

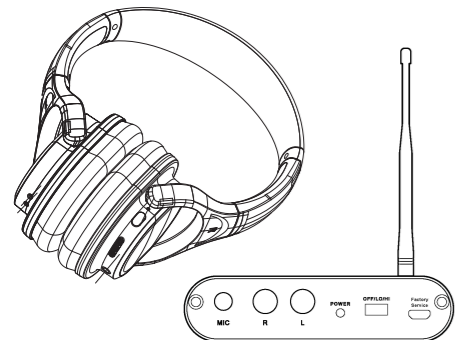
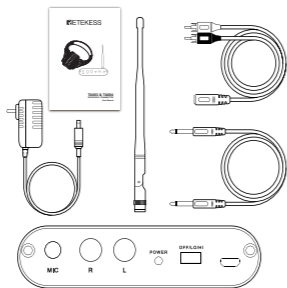


SECTION A: TRANSMITTER

◆What's in the box

Transmitter Box

- 1 * Transmitter
- 1 * Antenna
- 1 * 9V Power Adapter
- 1 * male 1/8" to male 1/8" cable
- 1 * male RCA to female 1/8" cable
- 1 * User Manual



Features

Figure A:

1. MIC: 1/8 inch microphone input. Plug in a wired microphone to be mixed with the audio being transmitted.

2. RCA R+L Input: Connect your mixer or audio device to the Left and Right RCA input.

3. POWER: The light will illuminate green when it is charging, and red when it is on.

4. OFF-LO-H: This switch toggles the transmitter on and selects the power level at which it transmits.

Switch to LO for low power mode. Transmission distance will be roughly 100 feet. When using the internal battery, the system will always transmit in low power mode.

Switch to HI for high power mode. Transmission distance will be roughly 300 feet. Note: High power transmission mode is only available when the transmitter is plugged in with the DC 9V adapter.

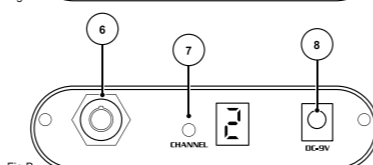
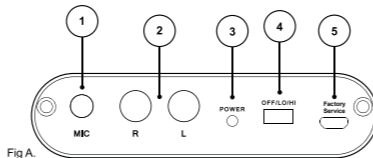
5. USB Factory Service: DO NOT use this connection to charge/power the device. This connection is used to update the device and is intended for service personnel only.

Figure B:

6. ANTENNA: The antenna attaches here using the BNC connector.

7. CHANNEL: This button changes the channel the transmitter is using. Press to toggle between channel 1, 2, 3, etc. The LED display will show the currently selected channel. Notes: When more than two transmitters are working simultaneously, make sure each transmitter on a different channel.

8. DC-9V: Connect the power adapter here to power the unit and charge the internal battery. While the transmitter is plugged in, it can be operated in high power mode. (See Fig A. Item #4)



◆Getting Connected

The transmitter is easily wired into any system, just follow these steps:

1. Attach the antenna to the transmitter (Arrow #1)

2. Connect a cable from the Audio Output on the music source to the RCA Audio Input located on the Silent Symphony transmitter. (Diagram pg 3)

3. Connect a microphone to the 1/8" input on the transmitter to be mixed with the audio signal. (Diagram pg 3)

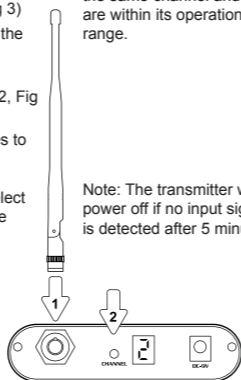
4. Select the Transmission Power Level. (Pg 2, Fig A, Item #4)

5. Select from one of the available frequencies to broadcast on with the Channel Select switch. (Arrow #2)

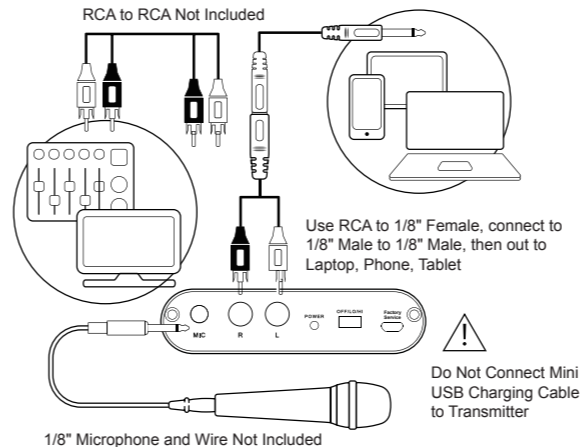
6. Power your headset receiver(s) ON and select the appropriate channel to listen with the Tune button.

7. Adjust the headset receiver volume to a comfortable listening level.

With this setup, any audio that is fed into the transmitter will be broadcast wirelessly to all headset receivers tuned to the same channel and that are within its operational range.



Note: The transmitter will power off if no input signal is detected after 5 minutes.



1/8" Microphone and Wire Not Included

FAQ / Troubleshooting

Why am I not hearing any sound from the headset receiver(s)?

- Make sure the headset receivers are tuned to the same channel as the transmitter.
- Double check volume levels at: Music source Any sound equipment connected to the transmitter Headset receiver(s)
- Double check the connections from the Music Source to the Audio Input.
- Ensure the internal batteries are fully charged for both the transmitter and headset.

How many receivers can work at once?
• There is no limit to the number of receivers that can be in one area.

Is there a pairing process to add additional headset receiver(s)?
• No, there is no pairing process other than selecting the appropriate channel with the TUNE button located on the headset receiver(s).

How far does the transmitter reach when on high and low settings?
• On the high setting, the operational range is approximately 300ft.
• On the low setting, the operational range is approximately 100ft.

What is the expected battery life for the headphones and for the transmitter when being used remotely?
• The headphones can run for about 8 hours continuously, and transmitter can run for about 5 hours continuously before needing to be charged.

- Please allow at least 6 hours of charging time.

SECTION B: HEADPHONE RECEIVER

◆What's in the box

Receiver Box

- 1 * Headphone receiver
- 1 * USB charging cable
- 1 * User Manual

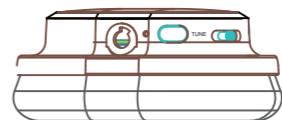
Features:

- Transmits audio signal about 300M, through walls, floors and ceilings.
- Active noise reduction system for crystal clear sound
- Advanced 40mm speaker for outstanding sound performance
- Double PLL system for ultimate frequency stability
- Big channel-indicating logo light, you can see the channel difference by logo color change
- Soft leatherette ear cushions and robust headband let you listen to your entertainment in extreme comfort, even during long hours of extended wear
- With Shock-Resistant, Robust Metal Headband
- Endless headphones can be used simultaneously with one transmitter
- Auto mute and automatic shut-off after 10 minutes of no signal detection, conserve battery life

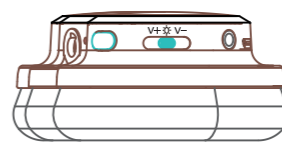
Operation:

1. POWER/TUNE: Hold the power button for ~3 seconds to turn the headphones on and off. Press the power button once to change the selected channel. The LED lights will change to display the currently selected channel.

Channel 1 – Red
Channel 2 – Green
Channel 3 – Blue



2. VOLUME/LED: Move the switch to the left to increase volume, move to the right to decrease volume. Press the switch in and hold for ~2 seconds to toggle the LED light mode. LED will toggle between always on and off.



◆SPECIFICATION

TRANSMITTER	
Modulation type	FM / UHF
Modulation Frequency offset	50KHZ / 600mVrms
Working Voltage	9V DC/3.7V DC(Li-ion)
Built-in Battery	1000mAh
Charging time	3-3.5H
Input I/O	3.5mm & RCA
Working Current	LOW: 200mA (TYP) ; HI: 450mA (TYP)
Transmit Frequency	US:923.8Mhz\924.5Mhz\925.6Mhz EU:863.3Mhz\863.9Mhz\864.9Mhz
Power	Low: 10dBm , High:29dBm
Antenna gain	5dB
Sensitivity	60mVp-p (TYP)

RECEIVER	
Modulation type	FM / UHF
System	UHF / RF
Working Voltage	3.7V DC
Working Current	75±5mA
Receive Frequency	US:923.8Mhz\924.5Mhz\925.6Mhz EU:863.3Mhz\863.9Mhz\864.9Mhz
Receive Sensitivity	10dBuVemf
Receive Response	60~15000HZ
Audio output Max.Power	≥2200mVp-p
Distortion	<2%
SNR	>60dB
Service time of Max. Audio output	≥8h
Voltage of charging	5V DC
Time of charging full	2~3h
Audio Mode	Stereo
Channel quantity	3 CH
Speaker	40mm
Frequency Response	20-15000Hz
Built-in Battery	600mAh

TA003 & TA004
RECEIVER & TRANSMITTER
User Manual

RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE



Before using this radio, read this guide which contains important operating instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulations.

This radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. RF energy, which when used improperly, can cause biological damage.

All Reteless radios are designed, manufactured, and tested to ensure they meet government-established RF exposure levels. In addition, manufacturers also recommend specific operating instructions to users of the radios. These instructions are important because they inform users about RF energy exposure and provide simple procedures on how to control it. Please refer to the following websites for more information on what RF energy exposure is and how to control your exposure to assure compliance with established RF exposure limits: <http://www.who.int/en/>

Local Government Regulations

When radios are used as a consequence of employment, the Local Government Regulations requires users to be fully aware of and able to control their exposure to meet occupational requirements. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your Reteless radio has a RF Exposure Product Label. Also, your Reteless user manual, or separate safety booklet includes information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

Radio License (if appropriate)

Governments keep the radios in classification, business radios operate on radio frequencies that are regulated by the local radio management departments (FCC, ISED, OFCOM, ANFR, BFTK, Bundesnetzagentur...). To transmit on these frequencies, you are required to have a license issued by them. The detailed classification and the use of your radios, please contact the local government radio management departments.

Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Unauthorized modification and adjustment

Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority granted by the local government radio management departments to operate this radio and should not be made. To comply with the corresponding requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services.

Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management departments equipment authorization for this radio could violate the rules.

FCC Requirements:

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.

•(If applicable) 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.

•(Simple EU declaration of conformity) Henan Eshow Electronic Commerce Co.,Ltd declares that the radio equipment type is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU and the ROHS Directive 2011/65/EU and the WEEE Directive 2012/19/EU; the full text of the EU declaration of conformity is available at the following internet address: www.reteless.com.

•Disposal

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.

IC Requirements:

Licence-exempt radio apparatus

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Information (if appropriate)

•DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for

use with this radio, and the antenna gain shall not exceed the specified gain by the manufacturer declared.

•DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.

•During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so.

•The device complies with RF specifications when the device used at 5mm from your body. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

•DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.

Avoid Choking Hazard



Small Parts. Not for children under 3 years.

Protect your hearing:



- Use the lowest volume necessary to do your job.
- Turn up the volume only if you are in noisy surroundings.
- Turn down the volume before adding headset or earpiece.
- Limit the amount of time you use headsets or earpieces at high volume.
- When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear
- Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss

Note: Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect.

Avoid Burns



Antennas
•Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with the skin when the radio is in use, a minor burn can result.

Batteries (If appropriate)

- When the conductive material such as jewelry, keys or chains touch exposed terminals of the batteries, may complete an electrical circuit (short circuit the battery) and become hot to cause bodily injury such as burns. Exercise care in handling any battery, particularly when placing it inside a pocket, purse or other container with metal objects
- Long transmission
- When the transceiver is used for long transmissions, the radiator and chassis will become hot.

Safety Operation



Forbid

- Do not use charger outdoors or in moist environments, use only in dry locations/conditions.
- Do not disassemble the charger, that may result in risk of electrical shock or fire.

•Do not operate the charger if it has been broken or damaged in any way.

•Do not place a portable radio in the area over an air bag or in the air bag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the air bag inflates.

To reduce risk

- Pull by the plug rather than the cord when disconnecting the charger.
- Unplug the charger from the AC outlet before attempting any maintenance or cleaning.
- Contact Reteless for assistance regarding repairs and service.
- The adapter shall be installed near the equipment and shall be easily accessible
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- Adapter shall be installed near the equipment and shall be easily accessible.
- The plug considered as disconnect device of adapter.
- The operating temperature of the EUT can't exceed the specified range.

Approved Accessories



This radio meets the RF exposure guidelines when used with the Reteless accessories supplied or designated for the product. Use of other accessories may not ensure compliance with the RF exposure guidelines and may violate regulations.
•For a list of Reteless-approved accessories for your radio model, visit the following website: <http://www.Reteless.com>

Guarantee

Model Number: _____

Serial Number: _____

Purchasing Date: _____

Dealer: _____ Telephone: _____

User's Name: _____ Telephone: _____

Country: _____ Address: _____

Post Code: _____ Email: _____

Remarks:

- 1.This guarantee card should be kept by the user, no replacement if lost.
 - 2.Most new products carry a two-year manufacturer's warranty from the date of purchase.
 - 3.The user can get warranty and after-sales service as below:
 - Contact the seller where you buy.
 - Products Repaired by Our Local Repair Center
 - 4.For warranty service, you will need to provide a receipt proof of purchase from the actual seller for verification
- Exclusions from Warranty Coverage:
- 1.To any product damaged by accident.
 - 2.In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs.
 - 3.If the serial number has been altered, defaced, or removed.

EU Importer:

Name: Germany Retevis Technology GmbH

Address: Uetzenacker 29,38176 wendeburg



Henan Eshow Electronic Commerce Co., Ltd
Add: 7/F, Sanjiang Building, No.170 Nanyang Road, Huji District,
Zhengzhou, Henan, China
Facebook: [facebook.com/Reteless.us](https://www.facebook.com/Reteless.us)
E-mail: support@reteless.com
Web: reteless.com



MADE IN CHINA