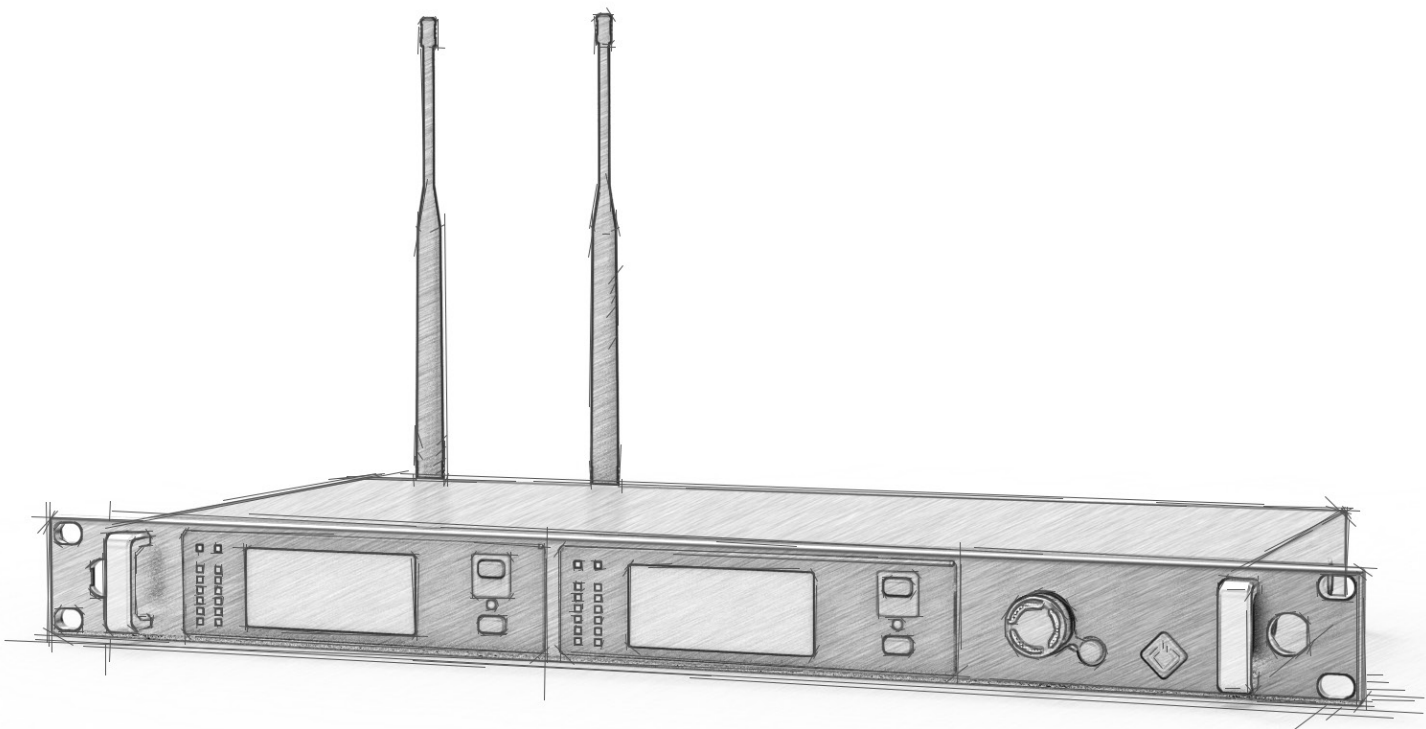


R7000

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WIRELESS SYSTEM



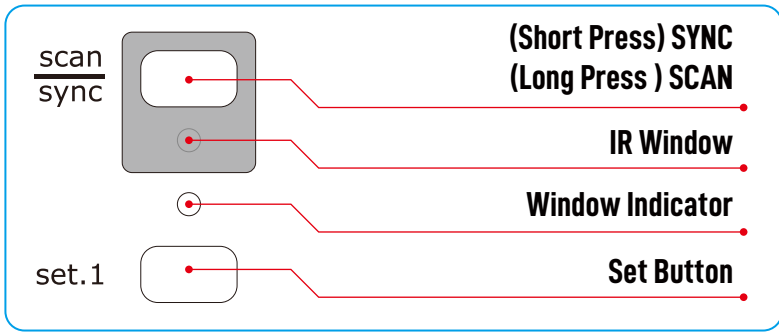
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Operation Manual

—Raxikol—

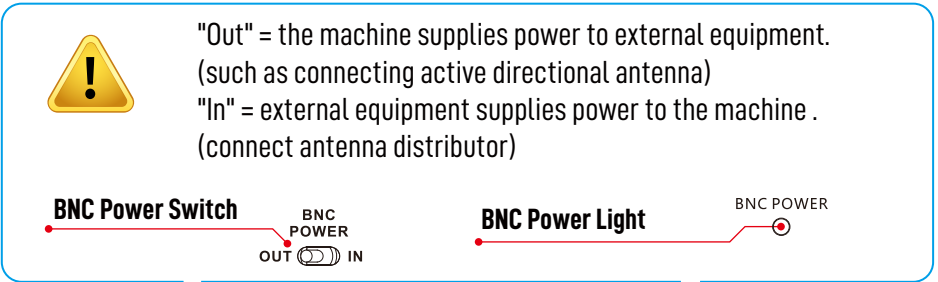
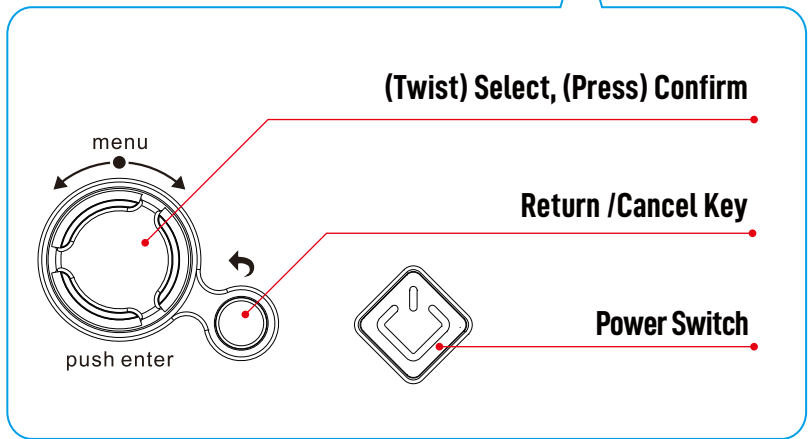
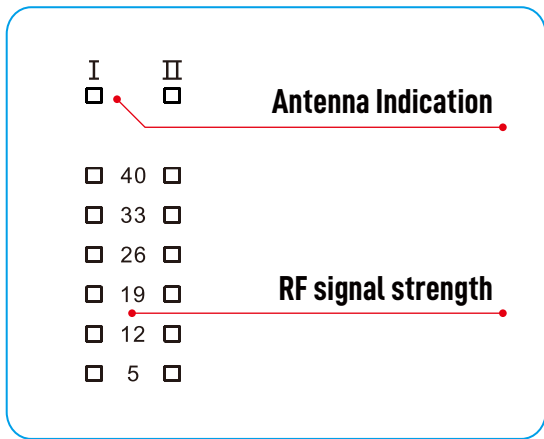
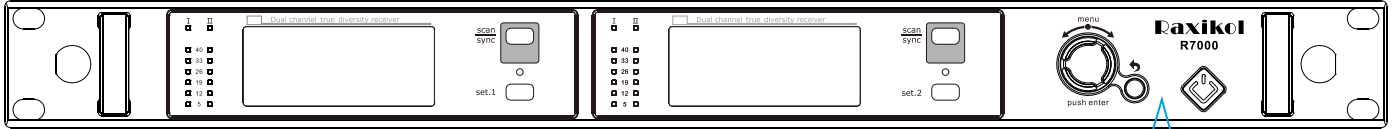


Receiver-Front Panel,Rear Panel

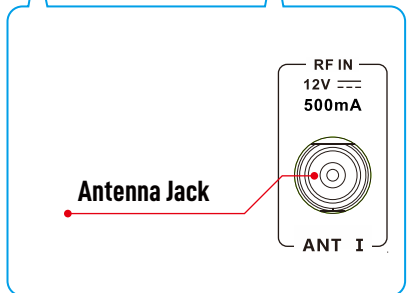
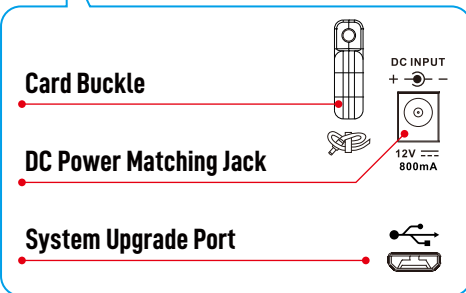
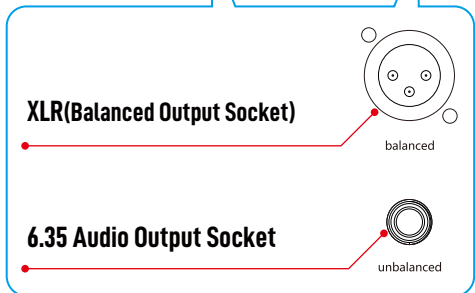
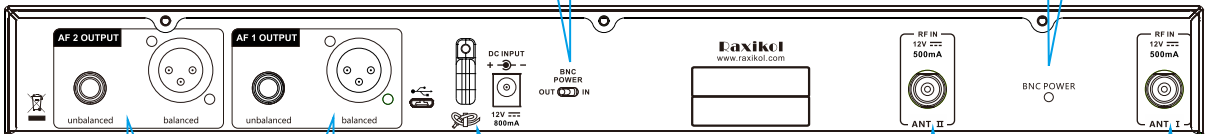


Scan/IR synchronization

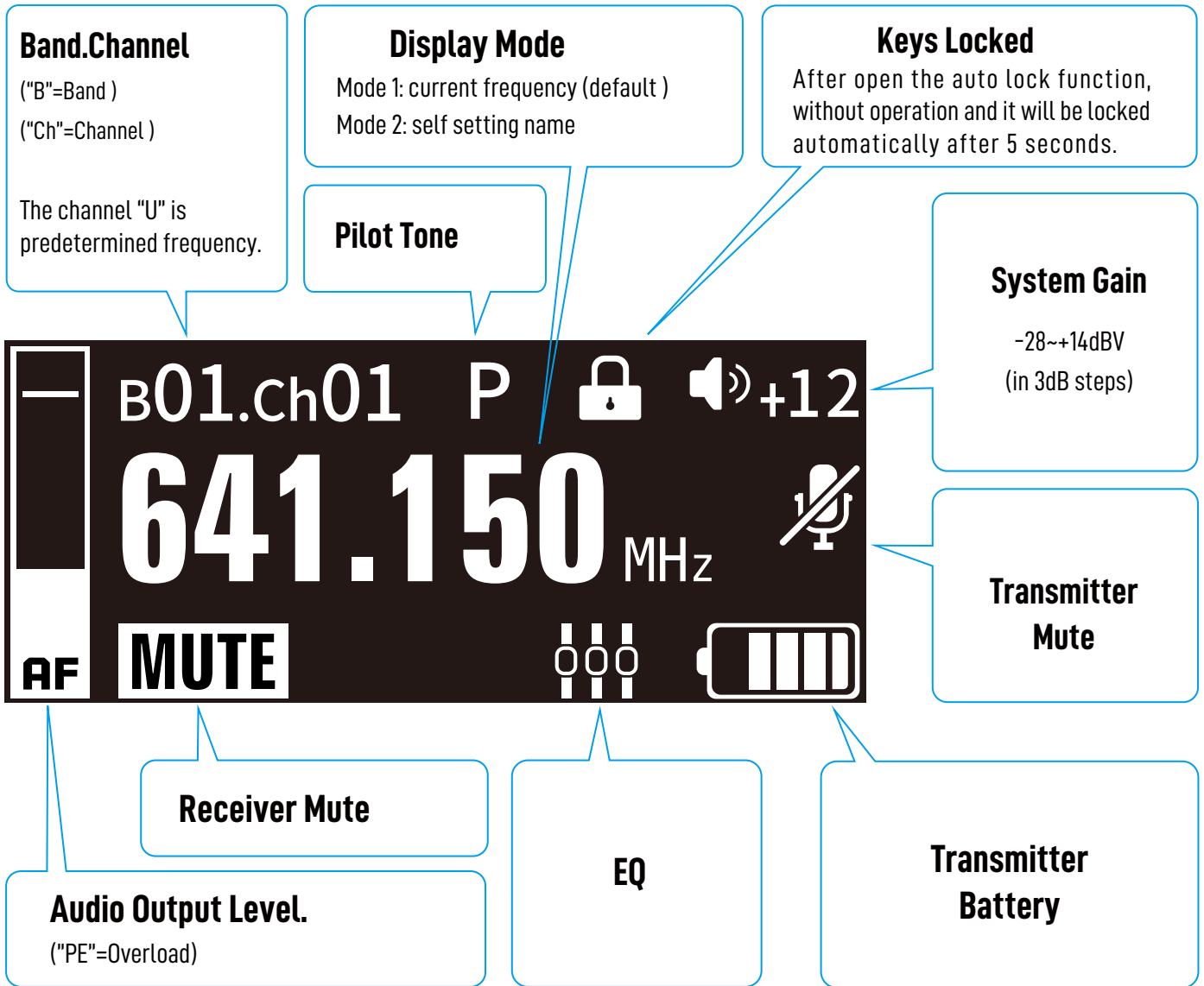
Press and hold the key "SYNC/SCAN" to scan the optimum frequency. After scanning, then press short on the key "SYNC/SCAN" to finish the infrared synchronous operation.



! "Out" = the machine supplies power to external equipment. (such as connecting active directional antenna)
"In" = external equipment supplies power to the machine. (connect antenna distributor)

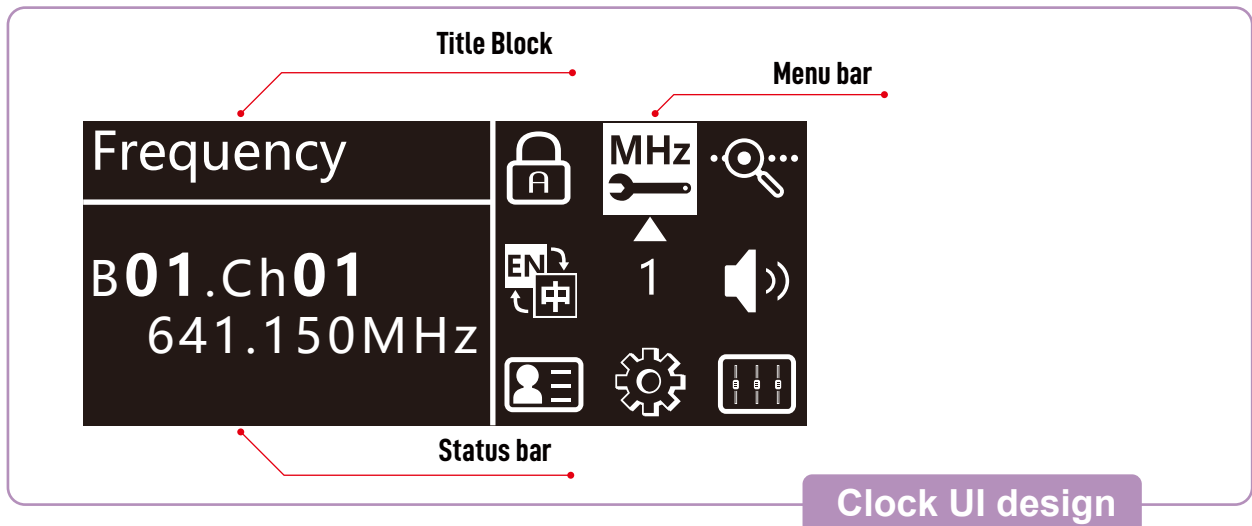


Main interface system



Receiver Menu Interface

Press the "menu" key to down, it directly enter the menu operation mode.



Receiver menu



1.Frequency

Channel Adjustment.
The channel "U" is predetermined frequency.



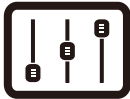
2.Scan

Scan Optimum Channel.



3.AF Out

Adjust system gain, -28~+14dBV, in 3dB steps.



4.EQ

Equalizer



5.Advanced

Advanced setting.

5.1 Lcd Contrast

5.2 Spectrum

5.3 Reset

5.4 Software Revision



6.Name

Custom name.



7.Languaeg

System language selection.



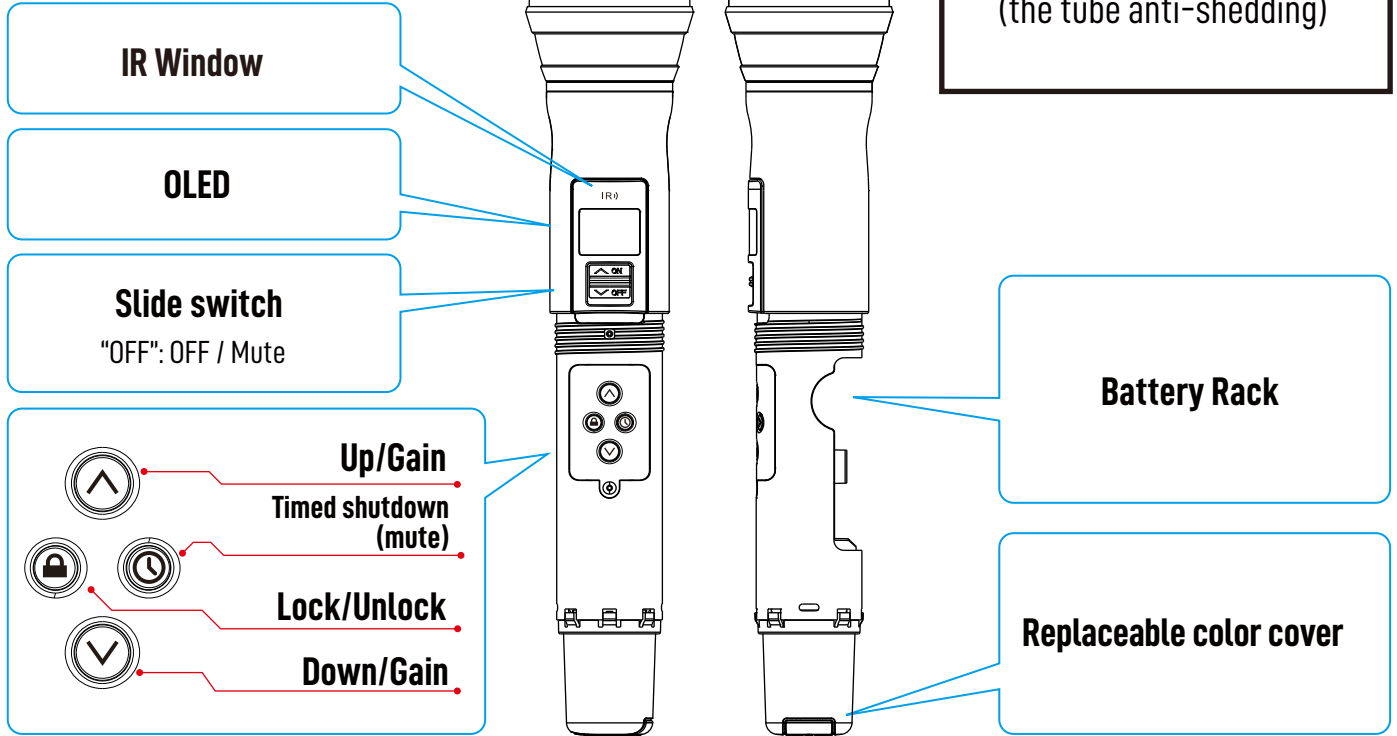
8.Auto Lock

Turn on the function, witont operate and it will be locked automatically after 5 seconds.

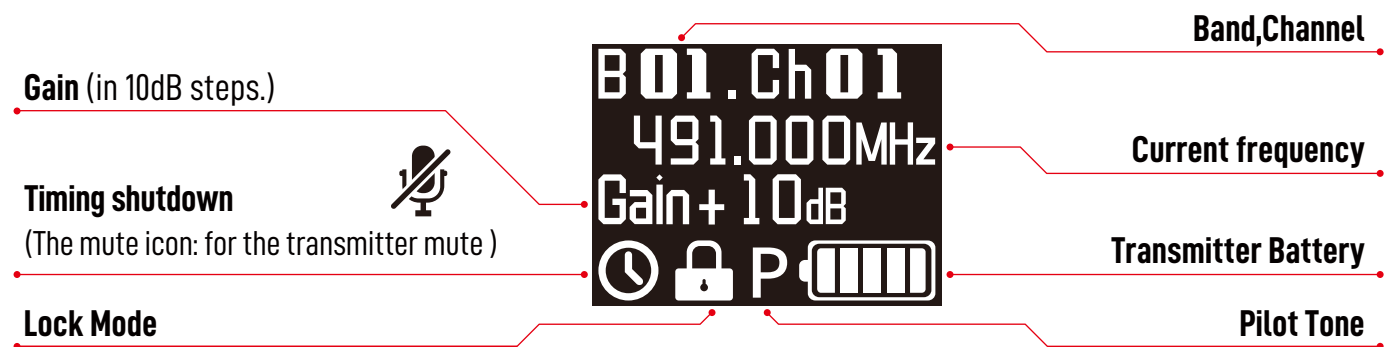
Handheld transmitter

H10

Handheld transmitter



Transmitter interface



When the key lock function is turned on, all key operations (including "OFF" operation) will be locked.



When the timed shutdown function is enabled:

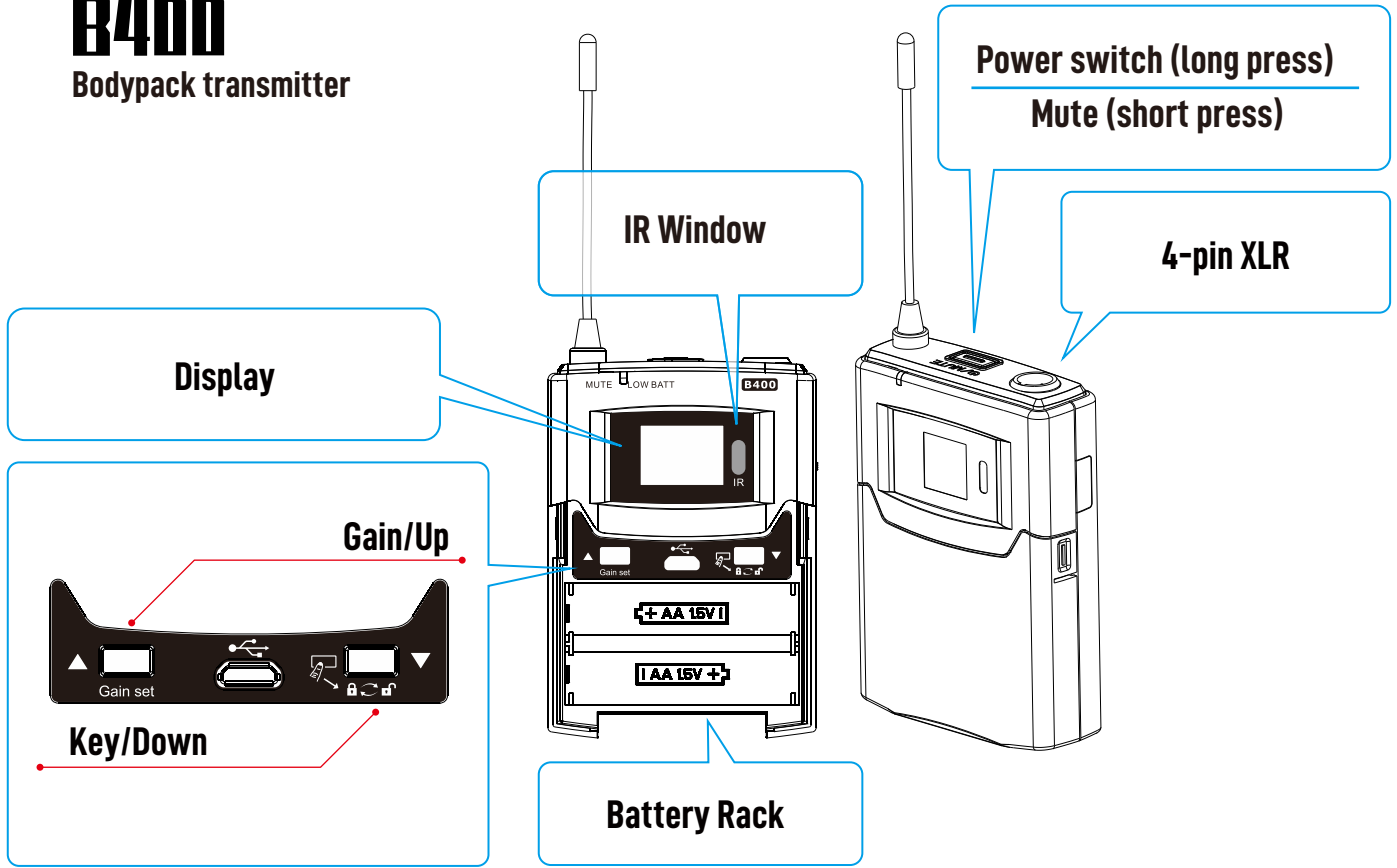
1. To slide the switch to "OFF", the transmitter into the mute state.
2. In mute state, without operating for 10 minutes, the handheld Mic will automatically be turned off.



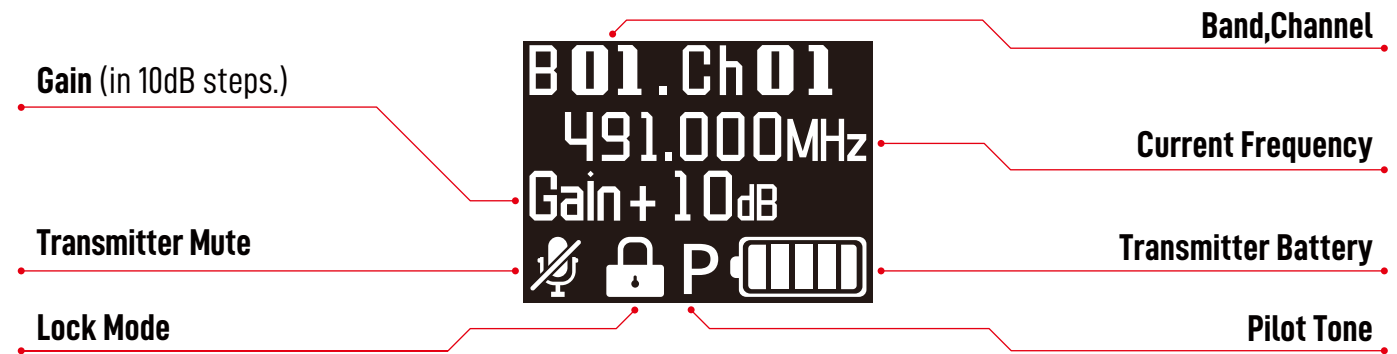
Bodypack transmitter

B400

Bodypack transmitter



Transmitter interface



Instruction for security and warranty

1. Please read this operating manual carefully before installation and use, and keep this manual for later reference.
2. Cleaning: please turn off the power supply before you clean the units, and wipe with the dry and soft cloth.
3. Do not use any unmatched accessories without the permission of the factory.
4. Do not put the equipment in an environment of wet or high temperature to avoid risk of happening.
5. Power Supply: USA/Japan: AC 110V-120V 60Hz. Europe: AC 220V-240V 50Hz
6. When it is lighting, please pull off the power plug to protect the equipment.
7. If the equipment will not be used for a long time, please turn off the power or even pull off the power plug, and take off the batteries in the transmitter.
8. Please contact the dealer directly when you have any needs for maintenance or after service for the equipment, and do not disassemble the equipment by yourself.

Warranty Policy

All the equipment will have 12 months for free maintenance except the man-made damage, such as:

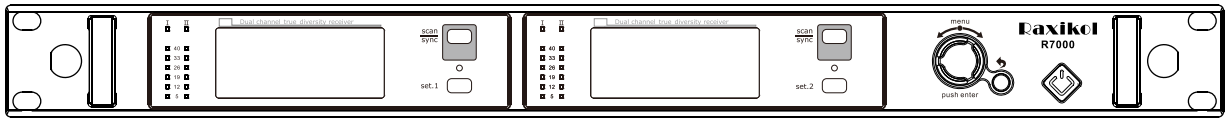
1. Fell and broken by man-made reason.
2. Damaged by disoperation.
3. Disassemble the equipment by yourself and damaged or lost components.

For equipment over the warranty policy, we also offer maintenance service with reasonable cost.

Tips for Improving System Performance

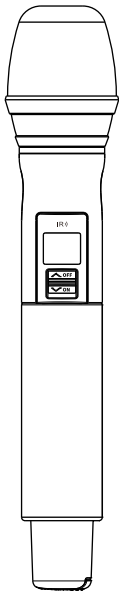
- Assure that there are no obstacles between the transmitter and receiver.
Do not put the receiver close to the metal surface or any other digital equipment (such as CD, PC etc).
- The receiver should be 1 M above the ground, and keep away from the walls.
For better ventilation, keep more than 20cm for the surrounding distance.
The ventilation holes should not be covered.
- Cellular phone and bidirectional radio will interfere, please keep away from these equipment and other potential interference.
- Do not put the equipment in the sunshine, or in the wet environment.
Do not disassemble the equipment by yourself.
Do not put any fire source such as candle on the receiver.
- Please put used batteries to the appointed recycle box.
The working temperature for the equipment is $-5^{\circ}\text{C} \sim +50^{\circ}\text{C}$.

Technical Data



R7000 Receiver

| | |
|----------------------------|-------------------------|
| Receiving Frequency Ranges | 470~510MHz/641~698MHz |
| Switching Bandwidth | 40MHz/57MHz |
| Receiving Sensitivity | -106dBm ±2dB/SINAD=12dB |
| Thirdorder Intermodulation | ≥78dB |
| Image Rejection | ≥100dB |
| Blocking | ≥73dB |
| Adjacent Channel Selection | > 110dB (FO ±250KHz) |

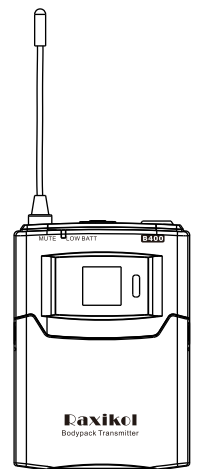


H10 Handheld transmitter

| | |
|-------------------------------|---|
| Receiving Frequency Ranges | 470~510MHz/641~698MHz |
| Switching Bandwidth | 40MHz/57MHz |
| RF Output Power | 16dBm(40mW) |
| Higher Harmonic | ≥60dBc |
| Peak Deviation | 48KHz |
| The Power Supply Requirements | Section 2 "AA" alkaline or rechargeable battery |
| Battery Life | ≈6~8H (alkaline); Current ≤150mA(3V) |

B400 Bodypack transmitter

| | |
|-------------------------------|---|
| Receiving Frequency Ranges | 470~510MHz/641~698MHz |
| Switching Bandwidth | 40MHz/57MHz |
| RF Output Power | 16dBm(40mW) |
| Higher Harmonic | ≥60dBc |
| Peak Deviation | 48KHz |
| The Power Supply Requirements | Section 2 "AA" alkaline or rechargeable battery |
| Battery Life | Material 6 ~ 8 h (alkaline); Current ≤150mA(3V) |



SYSTEM PARAMETERS

| | |
|--------------------|--------------------------------------|
| Dynamic Range | ≥ 115 dB(A) |
| THD | < 0.5% (at 1KHz) (Without Cartridge) |
| Frequency Response | 35Hz~18KHz (-3dB) |



Dimensions

| Model | Name | Weight | Dimensions | Case/ Shell |
|-------|-----------------------|------------------------------------|--|--------------------------|
| R7000 | Dual Channel Receiver | ≈2220g (Without Rubber Antenna) | 45mm×482mm×185mm (Height×Width×Depth) | Stainless Steel |
| H10 | Handheld Transmitter | ≈322g (Without Battery) | 250mm×51mm (Length×OD) | Aluminium Fabrication |
| B400 | Beltpack Transmitter | ≈87g (Without Battery) | 91mm×64mm×23mm (Height×Width×Depth) | ABS |

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