RETEKESS

TD124
Wireless Calling Receiver
User Manual

Summary

Thanks for choosing this wireless calling receiver.The receiver host adopts RF wireless and learning code technology.It can easily pair up to 999 channels of wireless calling transmitters and 10 manager remote controller.The receiver host uses advanced industrial mlcro processor and high sensitivity superheterodyne receiving technology which make the products very stable.

At same time,the wireless calling receiver host has advanced number speaker function,it can clearly read the number ,function and so on and compatlbly for different working mode,suitable for different places.

The wireless calling system has millions of different code which can be paired easily and freely.And it widely used in restaurant, café,bar,tea shop,KTV,bank,office,factory,hotel,hospital and so on.

Technical data

Woking frequency:433MHz
Woking voltage:DC12/2A
Woking current: ＜650mA
Standby current: ＜200mA
Sensitivity:-110dBm

Button Function

UP/DOWN: Up / down move function
SET：Long press and hold "SET" button 3 seconds to enter main setting menu，short press "SET" button to enter submenu or confirmation. If there is no operation for more than 1 minute, the system will automatically return to the standby interface.
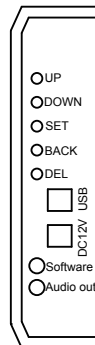BACK：Return or exit.
DEL：Delete settings or call information.
USB：Connect the interface with the computer when using the host computer software
DC12V：Power input.
Software: Reserved function extension, which is not defined for the time being.
Audio out：Audio output.

SYSTEM SETTING

1.F01: Number Registration
•Add transmitter
Long press and hold "SET" button 3seconds to enter main setting menu, then press "UP/DOWN" button to select menu F01, short press "SET" button to enter F01 submenu, the display shows "001", then trigger the transmitter to program it to be Number 1 transmitter (after program, the number will be increased by 1 automatically, which can only be realized on an individual bit, and must be manually adjusted on 10 or 100 digits.). The speaker will sound "successfully registration". Short press "BACK" button to previous menu or press "BACK" button twice to exit to standby.
Note: When a number has been learned, it flashes and other transmitters can no longer learn unless short press "DEL" button to delete the number.
If a number is not learned, it is always on and does not flash.
•Delete a transmitter separately
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F01, short press "SET" button to enter F01 submenu, the display shows "001", press "UP/DOWN" button to select one of the number which want to delete, then press "DEL" button at the right side of the display receiver. If the number was programmed, the number will flicker; If the number was not programmed before, the number would not flicker. After delete the number, it would not flicker and sounds "Delete Successfully".
To delete all transmitters quickly, please use F08 restore factory default (submenu 1 or 2).

2.F02: Remote Control Registration
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F02, short press "SET" button to enter F02 submenu, the display shows "0" (Default), then press relevant remote control,
The speaker will sound "successfully registration". After program Manager Remote Control, the user can use programmed remote control to setup the display receiver remotely.
Note:Support up to 10 management remote controls

3.F03: Prompt Music
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F03, short press "SET" button to enter F03 submenu, the display shows "1" (Default), then press "UP/DOWN" to select prompt music mode, and then short press "SET" button to confirm:
0: Speaking Number only
1: Ding-Dong + Speaking Number (Default);
2: Airport Broadcast Voice only;
3: Mute (no voice) ;
After program, press "BACK" button to previous menu or press "BACK" button twice to exit to standby.

4.F04: Volume
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F04, short press "SET" button to enter F04 submenu, the display shows "6" (Default), then press "UP/DOWN" to setup relevant volume from 1 (lowest) to 6 (highest). Short press "SET" button to confirm. After program, press "BACK" button to previous menu or press "BACK" button twice to exit to standby.

5.F05: Delete Time Setting
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F05, short press "SET" button to enter F05 submenu, the display shows "000" (Default don't delete), 000-999 seconds, then press "UP/DOWN" to setup relevant seconds to automatic delete calling history (short press UP/DOWN once to add/reduce 10 seconds). Short press "SET" button to confirm. After program, press "BACK" button to previous menu or press "BACK" button twice to exit to standby.

6.F06: Key Switch
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F06, short press "SET" button to enter F06 submenu, the display shows "00" (Default), then press "UP/DOWN" to choose relevant key value and then press relevant key on the transmitter. After program, press "BACK" button to previous menu or press "BACK" button twice to exit to standby.

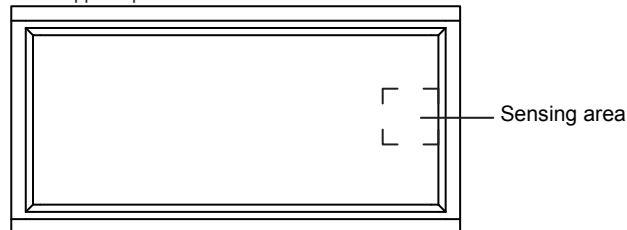| 00	Order	01	Call	02	Check Out
03	Cancel	04	Bill	05	Pay
06	Service	07	Water	08	Coffee
09	Beer	10	Satisfaction	11	Dissatisfaction
12	Emergency	13	Doctor	14	Nurse
15	Change Medication	16	Pulling Needle		

Note: Before switch keys value of transmitter, please add relevant transmitter at first.

7.F07: RFID Registration
•Add RFID Card
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F07, short press "SET" button to enter F07 submenu, the display shows "01" (Default), then press "SET" button at the right side of the screen and after prompt voice "Swipe RFID Card" , put RFID card to sweep the middle of right side of the screen.
The speaker will sound "successfully registration" to confirm registered successfully. After program, the number will be increased by 1 automatically. If need to continue to program No.2 RFID, when the display shows "02", press "SET" button and then put another RFID card to sweep the middle of right side of the screen. The speaker will sound "successfully registration" to confirm registered successfully. After program, press "BACK" button to previous menu or press "BACK" button twice to exit to standby.
Note:Support up to 99 RFID Card.

Sensing area

•Delete a RFID card separately
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F07, short press "SET" button to enter F07 submenu, press "UP/DOWN" button to select one of the number which want to delete, then press "DEL" button at the right side of the screen. If the number was programmed, the number will flicker; If the number was not programmed before, the number would not flicker. After delete the number, it would not flicker and sounds "Delete Successfully".
To delete all RFID card quickly, please use F08 restore factory default (submenu 1 or 2).

8.F08: Restore Factory Default
Long press and hold "SET" button 3 seconds to enter main setting menu, then press "UP/DOWN" button to select menu F08, short press "SET" button to enter F08 submenu, the display shows "0" (Default), then press "UP/DOWN" to choose 0, 1 or 2 and then short press "SET" button to confirm restore factory default.
0: restore factory default but not delete transmitter and RFID Card;
1: restore factory default also delete all transmitters and RFID Card (but does not delete manager remote control);
2: restore factory default also delete all transmitters,RFID Card and manager remote control together.

Packing list

Name	Quantity
Receiver host	1 pc
Power adaptor	1 pc
User manul	1 pc
Remote controller	1 pc
Data line	1 pc

WARNINGS
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 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 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 Retekess radio has a 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. 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 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 becomehot 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 Retekess 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 Retekess 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 Retekess-approved accessories for your radio model, visit the following website: http://www.Retekess.com.

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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 result of unauthorized alterations or repairs.
3.If the serial number has been altered, defaced, or removed.

CE FC RoHS

Henan Eshow Electronic Commerce Co., Ltd
Add: 7/F, Sanjiang Building, No.170 Nanyang Road, Huiji District,
      Zhengzhou, Henan, China
EU Importer: Germany Retevis Technology GmbH
Address: Uetzenacker 29,38176 wendeburg
Facebook: facebook.com/Retekess.ru
E-mail: support@retekess.com.ru
Web: retekess.com.ru

MADE IN CHINA

说明书要求

尺寸：148*210mm

印刷：
　　黑白印刷

装订：
　　折页

纸张材质：
　　双胶纸

本页无需印刷