

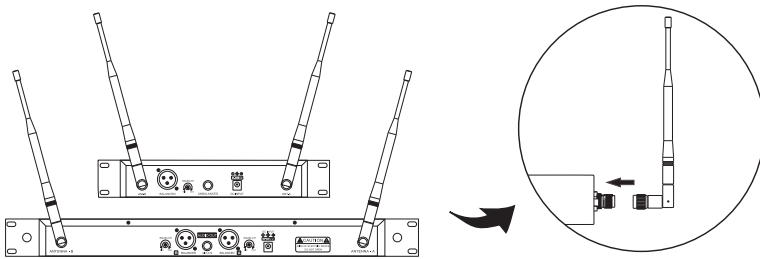
1. **Antenna.**
2. **LCD Information Display:** Show the transmitter power/frequency channel ect.
3. **Up Function Button:** Sets channel data.
4. **Down Function Button:** Sets channel data.
5. **Power / Mute Button:** Power ON/OFF transmitter.
6. **Battery Cover:** Open the cover and set 2XAA(1.5V) Alkaline batteries, or NI-MH rechargeable batteries.
7. **Antenna Connector.**
8. **Input Connector:** It is TA4 PINS connector; It is suitable for the lavalier microphone system/ Headset microphone systems/ Guitarist microphone system.

SYSTEM CONNECTIONS

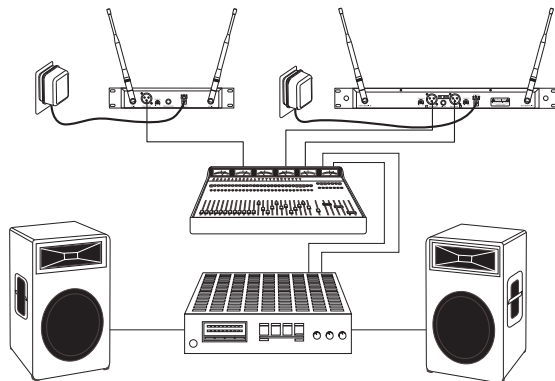
1. **Receiver Power Connection:** Connect the AC adapter into the DC power connector on the back of the receiver. Plug the AC adapter into a AC 120V/220 50Hz outlet.



2. **Antenna Connection:** Attach the two antenna to the ANTENNA connectors.



3. **Audio Connection:** Connect the audio cable from the audio output on the receiver to the input on your amplifier equipment.



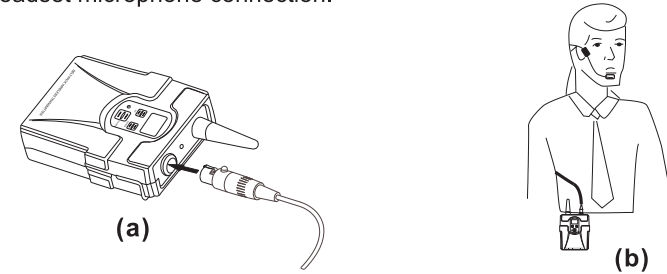
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TRANSMITTER CONNECTIONS

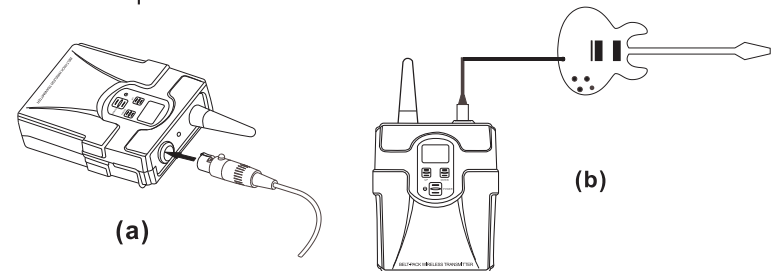
1. **Lavalier microphone connection.**



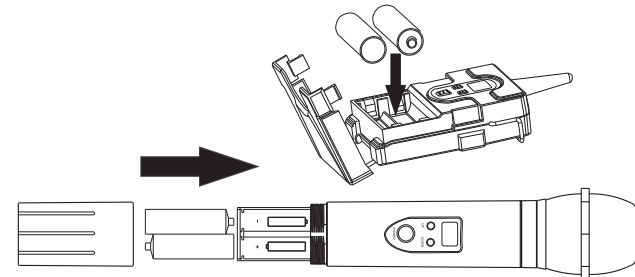
2. **Headset microphone connection.**



3. **Guitarist microphone connection.**



4. **Transmitter Battery Installation:** Open the battery cover and insert two AA (1.5V) Alkaline batteries. (Att. the battery polarity)



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RECEIVER OPERATION INSTRUCTION (CHANNEL DATA SETTING)

1. Turn on the receiver.



2. Channel Set Up: Press Up and Down button to select the channel data.



2.1 Length press "MANU" to enter channel setting mode, the figure is flashing, during three seconds after operation is finished. the system will lock and save the message and then exit.

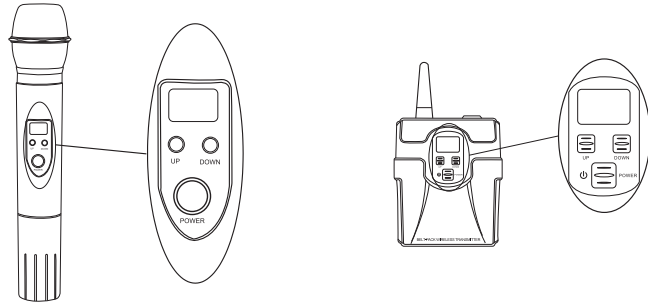
2.2 Length press "AUTO" to enter Automatic searching mode, when the usable channel is found, it will be lock and save, and then exit.

Att: When use the "AUTO" mode, the transmitter must be turned on.

NOTE: Overpass the channel setting, the receiver's data is finished, Data will be retained until the receiver is reset.

OPERATION INSTRUCTION

Turn on the transmitter.



1. Length press the power button to turn ON/OFF the transmitter, short press the "POWER" twice, it is turn ON/OFF the MUTE status.

2. Length press "up" to enter frequency setting, the figure is flashing, short press "DOWN", setting channel to make consistent with the receiver after three seconds it will be exit automatic. Length press "DOWN", it will show the exchange of frequency and channel.

3. Backlight will light when there are some action for the button, the light will crush out when the operation is finished.

SPECIFICATIONS

NOTE: For a list of compatible frequencies that are usable in your area, refer to the supplied frequency supplement.

RF Carrier Frequency Range

460.00MHz to 970.00 MHz (Available frequencies depend on the applicable regulations in the country where the system is used).

Effective Range

100m(300ft.) Under optimal conditions

NOTE: Actual working range depends on RF signal absorption, reflection, and interference from objects and environment.

Audio Frequency Response

Typically 50Hz to 15,000Hz, ± 2 dB

NOTE: System response is depend on the using accessory of microphone

Body-Pack Transmitter Output

Actual Impedance:	50 Ω
Nominal Output Level:	10 mW

Hand-Held Transmitter Input

Input Configuration:	Unbalanced, active
Actual Impedance:	600 k Ω (GT)

Hand-Held Transmitter Output

Actual Impedance:	50 Ω
Nominal Output Level:	10 mW

Receiver Input

Connector:	Antenna	Power Input
Connector Type:	TNC	
Actual Impedance:	50 Ω	
Nominal Input Level:	-95 to -30 dBm	14 V DC
Maximum Input Level:	+6 dBm (-20 dBm recommended)	18 V DC
Voltage for Remote Power:	9 V DC, 100 mA maximum	

Receiver Output

Connector:	High Z Audio	Low Z Audio*
Output Configuration:	Unbalanced(1/4 in.)	Balanced(XLR)
Actual Impedance:	3k Ω	600 Ω

* Output Level: Microphone Level=Line Level-20dB

Receiver Audio Output Level (25 KHz deviation, 400Hz tone)

XLR connector (into 600 ohm load): 24mV

1/4 inch connector (into 3000 ohm load): 360mV

Impedance: Body Pack (input): 500k Ω (GT)

Receiver : 50 ohms antenna level; 3000 ohm at mic level

Modulation: FM; \pm 25KHz

RF Power Output: 10 mW

Dynamic Range: >100 dB

RF Sensitivity: -105dBm (S/N -12dB)

Image Rejection: 80 dB typical

Spurious Rejection: 60 dB typical

Ultimate Quieting(reference 25KHz deviation): -105dBm

System Distortion: <1% total harmonic distortion, typical

Power Requirements: Transmitters: 2 x AA 1.5V Alkaline batteries

Single Channel Receiver:12-18V DC(negative ground),500mA

Dual Channels Receiver:12-18V DC(negative ground),800mA

Battery Life: Approximately 9 hours (varies with battery type)

Operating Temperature Range: -20 to 49 $^{\circ}$ C (-4 to 120 $^{\circ}$ F)

NOTE: Battery characteristics may limit this range.

Overall Dimensions:

Body-Pack: 83mm x 67mm x 25mm

Microphone: 245mm x 50mm x 50mm

Receiver: 271mm x 177mm x 43mm

483mm x 213mm x 43mm