

RETEKESS TW102 Window Speaker System User Guide

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TW102 Quick Start Guide

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instructions

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Product Description

- 1. Auto dual-way intercommunication without pressing any button
- 2. External speaker, slim fit design
- 3. Anti-interference and noise-free function
- 4. Dual-way audio record output
- 5. Ideal for the bank, securities, hospital, bus station, etc, where guard glass against theft is installed

Installation instructions

- 1. The host was placed on the table, with the staff. The outside speaker will be posted on the outside of the glass on the table, used by the client. Plug of outside speaker plugs into the wire hole of the host
- 2. Adapter into the AC power supply, AC plug into the host plug wire hole 3. Check that the plugs and jacks all

connected correctly, open the hosts on the power switch,

power indicator light 4. From low to high, gradually adjust the volume adjustment button one the host, so that inside

and outside the volume level appropriate

Troubleshooting

Silent

- The AC adapter is not plugged in or loose
- The 4-core connecting cable is not plugged in or loose
- Volume is not adjusted

Adjust the volume button ("I-v" and "O-v") on the host to loud"+"

Whistle

- Installation environment noise performance is poor, or too much other noise, you should make the distance larger between the host and the outside speaker or adjust the volume ("I-v" and "O-v") down
- If the volume knob to the minimum, the speaker volume is still very big, please adjust the microphone sensitivity knob ("I-v" or "O-v") at the bottom of the host

Staccato

- The spokesman from the microphone is too far away, it should be a little closer (less than the 20cm better)
- When one party to speak, the other to grab, then will be mutually exclusive
- Ambient noise is too strong, the corresponding speaker volume down, or require the speaker close to the microphone a little

Specifications

Power input12V /500mA main sound: 3W+3W

Microphone: -65db±2db 20Hz~16Hz Exterior size: 115*70*100 67*20

Warnings



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 Retekess 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 require 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 Retekess radio has an RF Exposure Product Label. Also, your Retekess 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. For 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:

License-exempt radio apparatus This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-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.

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 an 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 is used at 5mm from your body. Third-party belt clips, holsters, and similar accessories used by this device should not contain any metallic components. Bodyworn 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

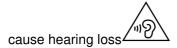


Small Parts. Not for children under 3 years.

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 a 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 care with the earphone may be possible excessive sound pressure from earphones and headphones can



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



• 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 another 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 chargers outdoors or in moist environments, use only in dry locations/ conditions.
- Do not disassemble the charger, which may result in a 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 airbag or in the airbag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the airbag 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 Retekess for assistance regarding repairs and service.
- The adapter shall be installed near the equipment and shall be easily accessible
- Risk of explosion if the 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 is considered as a disconnect device of the 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 Retekess accessories supplied or designated for the product. The use of other accessories may not ensure compliance with the RF exposure guidelines and may violate regulations.
- For a list of Retekess-approved accessories for your radio model, visit the following website: http://www.Retekess.com

Documents / Resources



Manuals+,