



**CE FC RoHS**



**Henan Eshow Electronic Commerce Co., Ltd**

Add: 7/F, Sanjiang Building, No.170 Nanyang Road, Huiji District,  
Zhengzhou, Henan, China

Facebook: [facebook.com/RetekessRadio](https://www.facebook.com/RetekessRadio)

E-mail: [support@retekess.com](mailto:support@retekess.com)

Web: [www.retekess.com](http://www.retekess.com)



MADE IN CHINA

# **RETEKESS**

## **Amplifier Operation Manual**

### **PR16R**

## Product control diagram

- ① Antenna
- ② Recording key
- ③ Next song
- ④ Pause/play
- ⑤ Last song
- ⑥ Mode
- ⑦ Turn on / increase in volume
- ⑧ Turn off / turn off the volume
- ⑨ TF card jack
- ⑩ U disk socket
- ⑪ Charging port



## Description of FM Wireless microphone

1. First turn on the FM wireless microphone and set a frequency. The general recommendations are for frequencies such as 101.0, 108.0 and 87.5, and cannot overlap with the frequency of local stations.
2. Then turn on the megaphone host and press M to switch to radio mode.
3. Long press the play / pause button to allow the host to search the station automatically.
4. When the host is finished, press one or the next key and switch to the same frequency as the FM wireless microphone to begin amplifying.
5. Next time you turn on the microphone directly and turn on the loudspeaker host switch to radio mode. If you cannot connect it, you can repeat the 3.4 Steps. If the noise interference is serious, a transmission frequency can be reset on the wireless microphone, starting from step 1.

\* This page only applies to FM wireless machines, and does not mean that all machines have this feature.

## Method of use

1. Take out the main machine in the package, fasten the round hole on both sides of the back of the main machine with belt buckle, tie the main machine on the waist or hang on the shoulder through the belt, can adjust the belt to let the main machine be in the

suitable position between the waist.

2. Put the head on the head, adjust the microphone position, it is best to leave the mouth in front of the 1-2CM, the other end of the head microphone 3.5 plug into the mainframe microphone Jack;

## Operation mode

### 1. Sound Amplification

Turn the power on key to the "on" state. When you hear the sound of "ka", it means that the power supply has been turned on. At this time, it means that the machine can be used normally and inserted into the "microphone" socket caused by the standard microphone of the local machine. The system automatically, by default, is in the state of amplifying. Note: Under any function, press the "pause" button, and other functions will stop, and the amplifying effect will be even better. If you turn it to the maximum sound, the distance from the machine will be pulled away. It is recommended that the distance between head and mouth is about 1 cm.

### 2. Mode key (M)

This key has the function of mode switching. When there is a U disk or TF card, you can switch between the U disk / TF / FM / by pressing the long and short press mode key. When there is no U disk or TF card, the mode key can be received by pressing

the mode key. When playing music, long press the mode key about 2 seconds to realize the single loop and the whole cycle switch. When ONE appears on the screen, it is a single loop. When the screen appears ALL, it refers to all songs loop.

### 3. TF/ U disk playback

After correctly inserting TF card / U disk into TF card / U disk in accordance with the direction of fuselage identification, press M key to integrate into audio mode and play audio files in TF card / U disk normally.

### 4. FM radio

- 1) Slowly pull out the antenna.
- 2) Press M to switch to FM mode.
- 3) Long press the play button for more than 2 seconds, after watching the number on the screen changes, release hands, waiting for automatic platform search and save. When the number on the screen stops changing and starts playing FM, it means that the station is searched and saved.
- 4) Change the channel by pressing the last song or the next song. Note: The radio effect is directly related to the signal, if not ideal, please take it outdoor or besides window to test.

### 5. Charge

When the machine needs to charge, plug the smaller end of the standard USB charging line into the mirco USB charging port of the fuselage, and plug the larger end into the computer or USB port of the USB charger. The USB charge head is required to be 5V / L 500mA, and the recommended time for single charge is 4 to 6 hours.

Note: For the first time, the battery has a small amount of power, but in order to achieve the best results, it is recommended that the battery be fully charged before it can be used.

### 6. Last song (long click on the key when playing music to achieve fast retreat)

For last song, in U disk ATF card / FM status, short press this button to adjust the program you want, in FM state short press for the previous channel, external audio source key mode short press invalid.

### 7. The next song (the music can be played long by pressing the key to a quick retreat)

For next song, in U disk / TF / FM mode, short press this button to adjust the program you want. In FM state, short press to reach the next channel. In external source key mode, the short press is invalid.

### 8. One-key recording

Insert the wired microphone and insert the USB / TF card, and short press recording key to make record. After the recording is completed, short press the "recording" button, and the file will automatically be saved to the U disk / TF card, which is convenient and easy to operate.

### 9. Bluetooth function introduction

The Bluetooth name is RETEKESS. Press the M key of the host to switch to the Bluetooth mode. The display screen displays blue and flashes. At this time, you can search for Bluetooth devices on your mobile phone or other Bluetooth enabled devices, select APORO and click pairing connection. If the connection is successful, the display will no longer flash, and PAUS will be displayed.

## Product selling point

1. Digital display screen, easy to understand
2. One key recording function, easy to operate and fast
3. This product is a multifunctional portable loudspeaker with sound amplifying, digital music playing and radio function.
4. Imported high-power amplifier chip and advanced off-fidelity amplifier master control
5. Using high-power speakers, the sound effect is clear and loud, covering a wide range of transmission.
6. High capacity, high safety, environmental protection class A 18650 lithium battery.

## Data parameter

Output power	12W
Output impedance	2 $\Omega$
Charging voltage	DC 5V 1A
Use music time	6-10 Hours
Frequency response	50HZ-15000Hz
Working temperature	-10 $^{\circ}$ C -45 $^{\circ}$ C
Use of amplification time	12-18 Hours
Charging time	4-6 Hours

## Standard product distribution

Name	Quantity
Loudspeaker	1 pcs
Belt	1 pcs
USB power cord	1 pcs
Copy of manual / warranty card	1 pcs
Microphone	1 pcs

Remarks: TF card, U disk, USB charging head are optional accessories, can be purchased as needed.

## Matters needing attention

1. In order to achieve the best effect of microphone amplification, please place the head in front of the mouth at the front of the 1CM at the head of the pronunciation. If there is a howl, you can turn down the volume properly or the distance quotient between the machine and the head of the microphone is slightly removed to prevent interference.
2. Avoid frequent plugging of microphone socket so as to avoid loosening the socket and causing poor contact. You should not insert the words simply or incorrectly into the sound source.
3. In order to ensure the service life of lithium battery, it is suggested that recharging is

conducted after using up, because frequent charging will accelerate the aging of the battery chip, and the battery should be recharged every two months when it is not used for a long time.

4. Because the horn magnetic effect is strong, do not put the machine and the bank card and other magnetic things together, lest cause the loss of magnetism and cause unnecessary trouble.
5. All the accessories of this product are designed according to the requirements of the machine. If we need to replace the accessories, we can use the original parts to achieve the best working condition.
  - There is a risk of explosion if the battery is not replaced properly, and only the same type or equivalent type of battery can be used to replace the battery.
  - The operating environment of the machine is  $-10\text{ }^{\circ}\text{C}$   $-45\text{ }^{\circ}\text{C}$ , and the battery (battery pack or combination battery) shall not be exposed to such conditions as sunlight, fire or similar overheating.
  - Batteries are polluting, please dispose of end-of-life batteries and machines properly

### Self-solving of frequently asked questions

1. Switch on, amplifiers have no sound
  - A. The screen lights are not on, the power supply is out of power, charge to solve it
  - B. Screen lights on, whether the microphone is plugged in the wrong position.

2. The loudspeaker has a distinct howl
  - A. Make sure you wear a microphone and point the mark at the corner of your mouth.
  - B. When the space becomes small, you should lower the voice appropriately in order to reduce the howling in reverberation.

### Guarantee

#### 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. Further details, pls read <http://www.retevis.com/after-sale/>
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.

## Guarantee

Model Number:	
Serial Number:	
Purchasing Date:	
Dealer:	
Telephone:	
User's Name:	
Telephone:	
Country:	
Address:	
Post Code:	
Email:	

## Warnings



ATTENTION!

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.

### Local Government Regulations

When the 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 user manual, or separate safety booklet includes information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

### Compliance with RF Exposure Standards (If appropriate, Reference to the actual product's Safety Marking)

Your Reteless radio is designed and tested to comply with a number of national and International standards and guidelines (listed below) for human exposure to radio frequency electro-magnetic energy.

## **FCC ID**

The FCC ID means: This radio complies with the IEEE (FCC) and ICNIRP exposure limits for occupational/controlled RF exposure environments at operating duty factors of up to 50% talk-50% listen and is approved for occupational use only.

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.

Warning: 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.

## **CE**

The CE marking means: Hereby, Henan Eshow Electronic Commerce Co.,Ltd. declares that the radio equipment type is in compliance with the 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.tivdio.com](http://www.tivdio.com)

## **IC ID**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- This device may not cause interference, and
- This device must accept any interference, including interference that may cause undesired operation of the device.

In terms of measuring RF energy for compliance with these exposure guidelines, your radio generates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.



## Avoid Choking Hazard



Small Parts. Not for children under 3 years.

## Protect your hearing



**WARNING**

- 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.

## Turn off your radio power in the following conditions:



**WARNING**

- Turn off your radio before removing (installing) a battery or accessory or when charging obattery.
- Turn off your radio when you are in a potentially hazardous environments: Near electrical blasting caps, in a blasting area, in explosive atmospheres (inflammable gas, dust particles, metallic powders, grain powders, etc.).
- Turn off your radio while taking on fuel or while parked at gasoline

service stations.

## To avoid electromagnetic interference and/or compatibility conflicts

- Turn off your radio in any facility where posted notices instruct you to do so, hospitals or health care facilities (Pacemakers, Hearing Aids and Other Medical Devices) may be using that is sensitive to external RF energy.
- Turn off your radio when on board an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

## Avoid Burns



**WARNING**

### 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 (If appropriate)

- When the transceiver is used for long transmissions, the radiator and chassis will become hot.

### Safety Operation



**WARNING**

#### 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.

EU Importer:  
Name: Germany Retevis Technology GmbH  
Address: Uetzenacker 29,38176 wendeburg