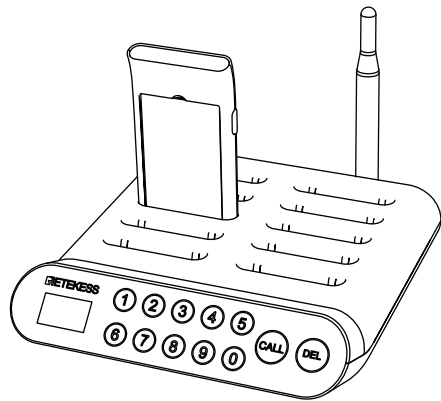


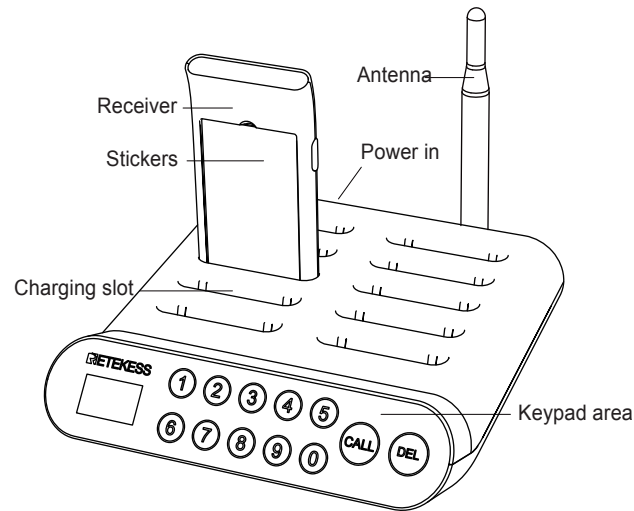


Queue Wireless Calling System User Manual

T116A



The diagram of transmitting host

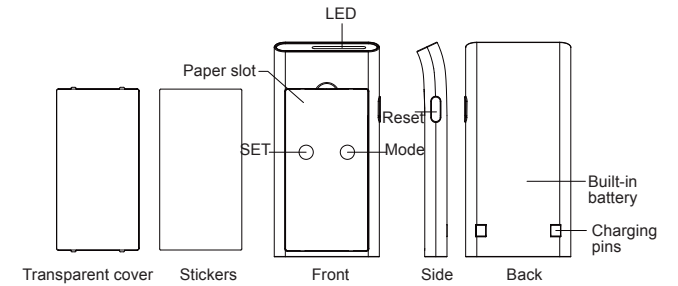


Product introduction

Thanks for using our company's wireless calling system, it adopts RF wireless technology . The system consists of 1 transmitting host and 10 portable receivers, the receiver supports 998-channel extensions, the transmitting host has 10 battery charging slots. Each receiver is rechargeable and labeled with a number, in standby status, it is plugged into the charging slots, while the guest places an order, he/she will be dispatched one receiver with a number, when the order is ready, the waiter will press the keypad to call the number, the guest will get it through the buzzer/vibration/LED indications.

The queue system greatly improves the work efficiency and avoid the guest waiting in a long queue. It is widely used in fast food restaurant, church, dessert shop, auto 4S shop, food truck or other queue occasions.

The diagram of the receiver



Technical data

Receiver	
Working voltage	DC 3.7V (Rechargeable battery)
Working frequency	433MHz
Standby current	10mA
Standby Time	≈20 Hour
Receive sensitivity	-110 dBm
Battery capacity	300mAh
Decoder	Learning code (AM)
Dimmension	106*52*11mm
Transmitting host	
Power input	DC 12V/1A
working frequency	433MHz
Transmit Power	360mW
Encoder	Learning code (AM)
Dimmension	180*160*35mm

Packing List

Name	Quantity
Transmitting host	1 pc
Antenna	1 pc
Receiver	10 pcs
Power adaptor	1 pc
User manual	1 pc
Stickers	10pcs
Transparent cover	10pcs

Operation instruction

1. Open the package, connect the mainframe power on, and perform the self-test procedure.
2. When the guest placed an order, the service staff give him or her a receiver and write down the number.
3. While the order is ready, the waiter press keypad to call the guest (number), the corresponding receiver gets the information and prompts vibration/buzzer/light for 30 sec, remind the guest to get the order.
4. At last, the guest returns the receiver to the waiter and the service is completed.

Function Description

1. Connected to the power supply through the power adapter, the host digital screen displays "000", inserts the receiver into the charging slot of the host, the receiver automatically turns on and charges, and the red light of the receiver indicator is always on.
2. After the receiver is fully charged, the indicator light will be turned to Green from Red.
3. After the receiver is taken out, the receiver enters the waiting call state, the indicator light shows blue and flashes once every 3s.
4. When the host calls, the receiver receives the call information. Alert by vibrating, buzzing and blue lights flashing every 0.5s.
5. The receiver reminding time is 30 sec. The guest can short press the side button of the receiver to close the reminder, or insert the host charging slot to close the reminder.
6. The receiver in the charging process, when the host call, the blue light of reception indicator flashes every 0.5 sec for a reminder.
7. When the power of the receiver is low, the red light of the indicator is flicker once every 1sec.
8. When the receiver is inserted into the host charging slot, press 999 on the keypad call button and then press the call key, the receiver in all the charging slots can be turned off at the same time.

Note: the host must be paired with the receiver before it can operate properly.

Pairing method

1. Set the host ID: to press the [CALL] key and the [DEL] key at the same time until [F1] is displayed on the host screen, and then press the [CALL] key to enter the setting mode. After entering the new number "001-999" from the

- keyboard, Press [CALL] to save and press [DEL] to exit.
2. Pairing - The receiver is in standby state, short press the "Set" button, the blue indicator light of the receiver is laways on, then press the call number on the keypad, the receiver gets the signal and blue indicator light turns off and accompanied by buzz and vibration reminding. It means pair success.
 3. Deleting - The receiver is in standby state, press and hold on the "Set" button for 3 sec, the receiving indicator light goes from blue to extinguish, then release the button, Successfully deleted paired call.
Note: after changing the host ID, the receiver must be repaired.

Reminder mode switching

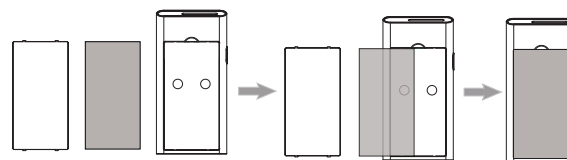
The receiver is in the standby state, short press the mode button on the receiver to change the reminder mode. There are five kinds of modes, the default is the vibration, buzzing, and LED lights, the other four are Vibration and buzz; Vibration; Vibration and lamplight; Buzz and lamplight.

Five mode cycle switching, when switching to the corresponding mode, the receiver shall receive remind with the corresponding mode for 5s.

Change Stickers

Take out the transparent cover in the front of the receiver, then put a Sticker inside the paper slot, and then put back the cover.

Note: when you need to pair or switch reminder mode, take out the cover and paper firstly.



Precautions

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 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

Precautions

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 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. 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.

Precautions

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 care 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.

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 replament 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



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.Retekess.com>.



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EU Importer: Germany Retevis Technology GmbH

Address: Uetzenacker 29,38176 wendeburg

Facebook: [ffacebook.com/Retekess.ru](https://www.facebook.com/Retekess.ru)

E-mail: support@retekess.com.ru

Web: retekess.com.ru



MADE IN CHINA