

Model:TR617/TR617B

Microphone Speaker User Manual



- ❶ Charging jack
- ❷ Microphone button
- ❸ FM transmitting button
- ❹ Turn on/off the speaker sound
- ❺ Play/Pause/Delete human singing sound
- ❻ Power switch ON/OFF
- ❼ Volume knob for microphone
- ❽ Volume knob for microphone echo sound
- ❾ Volume knob for MP3 music

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1. Product Feature

Welcome to use this product of our company! This product is with large 15W(TR617) / 20W (TR617B)output, which enables sound to be transferred and heard in large place. If the sound still not large enough for you in larger place, you can use the FM transmitting function of this product with some FM radio speakers together to make every corner can hear the sound, as long as the radio speakers' output and quantity are large enough. This product is suitable for using in many field such as singing, meeting, tour guiding, teaching and so on.

2. Operation Instruction of Each Interface

- (1) **DC5VIN**: DC 5V Charging jack;
- (2) : Microphone button, short press to turn off or turn on the microphone audio source. (When playing MP3 music through Bluetooth, suggest to turn off the microphone to make the sound more clear and pure);
- (3) **875/108** : FM transmitting button, short press this button to transmit FM 87.5MHz, while there will be one “Di” sound from the speaker, and red light on left of the power switch button will keep on. Hold press this button to change to transmit FM 108MHz, while there will be two “Di Di” sound from the speaker. Short press this button to cancel the transmitting function;

- battery and the symbol the product are in the same direction, do not install the battery oppositely. If not, may have risk to cause fire;
- (6) Do not take out the battery and charge it with other charging devices;
- (7) Do not throw this product into fire, may have risk to cause explosion;
- (8) Do not charge under unstable voltage or near the environment over 45 degrees Celsius;
- (9) Do not charge under humid environment or when nobody around;
- (10) When charging, please make sure there are no flammable objects around;
- (11) When charging, if the product smoke or overheat, please immediately cut off the power, and move the product to a safe place;
- (12) If not use this product for long time, suggest you to charge the battery every month, which can make sure the normal lifetime of battery.

6. Technical Parameters

- (1) Maximum output: 15W(TR617) / 20W (TR617B)
- (2) Mobile phone Bluetooth connection distance: about 10 meters
- (3) FM 87.5/108 transmitting distance: about 20 meters
- (4) Frequency response: 100HZ-18KHz

7. Packing Included

- (1) Microphone: 1Pcs
- (2) 2000MAH battery: 2Pcs
- (3) USB charging cable: 1Pcs
- (4) User manual: 1Pcs

- (4) : Short press to turn off or turn on the speaker sound. (When singing with connecting to car FM radio, suggest to turn off the speaker sound in case to cause whistle sound);
- (5) : Play/Pause/Delete human singing sound: When playing MP3 music, short press to pause or play the music; Hold press to delete human singing sound if you want to sing only with accompaniment sound, hold press one more time to cancel this function;
- (6) : Power switch ON/OFF, hold press for 2 seconds to turn on or turn off this product. When on, the button will be in blue flashing light;
- (7) :Volume knob for microphone, volume up to the big side;
- (8) :Volume knob for microphone echo sound, long echo sound to the big side;
- (9) :Volume knob for MP3 music, volume up to the big side.

3. Bluetooth

When turn on this product, the default mode is Bluetooth, at this time if open the Bluetooth of your mobile phone and search, you will see the Bluetooth name of this product and then click to pair. If successfully paired, there will be a hint tone of successful connection and the blue light will stop flashing , then the music in your mobile phone can be played through this product.

8. Frequent problems solutions

Problems	Solutions
Can not turn on this product	A. Please check whether the battery is installed oppositely;
	B. The battery maybe without power and you just need to charge it;
	C. When charging, the LED charging indicator is not light, meaning there is no electric current through, please check whether there is problem on the USB charging cable, charger or socket;
	D. Please check if the battery connection points are dirty, if yes, please take out the battery and clean the connection points with dry cloth.
The charging indicator turns green, but the playtime is short	A. The output voltage of the charger is not enough 5V or the electric current is small, please change to standard charger;
	B. the charging interface of the USB charging cable and this product or the output jack of the charger may loose, which lead to the failure to connect well;
	C. The battery maybe used for too long time and become aging, we suggest you to change to new battery which is with same standard as original battery.
Radio speakers can not receive FM signal or can not receive well	A. The transmitting FM frequency and receiving FM frequency do not match, please choose right FM frequency;
	B. Make sure the radio speaker can receive FM signal;
	C. The receiving distance may beyond effective distance, please use in effective distance;
	D. There may be obstacle between this product and the radio speakers. It will be better to use in some empty place.
There is big echo sound of microphone	A. It is easy to have echo sound when use in narrow place, can turn down little the microphone or echo volume to solve it.

4. FM transmitting

When sing or have a meeting in a large square or hall, the sound of the speaker maybe not large enough to be heard in the far place. At this situation, you can use the FM transmitting function of this product with some large output FM radio speakers together to make every corner can hear the sound. Detail operation is like this: Prepare some radio speakers with FM radio function, turn the FM radio frequency to 87.5MHz, and then turn on this product and short press button, while there will be one “Di” sound from the speaker, and red light on left of the power switch button will keep on, meaning this product is transmitting FM 87.5MHz. At this time, if the FM radio speakers are without “Sa Sa” sound, meaning the FM radio speakers and this product have been connected well with each other, and then the speaking sound of microphone or music sound can be transferred to the FM radio speakers. (1) If there is interference for frequency 87.5MHz, then hold press button to change to transmit to FM 108MHz, while there will be two “Di Di” sound from the speaker. Turn the FM radio frequency to 108MHz to connect to this product. If want to cancel the transmitting function, short press button, the red light on left of the power switch button will be off, meaning the transmitting function has been canceled.

*** The best FM receiving distance between the radio speaker and this product is within 20 meters. Then FM receiving distance depends much on the sensitivity of the radio speaker itself. If the distance is too far away, can add a wire on the radio antenna to increase the receiving distance.**

WARNINGS



Before using this Microphone, 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 Retekeess 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](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 Retekeess radio has a RF Exposure Product Label. Also, your Retekeess 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.retekeess.com.
•DisposalThe crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all unicipal waste. Dispose of them according to the laws in your area. 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 m
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 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 Retekeess 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 Retekeess 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 Retekeess-approved accessories for your radio model, visit the following website: <http://www.Retekeess.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.