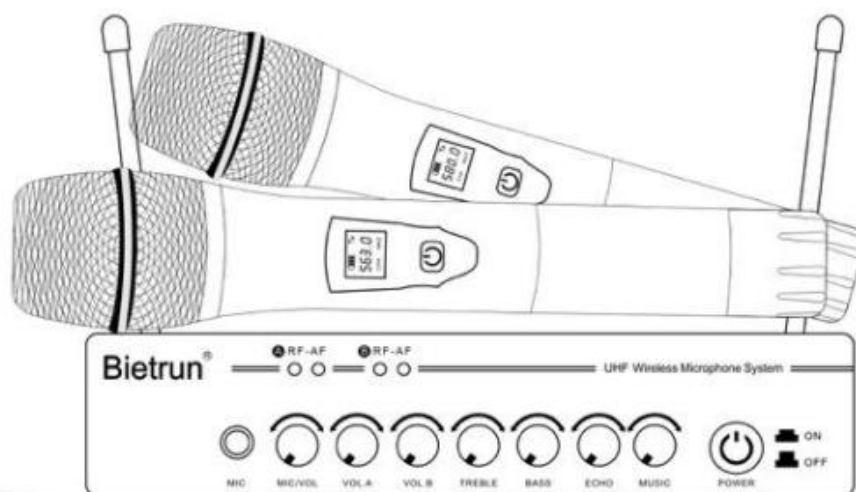


Bietrun[®]

User Manual

Professional Karaoke Wireless Microphone Equipment

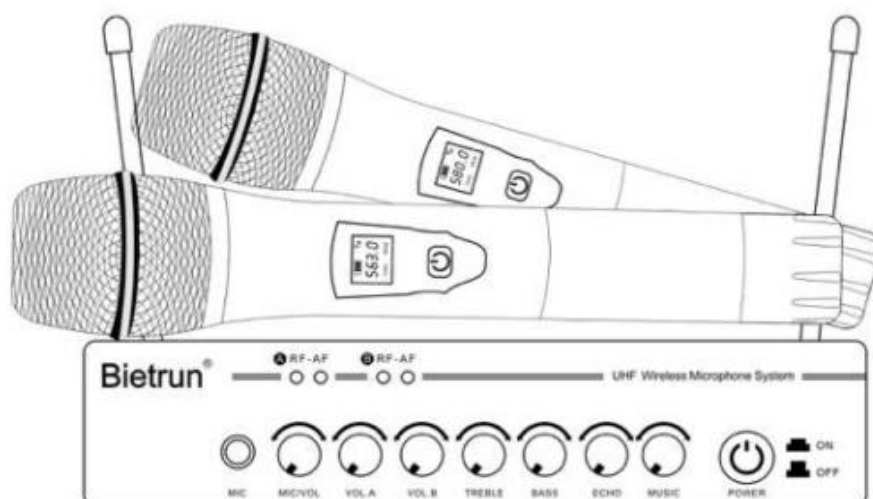


Thank you for buying this brand! In order to give full play to all the functions provided by this brand, please read the instruction manual carefully, complete the setting correctly, and keep this instruction manual properly for reference in case of future problems.

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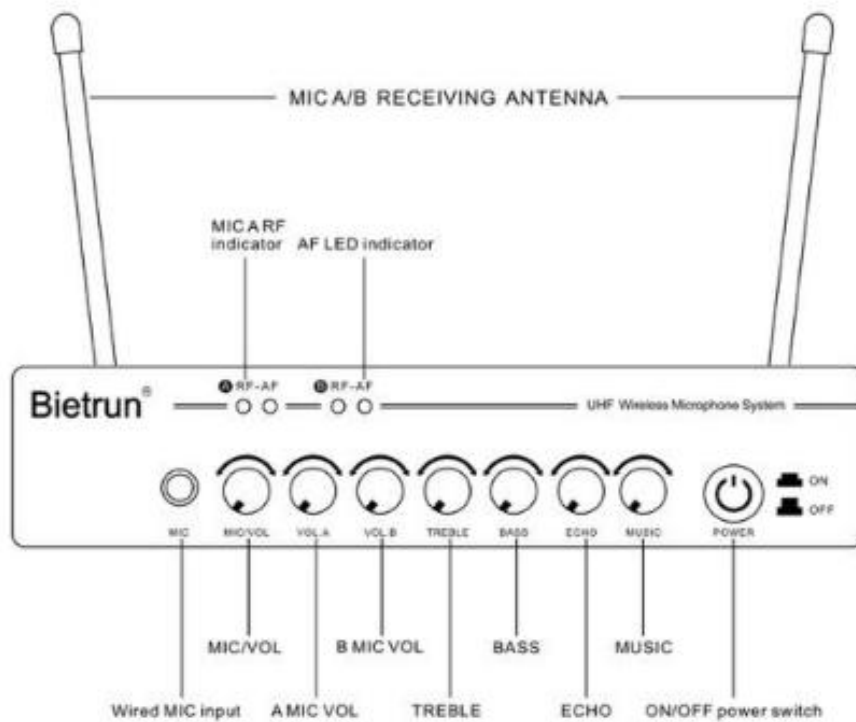
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Foreword

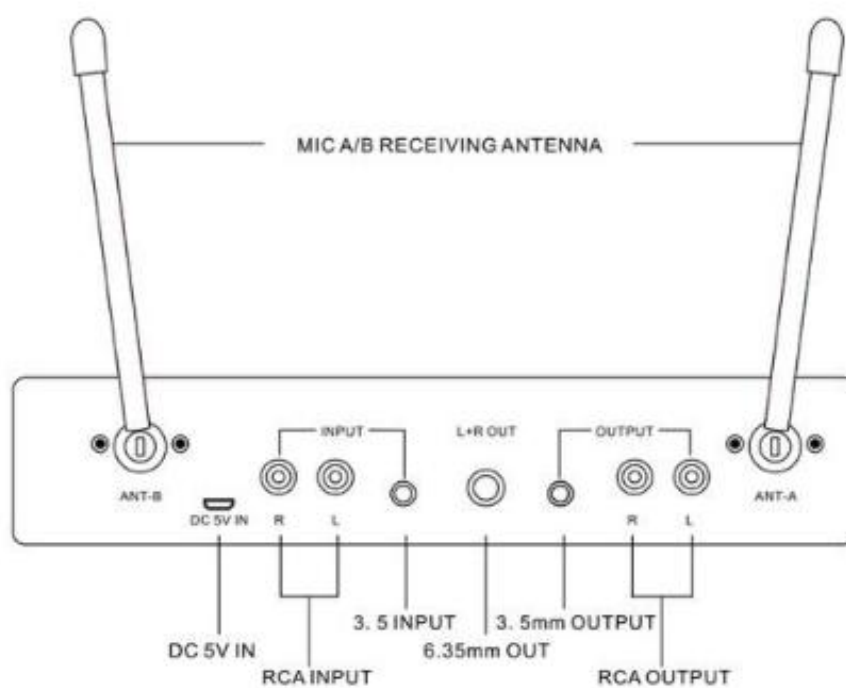


We are very grateful to you for purchasing this product. Please read this manual carefully to understand how to operate the model you purchased. After you have read this manual, please keep it in a safe place for future reference. This wireless microphone, which uses the United States efficient low-RF emission technology, ultra-high sensitivity UHF narrowband high-frequency receiver, the use of frequency synthesis technology, to multi-band switching, with independent development of dynamic audio compression, expansion circuit, mirror Frequency suppression circuit, multiple detection squelch circuit, switch impact elimination circuit anti-transmission circuit, slow output control and other technology, and access to computer EDA analog online auxiliary design, strict product quality control, so that each system has excellent Performance

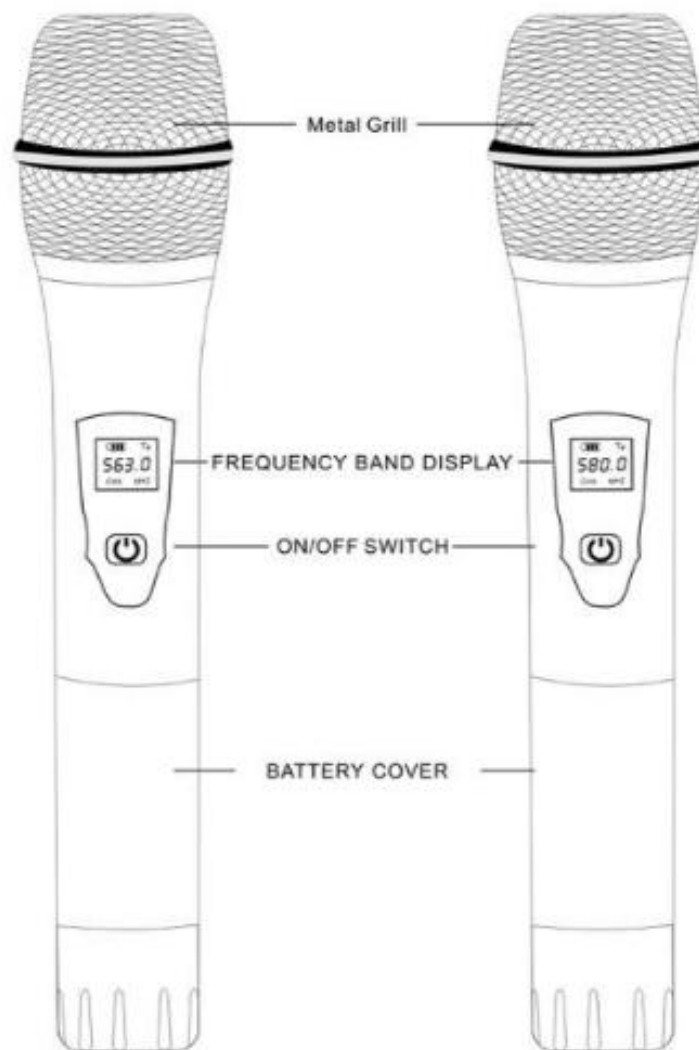
Receiver Front Function Diagram



Receiver Back Function Diagram



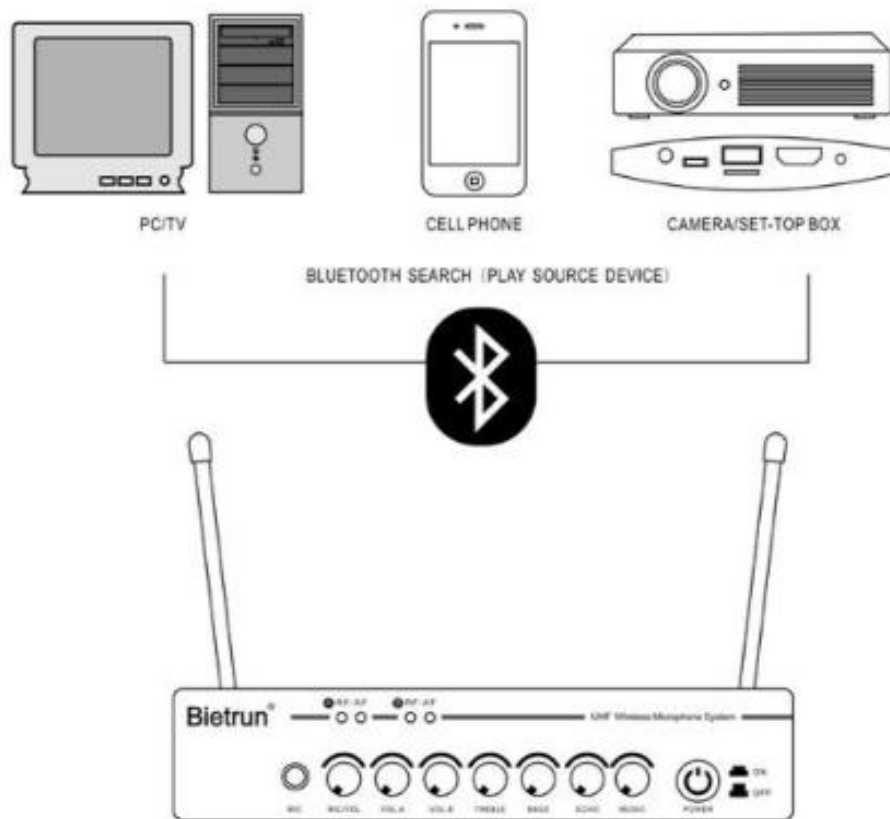
Microphone Function Diagram



Product Features Introduction

1. Super noise reduction function, high signal to noise ratio.
2. Strong anti-interference, high-performance restrain noise output.
3. Wide corresponding frequency range, low distortion.
4. Hand-held switch without impact, to ensure that after the class power amplifier system and speaker safety.
5. Perfect working status instructions and power instructions.
6. Practical distance, the ideal environment to reach more than 50 meters, complex environment with a radius of 30 feet.
7. Dual-channel design allows simultaneous use of two hand-held microphones without disturbing each other.
8. The use of frequency synthesis technology can be more widely applied to a wider range of switching.
9. For network karaoke, television singing, karaoke hall, home entertainment and many other occasions.

Bluetooth Connection Diagram

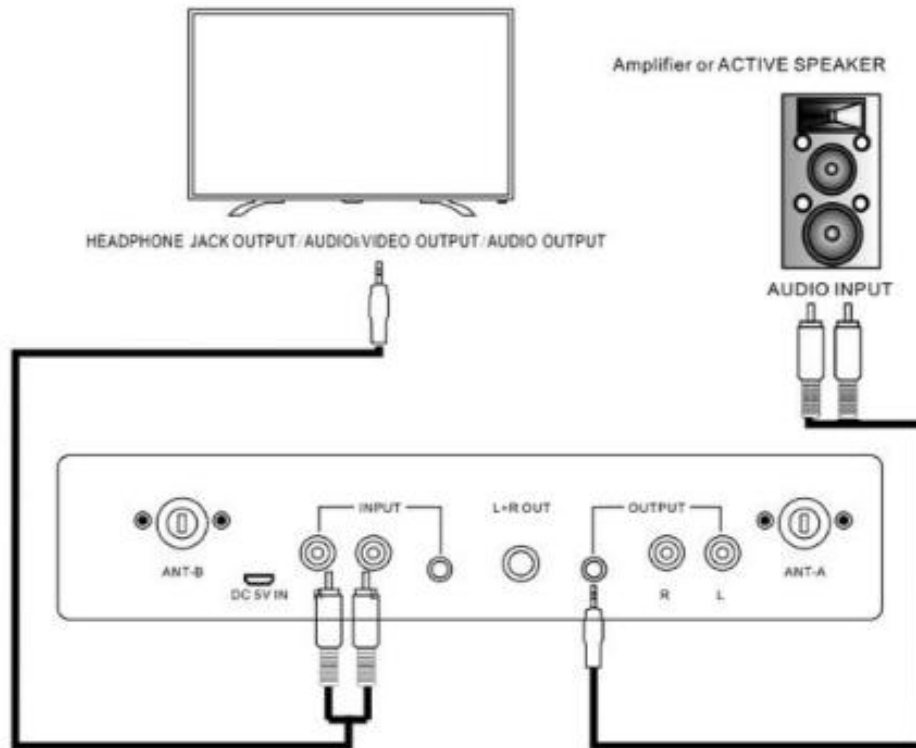


Bluetooth Connection and Use Method:

1. Turn on Bluetooth of play source device, and search for device
2. Search for the microphone host device Bluetooth (Bluetooth name: Bietrn 06)
3. Play source device pairing to connect the microphone receiver . It's done.

Note: The wiring used for the connection may depend on the specifics of the amplifier or active speaker.

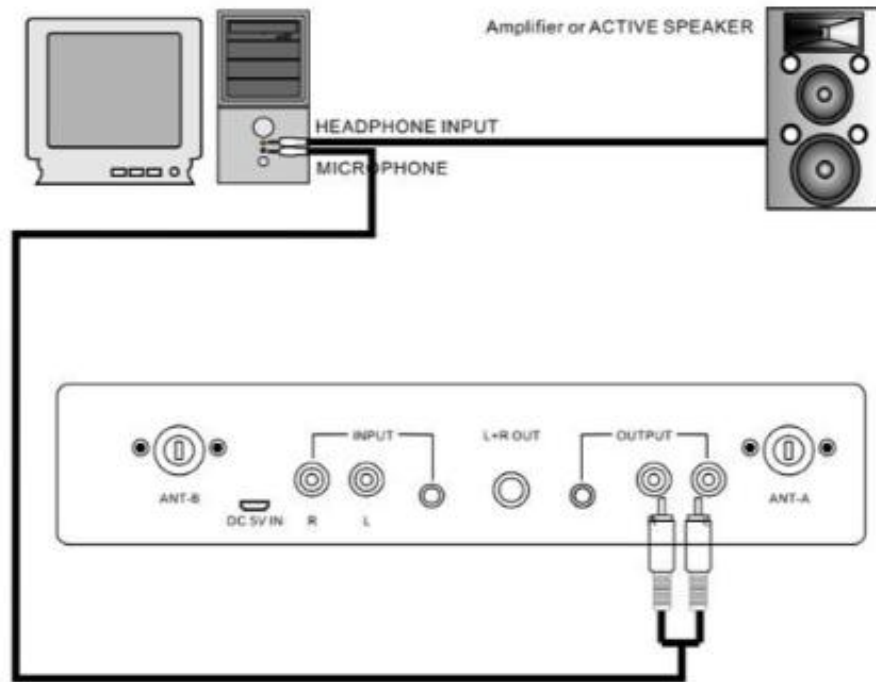
TV Karaoke Connection Diagram



TV connection using method:

1. Connect the supplied audio cable from the headphone jack, AV output port, and audio output port on the TV to the INPUT jacks on the receiver unit.
2. Connect the audio input from the OUTPUT jack of the receiver with the audio cable.
3. Connect the receiver to power, install AA battery into microphone, then it is ready to be used.

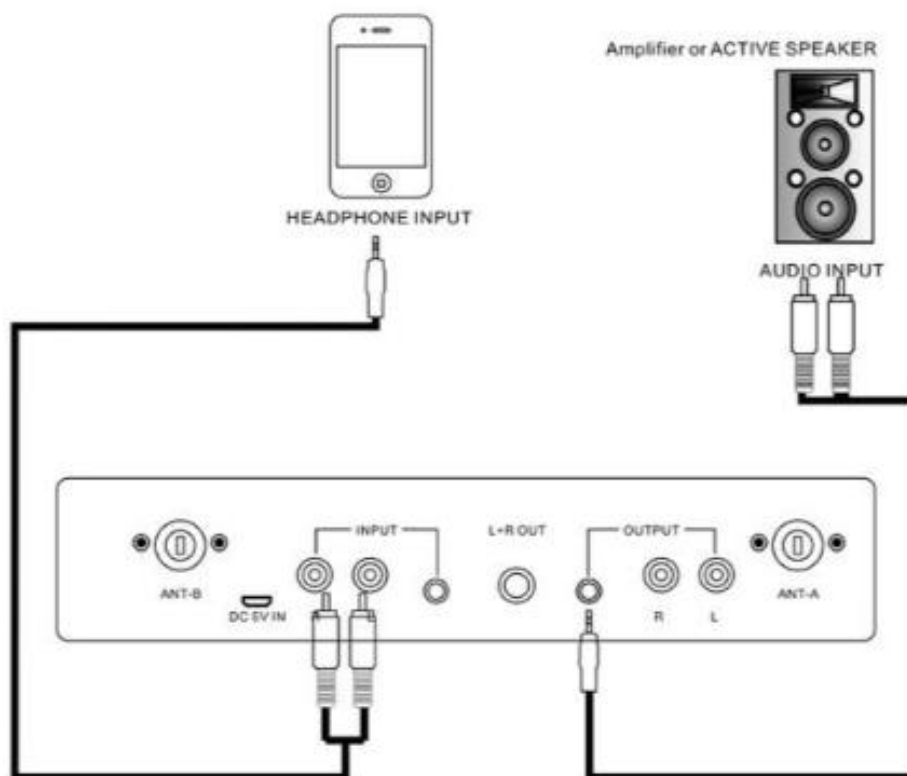
Computer Karaoke Connection Diagram



Computer Connection and Use Method:

1. Connect the audio output port of the receiver device to the computer microphone hole with the included audio cable.
2. Audio connected to the computer's headphone jack.
3. Connect the receiver to power, install AA battery into microphone, then it is ready be used.

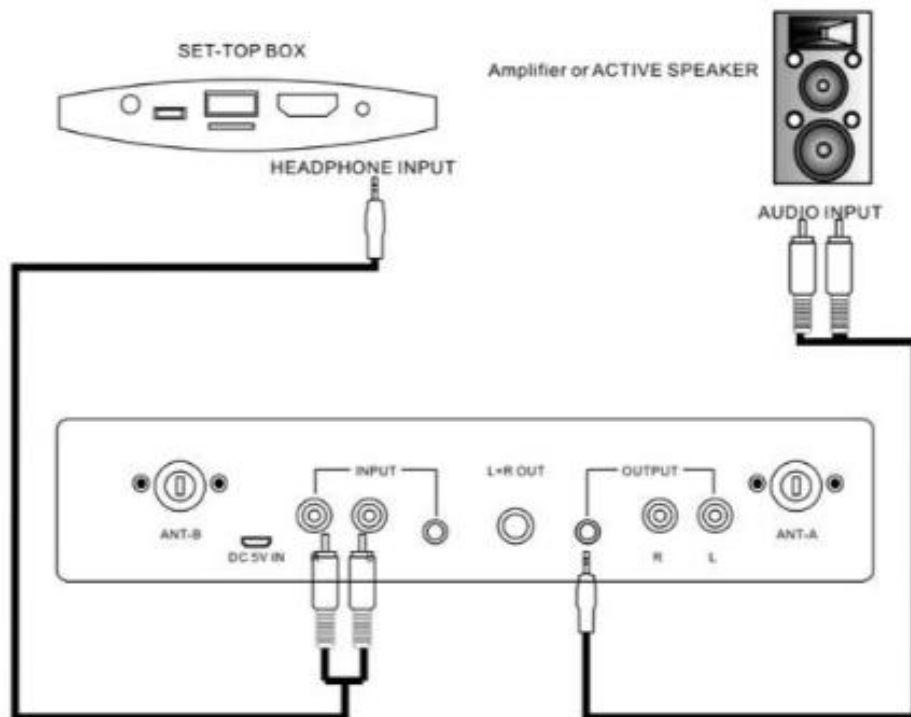
Cell Phone Karaoke Connection Diagram



How to Connect and Use with Cell Phone:

1. Use the provided RCA-3.5mm cable from the phone's headset jack to connect to the INPUT jack on the receiver.
2. Connect the audio input jack from the OUTPUT jack of the receiver again using the audio cable.
3. Connect the receiver to power, install AA battery into microphone, then it is ready be used.

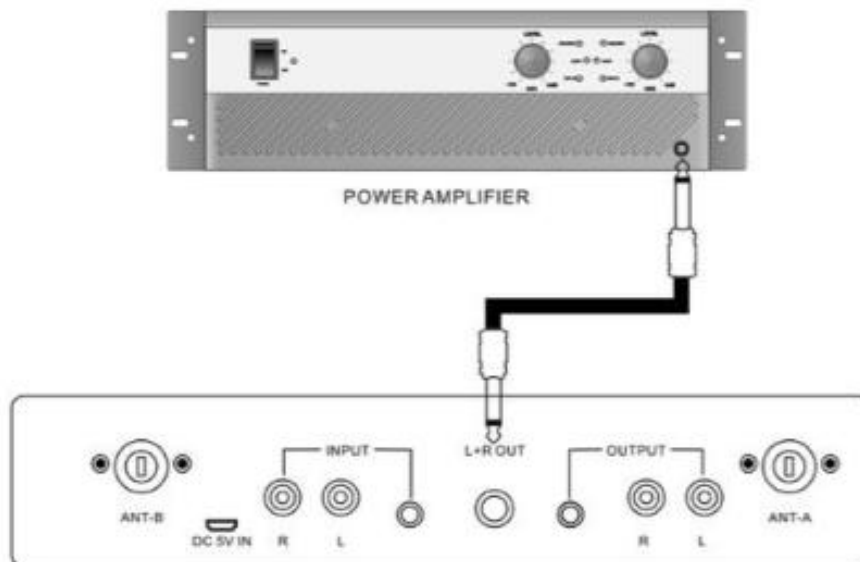
Set-top Box Karaoke Connection Diagram



Set-top Box Connection and Use Method:

1. Connect the supplied audio cable from the set-top box's output jack to the receiver's INPUT jack.
2. Connect the audio input jacks from the output jacks of the receiver again using the audio cable.
3. Connect the receiver to power, install AA battery into microphone, then it is ready be used.

Power Amplifier Connection Diagram



Amplifier Connection and Use Method:

1. Connect the supplied 6.35mm to 6.35mm audio cable from the amplifier's microphone jack to the L+R OUT hole on the receiver.
2. Connect the receiver to power, install AA battery into microphone, then it is ready to be used.

Note: When the amplifier without microphone jack, please refer to the normal audio connection.

Use Connection Guide

1. Place the receiver near the desktop or multimedia speakers, plug in the power cord, plug one end of the supplied audio cable into the unit's OUTPUT connector and connect the other end to a desktop microphone input (MIC IN) or multimedia speaker audio input. Adjust the receiver two antennas to vertical, turn on the receiver power switch. The power light is on. The machine is in standby working condition.
(* The receiver is best not to work in dead zones to ensure a good signal environment).

2. Open the microphone battery cover, insert the batteries into the battery holder correctly, and close the battery compartment. (* Battery and battery holder both with electrode label , please do not install the batteries reversely)

3. Press the microphone switch for 2 seconds then its display screen will illuminate. At this time, the receiver and its corresponding signal indicator will light on, indicating that the receiver has received a valid signal of the microphone, and signal volume knob and the subsequent volume knob of the signal amplifier are properly adjusted so that the system has appropriate volume, speak to the microphone at this time to check the voice volume.

4. Receiver designed with RCA output jack, for different broadcast, recording equipment and occasions.

Technical Index Specifications

Receiver

Receiving frequency: U Band

Sensitivity: 2mV

Image interference ratio:> 88dB

Audio output: 800mV-1.4V

Receive channel: 2

Power consumption: 3W

Frequency stability: <0.002%

Interference frequency ratio:> 90dB

Signal to noise ratio:> 95dB

Working range: Standard conditions 30 to 50 m

Supply Voltage: 5V

Antenna: universal antenna

Handheld Transmitter

Carrier frequency: U Band

Transmit power:10mV

Harmonic: <Main wave 40dB

Pickup: 600Ω single directivity

Antenna: built-in

Frequency stability: <0.002%

Current consumption: <25mA

Standard: Fixed frequency

Battery: 2*AA/MIC (not included)

Complex Index

Dynamic Range:>95dB

Frequency response: 50KHz-18KHz (±3dB)

System distortion (<1%,1K Hertz modulation)

Safety Guide

Guidelines Reading: Be sure to read all safety instructions before using this product.

Guidance on Preservation: Please keep this manual in a safe place for future reference.

CAUTION WARNING: Follow the warnings marked on the unit and in the operating instructions.

Guidelines Following: Please observe all the rules and guidelines.

Use Save: Do not place the machine on a high degree of humidity, high electromagnetic field, strong direct sunlight, high temperature and other environments to use or store.

Cleaning: Before cleaning, the power must be unplugged, do not use liquid or spray, wipe with a damp cloth.

Accessories: Please use the manufacturer's accessories and their approved accessories.

Power: The unit can only be operated using the power source indicated on the instruction label. Please confirm if the mains voltage in your area is suitable for this machine.

Maintenance: Do not self-repair the machine. Because disassembly and removal of covers can expose you to dangerous voltages or other hazards. Maintenance should be carried out by a qualified mechanic.

Replacement Parts: After the repair work, please repair technicians for safety inspection to determine the normal use of this machine and meet the safety requirements.

Adjustment: If the machine is faulty or performance degradation, please do not disassemble the shell, adjust the adjustable circuit board original, so as to avoid serious damage. Should have a professional technician with special equipment maintenance adjustment. Or contact the manufacturer and your local distributor. We will do our best for every customer.

FCC Statement

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 or more 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.