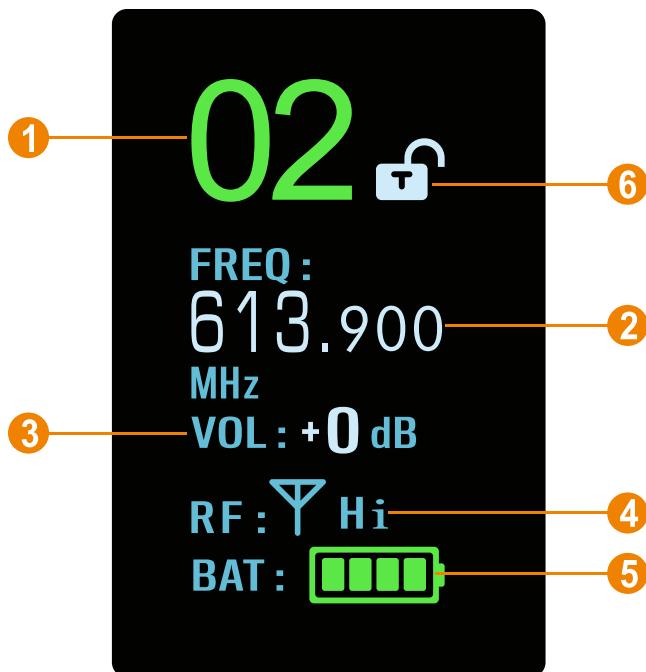
1. Volume setting: Gain has three modes to choose from: -10dB 0dB +10dB
2. Frequency setting: Press the up and down to set
3. Transmitting power: Low: 10mW, High: 20mW
4. Mute mode: Quickly double-click the power button to turn on or off the mute mode
Audio off: Transmitter signal is normal, microphone is muted
RF off: Transmitter signal is turned off, and microphone is muted at the same time (this mode will save more power)
5. Phantom power: 15V/48V phantom power can be manually selected
6. Language: Chinese and English
7. Lock button: The first one: unlock mode; The second one: turn on the lock screen mode, the transmitter can be shut down normally
The third one: turn on the lock screen mode, the transmitter cannot be shut down (need to be unlocked before shutting down)

Handheld Transmitter Function Description(MIC B)



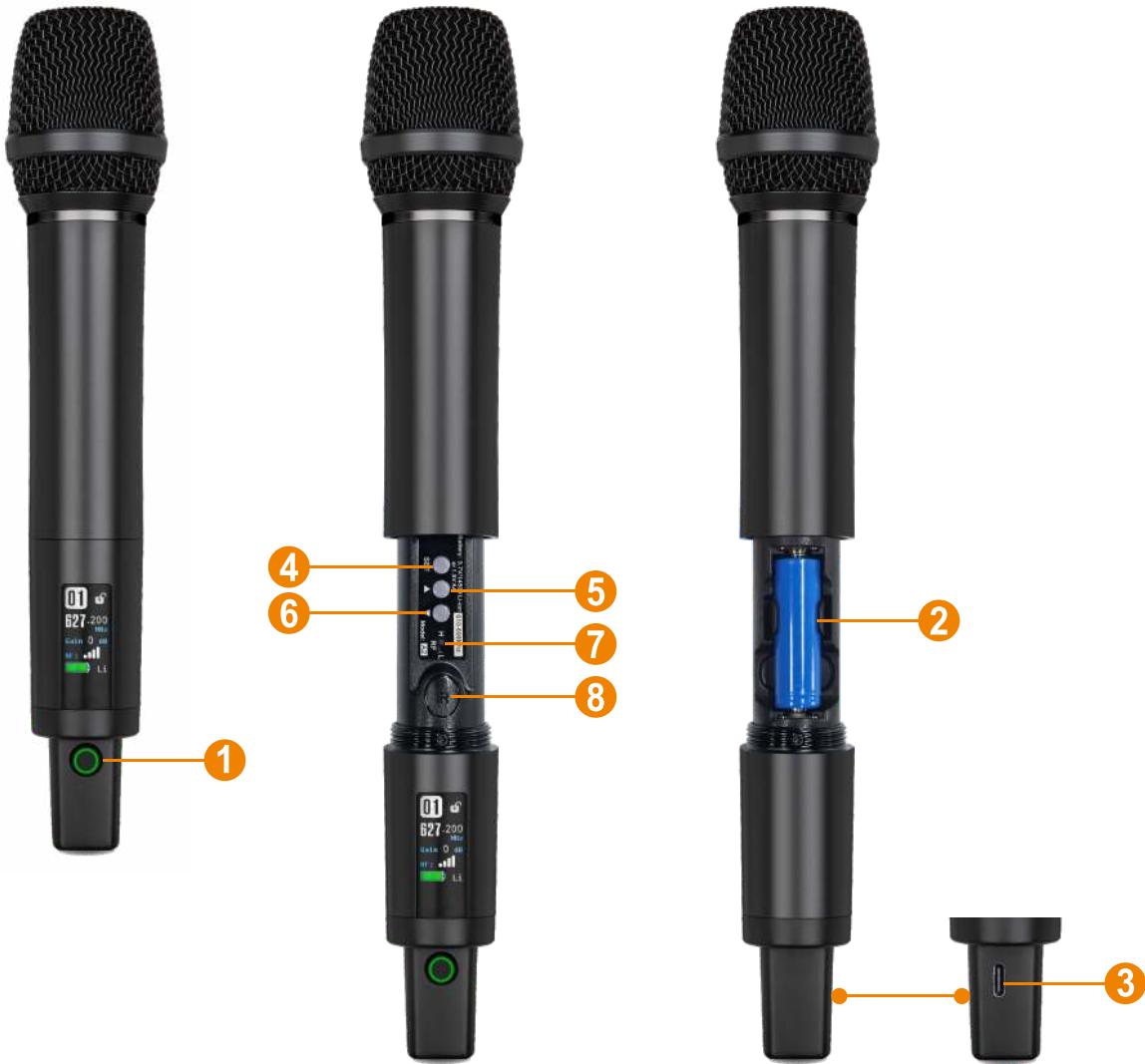
1. 4-pin XLR jack
2. Power (double-click quickly to turn on or off silent mode)
3. Antenna
4. Up
5. Set
6. Battery compartment

Handheld Transmitter Interface Description(MIC B)



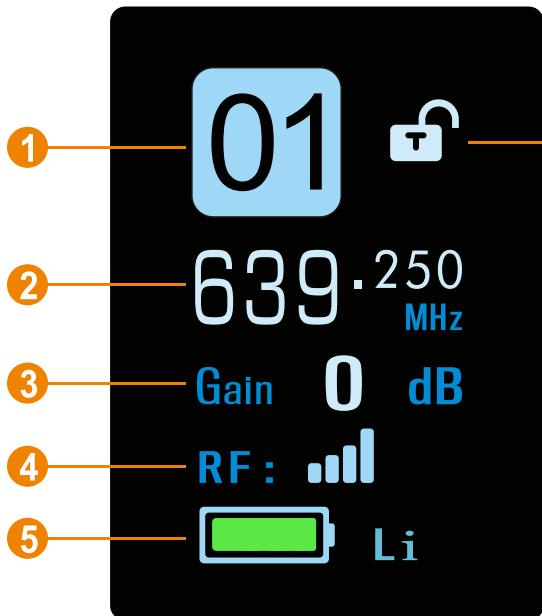
1. Gain setting: -10dB 0dB +10dB three options
2. Press the up and down to manually set the frequency
3. High: 30mW Low: 10mw
4. Chinese and English switching
5. Turn on the lock screen to avoid misoperation

Handheld Transmitter Function Description(MIC F)

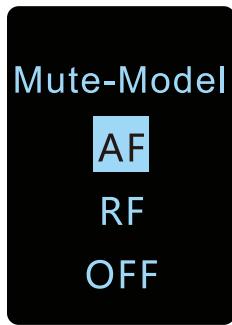


1. Power(double-click quickly to turn on or off silent mode)
2. Battery compartment
3. TYPE-C charging jack
4. Set
5. Up
6. Down
7. Transmit power: H (high, 30mW), L (low, 10mW)
8. Sync window

Handheld Transmitter Interface Description(MIC F)



1. The corresponding numbers of the transmitter and receiver
2. Operating frequency of the handheld transmitter
3. Gain (three modes of +10dB +0dB -10dB)
4. Handheld transmission signal
5. Battery life display
(Li for standard lithium battery and AA for ordinary dry battery)
6. Lock screen mode
(need to enter the menu to turn on or unlock)



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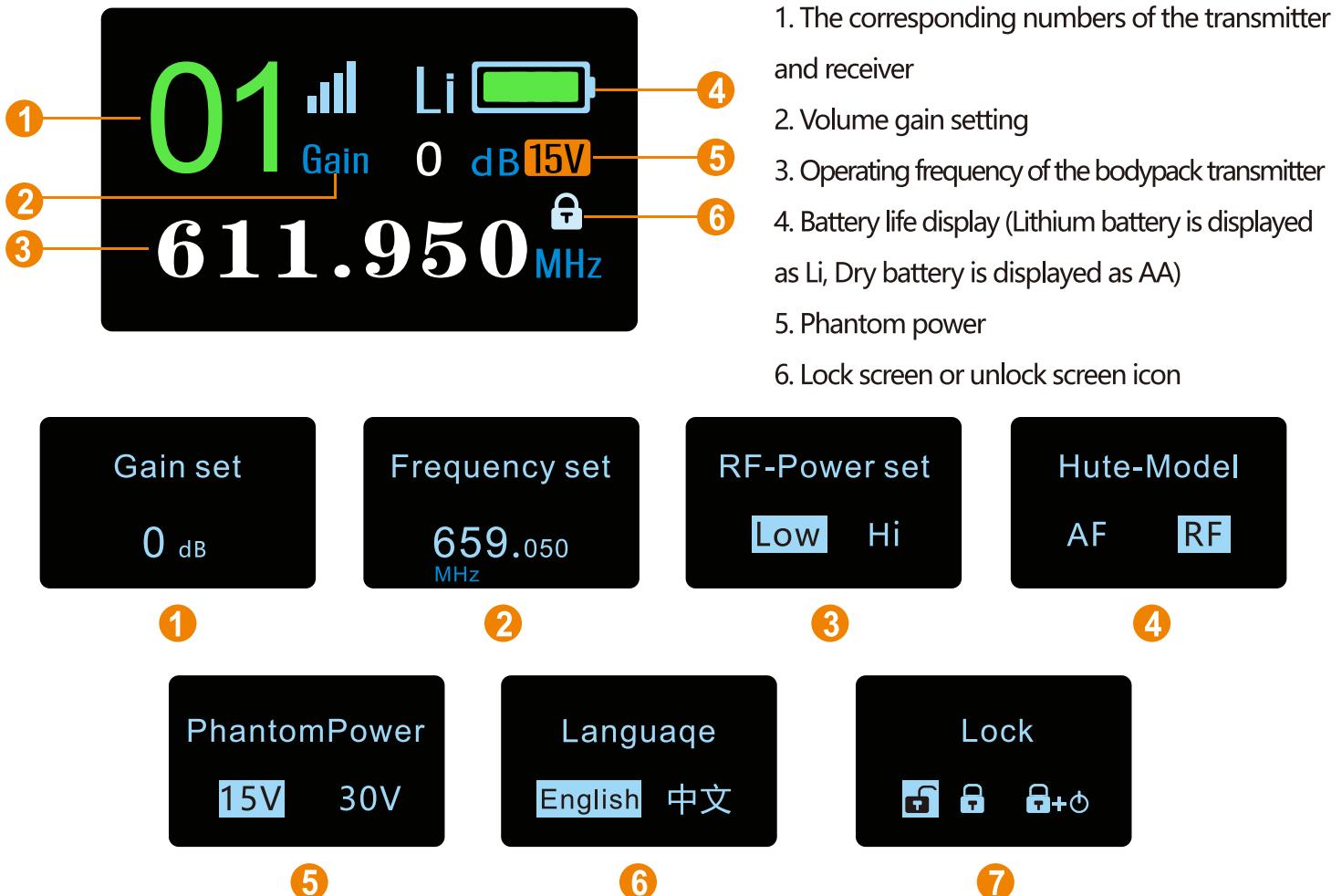
1. Volume setting: Gain has three modes to choose from: -10dB 0dB +10dB
2. Frequency setting: Press the up and down to set
3. Mute mode: Quickly double-click the power button to turn on or off the mute mode
Audio off: Transmitter signal is normal, microphone is muted
RF off: Transmitter signal is turned off, microphone is muted at the same time (this mode will save more power)
Cancel: Cancel the mute function
4. Language: Chinese and English switching
5. Lock key The first one: Unlock mode The second one: Turn on the lock screen mode, the transmitter can be shut down normally
The third one: Turn on the lock screen mode, the transmitter cannot be shut down
(it needs to be unlocked before it can be shut down)

Body-pack Transmitter Function Description(BP-B)



1. Antenna
2. Power (double-click quickly to turn on or off the mute function)
3. 4-pin XLR jack
4. Up
5. Set (short press)
6. Down
7. Battery compartment
8. TYPE-C charging port

Body-pack Transmitter Interface Description(BP-B)



1. Volume setting: Gain has three modes to choose from: -10dB 0dB +10dB
2. Frequency setting: Press the up and down to set
3. Transmitting power: Low: 10mW, High: 30mW
4. Mute mode: Quickly double-click the power button to turn on or off the mute mode
Audio off: Transmitter signal is normal, microphone is muted
RF off: Transmitter signal is turned off, and microphone is muted at the same time
(this mode will save more power)
5. Phantom power: 15V/30V phantom power can be manually selected
6. Language: Chinese and English
7. Lock button: The first one: unlock mode;
The second one: turn on the lock screen mode, the transmitter can be shut down normally
The third one: turn on the lock screen mode, the transmitter cannot be shut down (need to be unlocked before shutting down)

Body-pack Transmitter Function Description(BP-C)

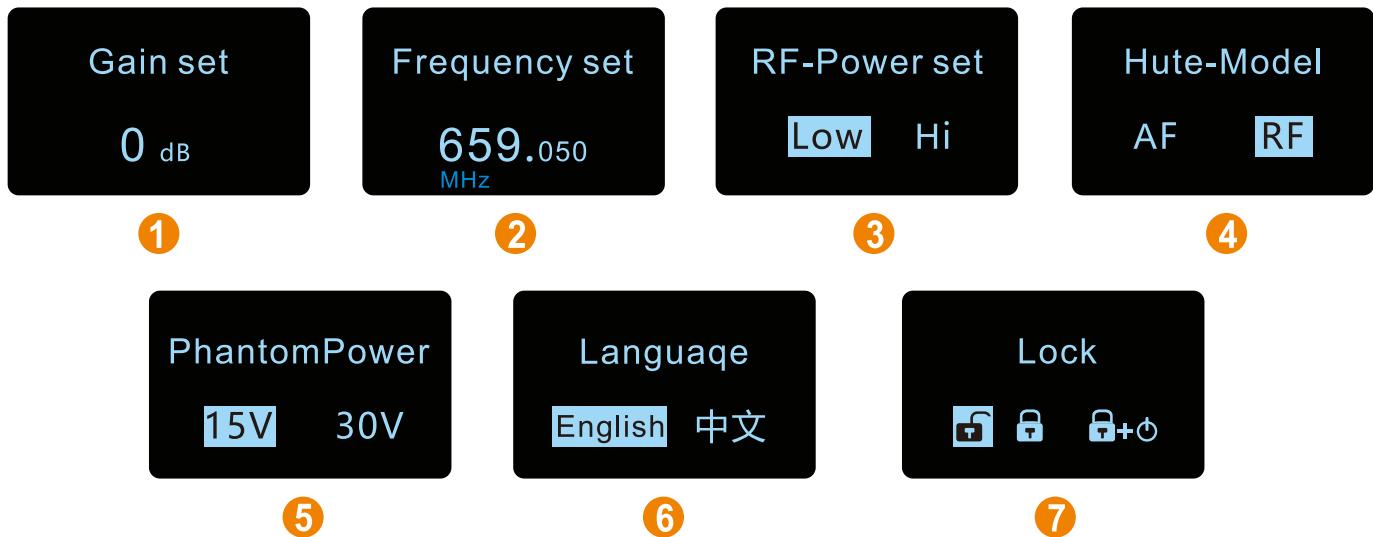


1. 4-pin XLR jack
2. Power (double-click quickly to turn on or off mute mode)
3. Antenna
4. Up
5. Set
6. Down
7. Battery compartment lock button
8. TYPE-C charging port
9. Battery compartment

Body-pack Transmitter Interface Description(BP-C)



1. The corresponding numbers of the transmitter and receiver
2. Volume gain setting
3. Operating frequency of the bodypack transmitter
4. Battery life display (Lithium battery is displayed as Li, Dry battery is displayed as AA)
5. Phantom power
6. Lock screen or unlock screen icon



1. Volume setting: Gain has three modes to choose from: -10dB 0dB +10dB
2. Frequency setting: Press the up and down to set
3. Transmitting power: Low: 10mW, High: 30mW
4. Mute mode: Quickly double-click the power button to turn on or off the mute mode
Audio off: Transmitter signal is normal, microphone is muted
RF off: Transmitter signal is turned off, and microphone is muted at the same time
(this mode will save more power)
5. Phantom power: 15V/30V phantom power can be manually selected
6. Language: Chinese and English
7. Lock button: The first one: unlock mode;
The second one: turn on the lock screen mode, the transmitter can be shut down normally
The third one: turn on the lock screen mode, the transmitter cannot be shut down (need to be unlocked before shutting down)

Receiver and transmitter frequency pairing operation instructions



1. Press the up button on the receiver on the main interface. The receiver display will show the IR interface.
2. Align the transmitter's infrared IR window with the receiver's infrared IR window.
3. When the transmitter and receiver are paired, the receiver's signal will be displayed in green with varying strength, indicating successful pairing.

Troubleshooting

Problems	See solutions
No sound	Power, cable, or RF issues
Weak or distorted sound	Gain
Insufficient operating distance, sudden noise, or signal drop	Radio frequency
Unable to change frequency settings or program the receiver	Interface Lock

Power Supply

Ensure both the transmitter and receiver are using sufficient voltage. The receiver must be powered by its original power adapter. Check the transmitter's battery indicator light; replace or recharge the battery if necessary.

Gain

Adjust the transmitter gain.

Cables

Check all cables and connectors for proper function.

Functions

- Perform transmitter synchronization, or ensure the transmitter or receiver is set to the same group/channel and ID number.
- Check the labels on the transmitter and receiver to ensure they are using the same band.

Reduce Interference

- Use different channels or perform automatic group or channel scanning
- For multiple systems, check that all systems are set to the same channel group (systems in different bands need to be set to the same group).
- The transmitter and receiver antennas should be kept in a straight line relative to each other without obstructions.
- Keep the receiver antenna away from metal objects or other sources of radio frequency interference (such as CD players, computers, digital effects processors, network switches, network cables, and personal stereo monitors (PSMs) and other wireless system equipment).

System Technical Parameters

RX-1 Receiver

Frequency range	610-640MHz/640-670MHz
Bandwidth	30M
Maximum number of channels	1200
Receiver sensitivity	-95dBm/S/N=12dB
Frequency stability	+/-10PPM
Antenna input	1*SMA/50Ω
Image rejection	>100dB
Third-order intermodulation rejection	>75dB
Blocking rejection	>75dB
Adjacent channel rejection	>100dB (+-200KHz)
Power requirements	One 14500 lithium battery or one AA alkaline battery
Battery life	Standard configuration with 14500 lithium battery: approximately 8 hours

TR-1 transmitter

Frequency range	610-698MHz
Bandwidth	88M
Maximum number of channels	8800
Transmit power	10/20mW
Maximum frequency deviation	65KHz
Phantom power (pins 2 & 3)	15V/48V
Power requirements	One 14500 lithium battery or one AA alkaline battery
Battery life	Standard lithium battery: 8-9 hours (high power), 10-11 hours (low power)

System Technical Parameters

Handheld Transmitter

Frequency Range	610-698MHz
Bandwidth	88M
Transmit Power	10/30mW
Maximum Frequency Deviation	65KHz
Power Requirements	MIC B: 2 AA alkaline batteries; MIC F: 1 14500 lithium battery or 1 AA alkaline battery
Battery Life	MIC B: 8-10 hours MIC F: Standard lithium battery: 9-10 hours (high power), 13-14 hours (low power)

Bodypack Transmitter

Frequency Range	610-698MHz
Bandwidth	88M
Transmit Power	10/30mW
Maximum Frequency Deviation	65KHz
Power Requirements	BP-B/BP-C: 1 x 14500 lithium battery or 1 x AA alkaline battery
Battery Life	9-10 hours (high power), 13-14 hours (low power)