

MANUAL

PERSONAL MONITORING SYSTEM



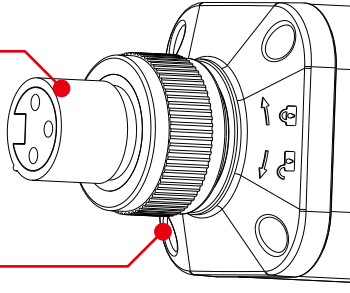
TH70/TH78

Operation manual-V1.02

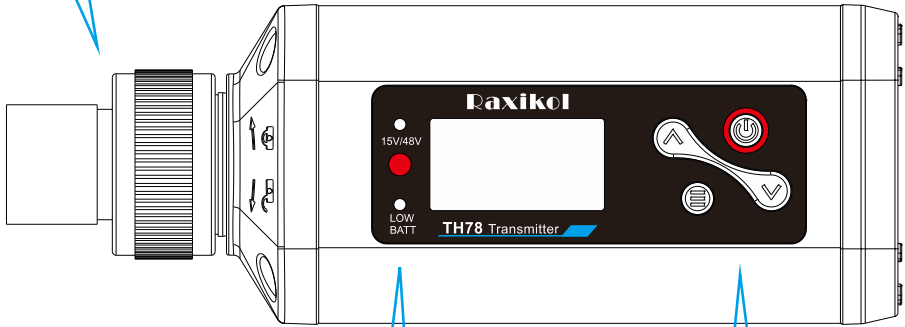
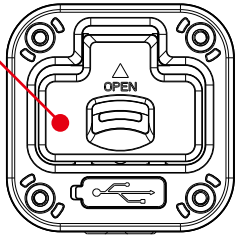
Transmitter operation panel

XLR (-3 Sockets)

Mechanical locking of XLR



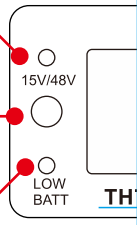
Battery Rack



**Phantom power indicator light
48v(Red),15V(Green)**

Infrared Sync Window

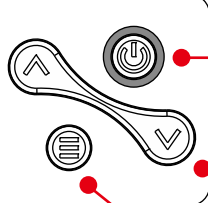
Low battery reminder



**Power switch(Long press)
Mute/Cancel (short press)**

Select Key

Menu/Confirm



Transmitter display interface

Audio Output Level
Red color block displayed at the top during overload.


Band.Channel
"B"=Band, "Ch"=Channel
The channel "U" is predetermined frequency.


Transmitter Battery




Display The Mode
Mode 1: current frequency (default)
Mode 2: self setting name

Sensitivity gain

 **Transmitter Mute**

 **Keys Locked**

 **Low Cut**

P **Pilot Tone**

Transmitter Menu



1. Frequency Selection

Select "Band " and "Channel", "U" is the self-set frequency.



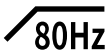
2. Sensitivity

Sensitivity gain setting.(19dB~-20dB,in 1dB steps)



3. Phantom Power

15V / 48V ,Phantom Power .



4. Low Cut

High Pass Filter.



5. Auto Lock

Turn on the function,witont operate and it will be locked automatically after 10 seconds.



6. Language

System language selection.



7. Advanced

Advanced setting.

7.1 Name

7.2 Camera mode

(Indicator light off,Low screen brightness)

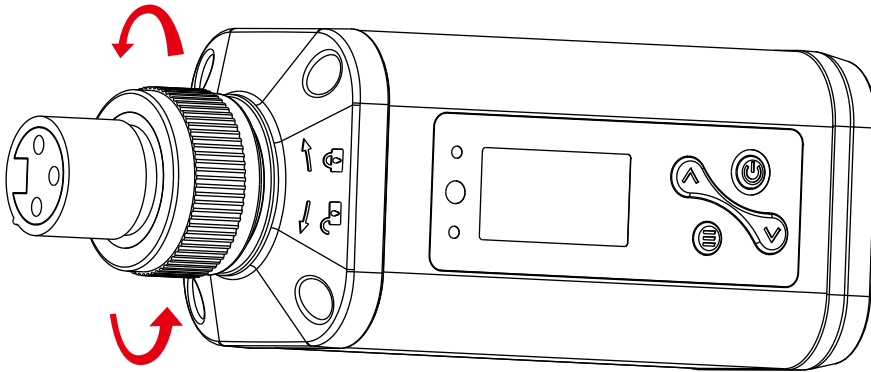
7.3 Information

7.4 Factory reset



Notice

Insert the XLR-3 plug of the microphone into the XLR-3 jack of the transmitter until the hook engages, and then rotate and tighten the mechanical lock in the direction indicated by the arrow.



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 on the environment of wet or high temperature to avoid risk to 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 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

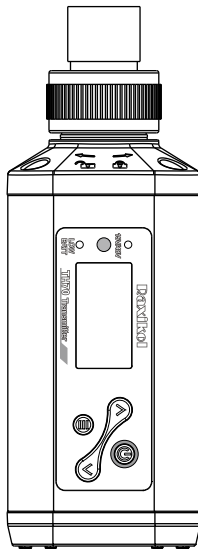
All the equipment will have 12 months for free maintenance except the man-made damage, such as:

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).
- Cellular phone and bidirectional radio will interfere, please keep away from these equipment and other potential interference.
- 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.
- Do not put the equipment on the sunshine, or in the wet environment.
Do not put the any fire source such as candle on the receiver.
The working temperature for the equipment is $-5^{\circ}\text{C} \sim +50^{\circ}\text{C}$.



TH70

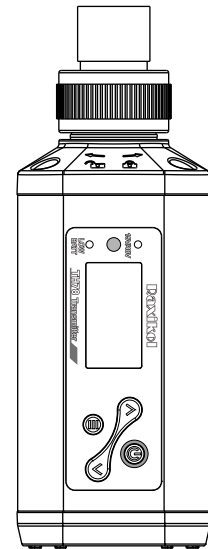
Pluggable transmitter

Frequency range: _____ 470~510MHz/641~698MHz
 Bandwidth: _____ 40MHz/57MHz
 RF output power : _____ 15dBm(30mW)
 High wave suppression: _____ ≥ 60 dBc
 Maximum Frequency Deviation: _____ 48KHz
 Power supply: _____ 2 *AA alkaline or rechargeable batteries
 Battery life: _____ $\approx 4\sim 8$ (HAlkalinity);
 _____ Current ≤ 150 mA (3V) (phantom closed)
 Phantom power output : _____ 48V/8mA MAX

TH78

Pluggable transmitter

Frequency range: _____ 470~510MHz/641~698MHz
 Bandwidth: _____ 40MHz/57MHz
 RF output power : _____ 15dBm(30mW)
 High wave suppression: _____ ≥ 60 dBc
 Maximum Frequency Deviation: _____ 56KHz
 Power supply: _____ 2 *AA alkaline or rechargeable batteries
 Battery life: _____ $\approx 4\sim 8$ (HAlkalinity);
 _____ Current ≤ 150 mA (3V) (phantom closed)
 Phantom power output : _____ 48V/8mA MAX



SYSTEM PARAMETERS

TH70+R7000\R7600\R7300M:

Dynamic range: _____ ≥ 115 dB(A)
 Distortion: _____ $< 0.5\%$ (at 1KHz)(Without Cartridge)
 Frequency response: _____ 35Hz~18KHz (-3dB)

TH78+R7800\R7800M\CPR100:

Dynamic range: _____ ≥ 118 dB(A)
 Distortion: _____ $< 0.5\%$ (at 1KHz)(Without Cartridge)
 Frequency response: _____ 35Hz~18KHz (-3dB)

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