

User Instructions of Reteless Wireless Transmission System

Transmitter: TT103

1.ON/OFF operation:

- Turn on : Keep pressing the "M" button for 1 second to turn on.
- Turn off : Keep pressing the "M" button for 1 second to turn off.

2. The operation of mute function for transmitter:

When the transmitter is working, click the "M" button to mute(the antenna icon "📶" on the display screen will change to mute icon "📴"),and click again the "M" button restore the speak function.(the mute icon "📴" will change to antenna icon "📶")

3.Click one button to turn off all the receivers

Under the working condition, keep pressing the "M" button for about 5 seconds until the screen is flashing and the word "OFF" appears, and all the receivers will be forcibly turned off. (Note: Now you can click any button of the transmitter to quit or keep pressing the "M" button to turn off.)

4.The person in charge of the devices needs to know how to set the channel:

(1)Why and when need to set the channel:

1)When there are two or more groups using the devices at the same location, to avoid the interference between the groups, you need to set different channels for the devices (including both transmitters and receivers) of different groups.

2)When you need to add more receivers to a group, and the channel of these added receivers is not the same as that of the devices of the group, you need to set the channel of these added receivers to be the same as that of the group.(The channel of the transmitter and the receivers in a group must be the same, or the receivers cannot receive the signal from the transmitter)

(2)The ways of channel setting:

We have two ways to do this: Wireless channel setting and manual channel setting. (We will use wireless channel setting if we have to set the channel for many receivers; and we will use manual channel setting if we have to set the channel for only a few receivers.)

5.Wireless channel setting:

Under the working condition, keep pressing both "M" button and the "M" button at the same time until the channel number on the screen is flashing, then release both "M" button and the "M" button, now the transmitter has entered the channel setting mode, then you can click the "M" or "M" button to change the channel number: The channel number can be changed from 001 to 200, after you have chosen the channel number, keep pressing "M" button for about 3 seconds until the flashing antenna icon "📶" appears, then release the "M" button, now the transmitter has entered the wireless channel matching status, then you can put the receivers(the receivers have been turned on) closed to the transmitter(within 2 meters), and the receivers' channel will match the transmitter's channel(within 5 seconds) and become the same, now the channel matching is finished. Then you can click the transmitter's "M" button to quit the channel matching status, now if the transmitter speaks, the receivers can hear it.

6.Manual channel setting:

- Transmitter: Turn on the transmitter, keep pressing the "M" button and the "M" button at the same time and don't release them until the channel number is flashing, and then you can click the "M" button or the "M" button to choose the channel number you want. Then click the "M" button to confirm it.
- Receiver: Turn off the receiver, keep pressing the "+" button and the "0" button at the same time to turn on and don't release them until the channel number is flashing, and then you can click the "+" button or the "-" button to choose the channel number you want. Then click the "0" button to confirm it.

Receiver: TT104

1.ON/OFF operation:

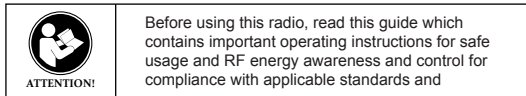
- Turn on : Keep pressing the "0" button for 1 second until the display screen lights up to turn on. After it turns on, if there's a transmitter with the same channel speaking nearby (within about 150 meters),it will hear what the transmitter says; If there's a transmitter at the status of channel matching nearby (within about 2 meters), its channel will match the transmitter's channel automatically and become the same.
- Turn off: Keep pressing the "0" button for 1 second to turn off (the display screen turns off too). You can also use the transmitter's function "Click one button to turn off all the receivers" to turn off the receiver.

2.Volume adjustment:

When the receiver is working, you can click or keep pressing the "+" or "-" button to adjust the volume.

Attention:

When the transmitters and receivers are not used for a long time,please charge them once every 3 months,so that the batteries can be protected. (There is lithium battery inside the device, if it was not used or charged for a long time,the battery would be damaged.)



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.

•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.

CE Requirements:

*(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.retekess.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

- 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 more 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 Retekeks 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.

Safety Operation



- This radio meets the RF exposure guidelines when used with the Retekeks 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 Retekeks-approved accessories for your radio model, visit the following website: <http://www.Retekess.com>

EU Importer:

Name: Germany Retevis Technology GmbH
Address: Uetzenacker 29,38176 wendenburg