T128

WATCH WIRELESS CALLING RECEIVER

USER MANUAL

Watch wireless calling receiver

I Preface

The product concentrates the technology of wireless transportation, digital identify, dot matrix LCD display and microprocessor together to realize the functions of time display and wireless calling. The product uses removable rechargeable battery with long standby time and safe charging circuit.

The fashionable watch design makes it widely used in restaurants, bars, cafes, hospitals, hotels, and factories and so on.
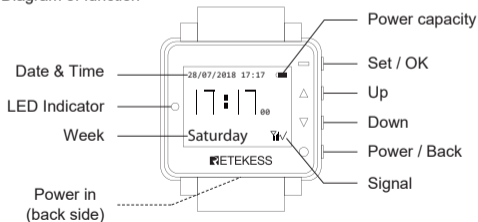
II Feature

• RF wireless technology
• Fashionable watch design
• Dot matrix LCD screen
• Up to 999 channels
• Call button data pin support for custom
• Call button words selectable
• Single or list display mode
• Accurate time display
• Vibration/Buzzer prompt
• Low-power indication
• Built-in removable rechargeable battery

III Technical Data

1) Working voltage: DC3.7V rechargeable Li-poly battery
2) Working frequency: 433.92MHz
3) Working current: 57mA±10mA (buzzer mode)
                    95mA±10mA (vibration mode)
4) Standby current: <8mA
5) Power-off current: 180±5μA
6) Receiving sensitivity: -108dBm
7) Decoding: learning code
8) Modulation: AM

IV Diagram

1. Diagram of function

Date & Time
LED Indicator
Week
Power in (back side)

Power capacity
Set / OK
Up
Down
Power / Back
Signal

28/07/2018 17:17

Saturday

RETEKESS

V operation

- ▭ Setting key, confirm key, choose bit key
- △▽ Increase or decrease number; check up and down history call
- ○ Exit setting; cancel key (can cancel call number from screen)

1 Add caller

1. Press " ▭ " key showing "add caller "
2. Press " ▭ " key to confirm , showing "add 0001 ID"
3. Press " △▽ " key and " ○ " key to choose number you need.
" △▽ " key use for adjusting the number you need in setting state. Use
" △▽ " key can choose from "0-9" and "A-Z". " ▭ " key is use for
selecting the bit in setting
4. Press any key on the transmitter till you hear a di sound and "done"
words show in screen. While number will goes to next one. For example,
choose "0001", and press call key from button. When saving is
successfully; the receiver will have di sounds and "done" words show in
screen. Number will show 0002. You can go on press button to save next
number, till all number save.
5. When all finished, press " ○ " to exit the setting state.

2 Delete caller

1. Press " ▭ " showing "add caller "
2. Press " ▽ " key to choose " delete caller"
3. Press " ▭ " to confirm, showing " delete single" and "delete all"
4. Press " △▽ " to choose delete single or delete all
5. If choose "delete dingle" press " ▭ " to confirm, screen show 0000.
You can choose the number you want to delete and long press " ▭ " till

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screen show removed. It means you have been deleted this number.

6. If choose "delete all" pls long press " ⊡ " till screen show removing all and removed .it means you have been delete all number.

7. When all finished, press " ○ " to exit the setting state.

3 Key function

4 Work mode (According to keys of button to choose what's mode need.)

1. Press " ⊡ " key showing "add caller "

2. Press " ▽ " key to choose " word mode "

3. Press " ⊡ " to confirm, screen show "single key" and "mulit-key"

4. Choose the one you need and Press " ⊡ " to confirm.

5. When all finished, press " ○ " to exit the setting state.

5 Display Mode

1. Press " ⊡ " key showing "add caller "

2. Press " ▽ " key to choose " display mode "

3. Press " ⊡ " to confirm, screen show " live view" "queue view"

4. Choose the one you need Press " ⊡ " to confirm. "live view" means, when No.1 No.2 No.3 call in turn, screen is show 0003 0002 0001. Newest call number show on the top

of screen. "queue view" means, when No.1 No.2 No.3 call in turn, screen is show 0001 0002 0003. Oldest call number show on the top of screen.

5. When all finished, press " ○ " to exit the setting state.

6 Prompt mode

1. Press " ⊡ " key showing "add caller"

2. Press " ▽ " key to choose "prompt mode "

4

3. Press " �='" to confirm, screen show "light vibration sound"

4. Choose the prompt mode you need and Press " �='" to confirm

6. When all finished, press " ○ " to exit the setting state.

7 Prompt timing

1. Press " �='" key showing "add caller"

2. Press " ▽ " key to choose "prompt timing". It can choose from 01-99 seconds.

3. Choose the time you need, and press " �='" to confirm.

4. When all finished, press " ○ " to exit the setting state.

8 Remove timing

1. Press " �='" key showing "add caller"

2. Press " ▽ " key to choose "remove timing"

3. Press " �='" to confirm, can choose from 00-99. 00 means cycle mode, all number will keep in screen, until cancelled by yourself. For 01-99 means, how long call number will disappear automatic.

4. Choose the number you need. Press " �='" key to confirm

5. When all finished, press " ○ " to exit the setting state.

9 Cycle timing

1. Press " �='" key showing "add caller"

2. Press " ▽ " key to choose "cycle timing"

3. Press " �='" to confirm, can choose from 00-99. For example, if you choose 10 seconds. It means each 10 seconds number will cycle one time.

4. Choose the number you need. Press "Press " �='" key to confirm

5. When all finished, press " ○ " to exit the setting state.

10 Date &Time

1. Press " ⌐ " key showing "add caller"

2. Press " ▽ " key to choose "date & time"

3. Press " ⌐ " to confirm. You will see current time (hours; minutes; seconds and DD/MM/YY). " △▽ " they can adjust number. " ⌐ " it can let your choose from hours to minutes to seconds and to day to month to year.

4. Choose the date & time you need and press " ○ " to exit the setting state. Then you will see screen show the time just now you choose.

11 keyboard set

12 Language

13 factory reset

1. Press " ⌐ " key showing "add caller"

2. Press " ▽ " key to choose "factory reset"

3. Press " ⌐ " to confirm, screen show confirm reset? yes/no

4. Choose Yes and Long Press " ⌐ " to confirm till screen show factory resetting.

5. When all finished, press " ○ " to exit the setting state.

VIII Packing List

1) Watch receiver 1pc
2) USB cable 1pc
3) User manual 1pc

VII FAQ

Problem	Analysis	Solution
LCD has no display	Check the bat voltage; Check the screen cable	Charge the battery; Change the screen cable
Some call button has less distance	Battery of call button is close to empty	Change the battery of call buttons
The watch receiver cannot be charged	Check power adapter; The battery is broken	Change power adapter; Change the battery
Call buttons cannot be paired	The frequency is not same or OSC resistor is correct.	Change the correct frequency and OSC resistor.

WARNINGS

RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE

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.

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

⚠️ **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.
- 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

⚠️ **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

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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

⚠️ **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 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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EU Importer：
Name：Germany Retevis Technology GmbH
Address：Uetzenacker 29,38176 wendeburg
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Warranty Card

Product model: _____ Date of purchase: _____

Serial Number: _____

Seller: _____ contact number: _____

Username: _____ contact number: _____

Address: _____

Zip code : _____

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.

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