



R-1001/R-2001

Q-1001/Q-1002/M-1001/M-1002

VHF WIRELESS MICROPHONE SYSTEM



DIN EN ISO 9001
Certificate NO:09 100 89126
通過 ISO 9001品質認證

Operating Manual



CHIAYO ELECTRONICS CO., LTD.

GENERAL

OUTLINE

R-1001 / R-2001 is a VHF high-band non-diversity system with quartz controlled fixed frequency design. The receiver must be combined with Chiayo's Q- and M-series of wireless microphone.

COMPOSITION

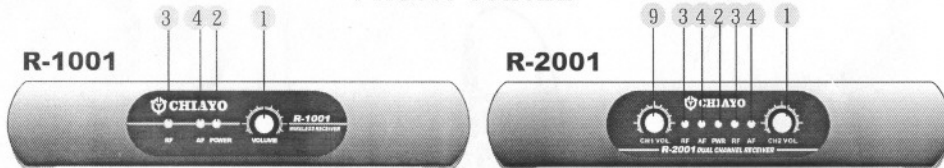
1. MAIN FRAME: R-1001 / R-2001
2. ACCESSORIES: 1) AC adapter 2) antenna X 1 (R-1001) / antenna X 2 (R-2001)
- 3) Output cable / PHONE 4) Operating manual

SYSTEM COMBINATION

1. MATCHING WIRELESS MICROPHONE: Q- and M- series such as Q-1001 & M-1001

CONTROLS AND FUNCTIONS

FRONT PANEL



REAR PANEL



CONTROLS AND FUNCTIONS

1. POWER SWITCH AND VOLUME CONTROL
Turn the knob clockwise until it clicks to switch on the power. Further turning will increase the volume.
2. POWER ON INDICATOR
When power is switched on, the power on LED will light up.
3. RF SIGNAL INDICATOR
Indicates RF signal received. As soon as signal is emitted from the microphone, the LED of the indicator will light up.
4. AF SIGNAL INDICATOR
Indicates the audio signal. When sound is applied to microphone, LED will light up.
5. ANTENNA INPUT JACK (R-1001)
For direct mounting of antenna or antenna extension cable.
6. UNBALANCED AUDIO OUTPUT JACK
7. SQ CONTROL
muting level can be adjusted by SQ control.
8. DC POWER SUPPLY INPUT SOCKET
A 12-15V external DC power supply or an AC adapter could be connected to this socket while the negative is grounded.
9. CH2 VOLUME CONTROL (R-2001)
10. ANTENNA 1 INPUT JACK (R-2001)
11. ANTENNA 2 INPUT JACK (R-2001)

HAND-HELD Microphone (Q-1001)

1. The microphone is shown in Fig 1.

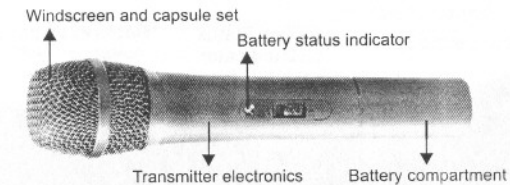


Fig. 1.

Wireless Microphone

2. To access to the battery compartment, loosen the battery pack in counter clockwise direction, as shown in Fig. 2.

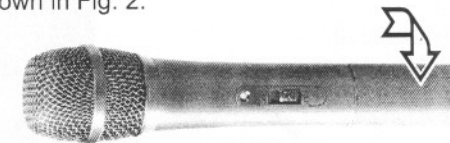


Fig. 2.

3. Insert one piece of 9V battery with correct polarity, as shown in Fig. 3. Before inserting the battery, make sure that the power switch is switched off.

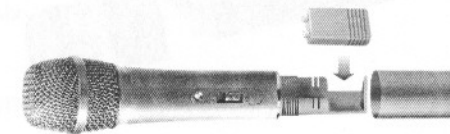


Fig. 3

4. After putting the battery cover back to the housing, slides the switch to "ON" position as shown in Fig. 4.

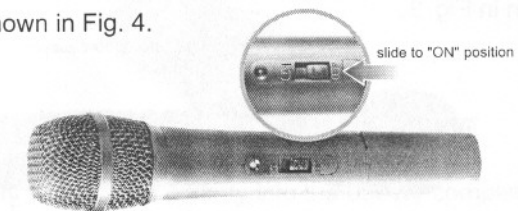


Fig. 4

5. As soon as the switch is on, the battery-status indicator will give a flash, indicating a normal operation. If there is no flash, it indicates either power supply is not available or battery is installed wrongly.
6. After switching on, the RF signal indicator LED(s) of matching receiver will light up, indicating the microphone signal transmission is in normal operation.
7. Switch off the power switch when the microphone is not in use, meanwhile, remove the battery out of microphone if it is not in use for an extended period.

HAND-HELD Microphone (Q-1002)

Handheld Microphone Parts and Functions

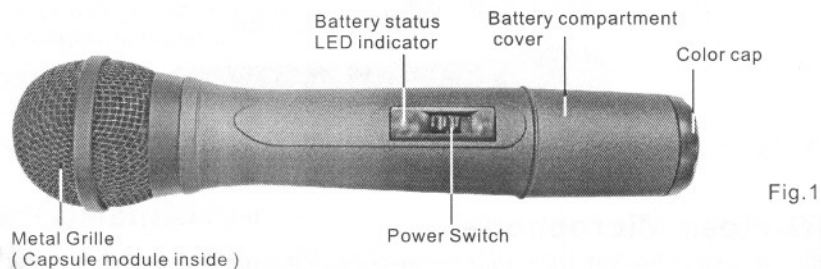


Fig.1

Battery Installation

Q-802 uses 1 piece of 9V battery. To install new or replace the old battery, First unscrew the battery cap from the battery compartment, then insert the new battery according to its correct polarity as indicated. For longer Operation hour, Alkaline battery is recommended!

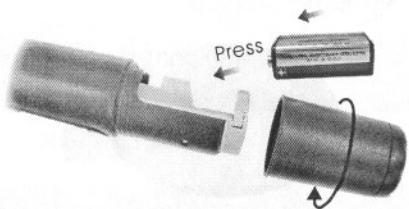


Fig.2

- After putting the battery cover back to the housing, slides the switch to "ON" position as shown in Fig. 3.

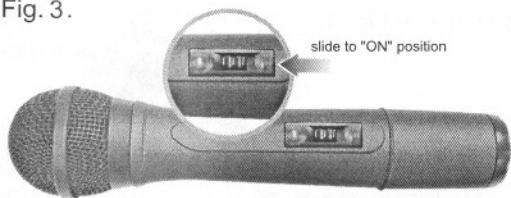


Fig.3

- As soon as the switch is on, the battery-status indicator will give a flash, indicating a normal operation. If there is no flash, it indicates either power supply is not available or battery is installed wrongly.
- After switching on, the RF signal indicator LED(s) of matching receiver will light up, indicating the microphone signal transmission is in normal operation.
- Switch off the power switch when the microphone is not in use, meanwhile, remove the battery out of microphone if it is not in use for an extended period.

Belt-Pack Transmitter(M-1001)

1.The Belt-Pack transmitter is shown in Fig.1.

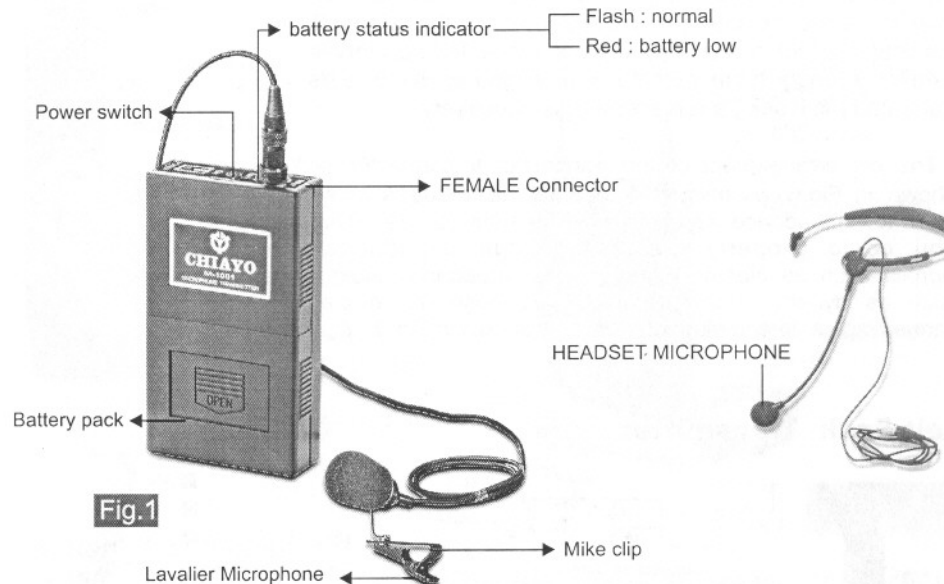


Fig.1

2.To access the battery, pull out the battery cover as in Fig.2.

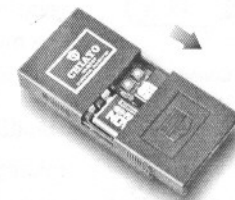


Fig.2

3.Insert a 9V battery with correct polarity into the battery compartment and put back the compartment cover, as show in Fig.3.4.



Fig.3

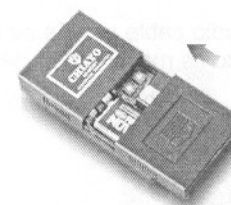
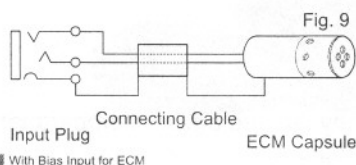
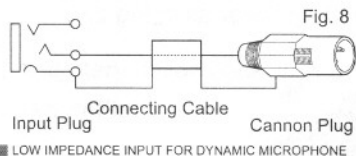
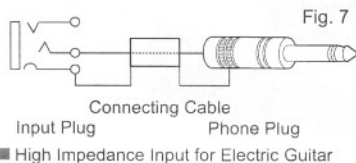


Fig.4

4. Sliding the power switch of the transmitter control panel to "ON" position, as shown in Fig. 7, the battery status indicator gives a flash to indicate a normal operation. If there is no flash, it indicates either power supply is not available or battery is installed wrongly. If the indicator keeps lighting, it indicates that battery is weak, a replacement is necessary.

5. The pin arrangement of the transmitter's connector jack is shown in Fig. 6. A unique feature of the M-303 is its separate high / low impedance and bias with the same jack for ECM input. You could properly match the high impedance input signals such as electric guitar, or low impedance input signals such as dynamic microphone, then choose the proper input connecting cable and plug correctly, as shown in Fig. 7, 8, and 9.

Belt-Pack Transmitter



Caution: The audio cable serves as antenna for this VHF system. Please stretch the cable to its maximum to get the most efficient transmission power.

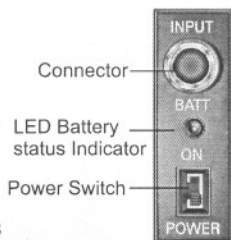


Fig. 7

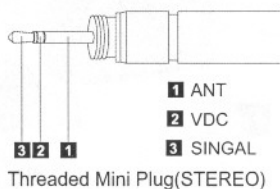


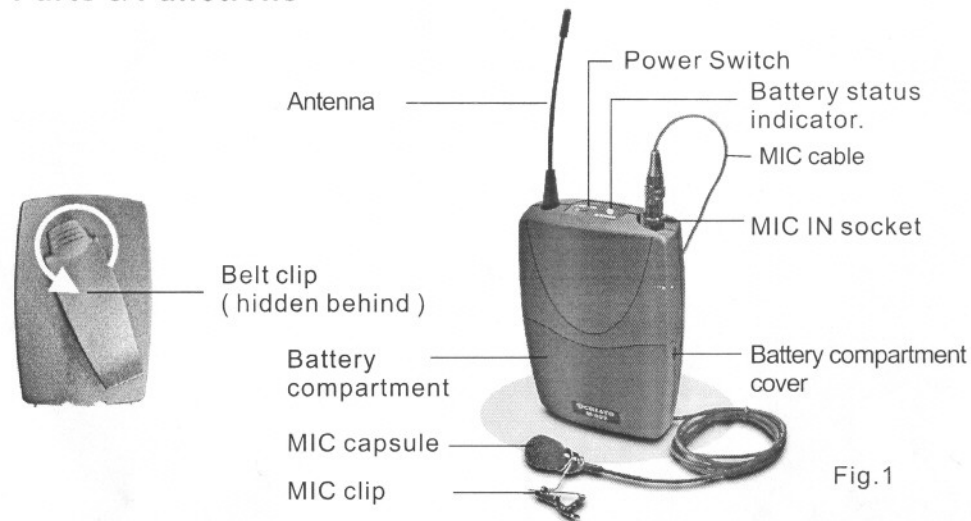
Fig. 6

6. After switching on, the RF signal indicator LED(s) of matching receiver will light up, indicating the microphone signal transmission is in normal operation.

7. Switch off the power when the microphone is not in use, meanwhile remove the battery out of microphone if it is not in use for an extended period.

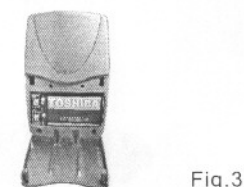
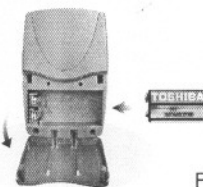
Belt-Pack Transmitter(M-1002)

Parts & Functions



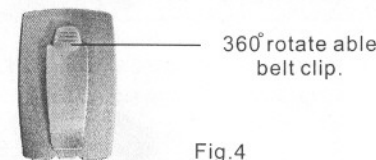
Battery Installation

M-1002 uses 1 piece of 9V battery. To install new or replace the old battery, first open the battery compartment cover, then insert the new battery according to its correct polarity as indicated. For longer operation hour, Alkaline battery is recommended!



Belt Clip

This uniquely designed belt clip allows 360 rotation. Select the best position to achieve optimum wearing comfort.



Federal Communication Commission Interference 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 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.

FCC Caution : To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

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.



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