

# T128

## Watch Receiver

## User Manual



## **Preface**

Thank you for choosing the Reteless T128 Watch Receiver! This unit integrates wireless transmission technology, digital recognizer, dot matrix LCD display and microprocessor to realize time display and wireless calling functions. The pager with removable rechargeable batteries, has a long standby time and safe charging circuit.

The watch receiver is widely used in restaurants, bars, cafes, hospitals, hotels, factories etc.

## **Key Features**

RF wireless technology

Dot matrix LCD screen

Up to 500 channels

Call button words selectable

Accurate time display

Vibration/Buzzer prompt mode

Low-power indication

Built-in removable rechargeable battery

## **Specifications**

Working voltage: DC3.7V rechargeable lithium battery

Working frequency: 433.92MHz

Working current: 40mA±10mA (vibration and buzzer mode)

Standby current: <12mA

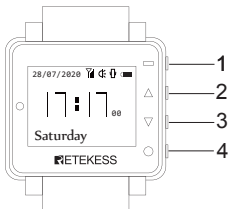
Power-off current: 30μA

Receiving sensitivity: -109dBm

Decoding: learning code

Modulation: AM

# Location and Controls

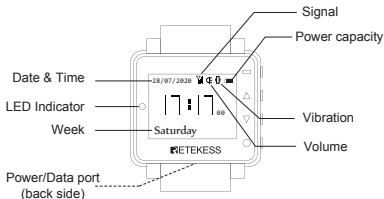


1. Menu/OK button, long press the button for about 2 seconds to enter the main menu interface or short press to enter the next submenu.
2. UP button, short press to move up the menu or increase the parameter value.
3. Down button, short press the button to move down the menu or decrease the parameter value.
4. Power/Exit/Back button, long press the button for about 2 seconds to exit the menu or short press to return to the previous menu.

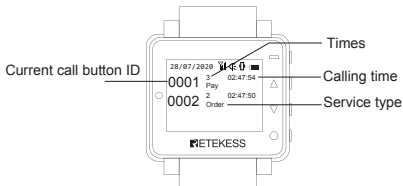
**NOTE:** Long press the Power/Exit/Back button (4) for about 3 seconds to turn on the watch receiver.

# LCD Display Instruction

## 1. Standby Status



## 2. Call Status



Display content: Current call button ID, Calling time, Times and Service type.

Check call information: Press UP/DOWN button to check the call history.

Cancel calling information: Select the call information you want to remove, press the OK or Exit button to remove the information from the displayed list.

The call information could be removed by pressing the cancel key of the corresponding call button if it has.

## **Power On**

Press Power button for about 3s to turn on the watch receiver.

## **Operating Instructions**

### **·Add Caller**

1. Press Menu button for 2s to enter Menu list and select Add Caller.
2. Press Menu button to enter the sub-menu, it shows ID:0001 on the display.
3. Press Menu button to move the cursor position, the first letter indicate the Area Value. It could be selected from 0 to 9, A to Z. And the other 3 letters indicates the ID number, they could be set from 0 to 9. Press Up/Down buttons to choose the ID number to be registered.
4. Press any key on the call button till you see SUCCESS shows on the display. Then the ID number will automatically go to the next one .

e.g, choose "0001", and press call key from call button. After successful registration, the number will automatically show "0002". Then you can register the next call button. Repeated registration of the same call button will appear "DONE" on the display since only one number can be registered per call button.

5. Press Exit/Back button one time to return to Menu list, press Exit/Back button again, back to standby mode. The registration is finished.

### •Delete Caller

1. Press Menu button for 2s to enter Menu list.
2. Press Down button to choose Delete Caller.
3. Press Menu to enter the sub-menu, "Delete Single" and "Delete All" shows on the display.
4. Press Up/Down button to choose delete single or delete all.
5. If choose "Delete Single", press Menu button to enter sub-menu, it shows 0000 on the display.
6. Press Menu button to move the cursor position, and press Up/Down buttons to choose the ID number to be deleted.
7. Long press the Menu button for about 2s, it shows Success on the display.
8. If choose "Delete All" press Menu button to enter sub-menu, it shows "Yes" and "No" on the display.
9. Press Up/Down buttons to choose "Yes", then short press Menu button to confirm.
10. Press Exit/Back button 1 time to return to Menu list, press Exit/Back button again, back to standby mode.

## •Key Function

Set Areas and Service Types according to the needs.

## •Area Setting

Set the service type corresponding to each key on the call button in each area. (The first letter of the registered ID indicates the area value)

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Key Function.
2. Press Menu to enter the sub-menu, "Area Setting" and "Type Setting" shows on the display.
3. Press Up/Down button to select Area Setting, short press Menu button to confirm.
4. Select the Area Value which you need to change the Service Type and press Menu to confirm.
5. Press Up/Down button to select the Service Type to be set (40 types available), press the corresponding key on the call button, it shows SUCCESS on the display.
6. Press Exit/Back button 4 times, back to standby mode, the setting is finished.

Note: If you have set the service type of Area 0, and need to set all other Areas use the same service type, choose Copy 0 to All, press Menu to enter sub-menu, then select Yes and press Menu to confirm will be OK.

## •Type Setting

If none of the 40 preset service types are what you want, you could use this function to modify the service type according to the following instruction.

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Key Function.

2. Press Menu to enter the sub-menu, "Area Setting" and "Type Setting" shows on the display.
3. Press Up/Down buttons to select Type Setting, then press Menu button to confirm.
4. Press Up/Down buttons to select the service type to be modified, press Menu button to confirm.
5. Press Menu button to move the cursor position (up to 12 characters), and press Up/Down buttons to choose the character to be set (the characters could be 0-9, and A-Z).
6. Press Exit/Back button 4 times, back to standby mode, the modification is finished.

#### **•Work mode**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Work Mode.
2. Press Menu to enter the sub-menu, "Single Key" (allow each key on the call button to be paired with different watch receivers separately ) and "Multi-key" (the multi-key call button only needs to be paired with the same watch receiver once, then the watch receiver can receive all calls from any key on this call button) shows on the display.
3. Press Up/Down buttons to select the work mode, then short press Menu button to confirm.
4. Press Exit/Back button twice, back to standby mode, the setting is finished.

#### **•Sequence Mode**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Sequence Mode.



2. Press Menu to enter the sub-menu, "Live View" (the latest call information is displayed at the top of the list) and "Queue View" (the first received call information is displayed at the top of the list) shows on the display.
3. Press Up/Down buttons to select the sequence mode, then short press Menu button to confirm.
4. Press Exit/Back button twice, back to standby mode, the setting is finished.

#### **•Prompt Time Setting**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Prompt Time.
2. Press Menu to enter the sub-menu, "Duration" and details time in second shows on the display.
3. Press Up/Down button to increase or decrease the prompt time (0 to 30s), after select the desired value, press Menu button to confirm.
4. Press Exit/Back button twice, back to standby mode, the prompt time setting is finished.

#### **•Remove Time Setting**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Remove Time.
2. Press Menu to enter the sub-menu, the details time shows on the display.
3. Press Up/Down button to increase or decrease the remove time (0 to 30s), after select the desired value, press Menu button to confirm.
4. Press Exit/Back button twice, back to standby mode, the remove time setting is finished.

Note: The default setting is 0, it means none of the call information will be removed automatically. If you set it to other values, the call information will be removed automatically from the call information list after the specific time.

### **•Cycle Time Setting**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Cycle Time.
2. Press Menu to enter the sub-menu, the details time shows on the display.
3. Press Up/Down button to increase or decrease the cycle time (0 to 30s), after select the desired value, press Menu button to confirm.
4. Press Exit/Back button twice, back to standby mode, the cycle time setting is finished.

This is the switching time of the call information page when there are more than 3 calls from different call buttons.

### **•Date &Time Setting**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Date&Time.
2. Press Menu to enter the sub-menu, the date and time shows on the display.
3. Press Menu button to move the cursor position (month/day/year, hour/minute/second), and press Up/Down buttons to choose the desired number.
4. Press Exit/Back button twice, back to standby mode, the date and time setting is finished.

### **•Date Format Setting**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Date Format.
2. Press Menu to enter the sub-menu.
3. Press Up/Down to select the format from 1 to 5, then short press Menu to confirm.
4. Press Exit/Back button twice, back to standby mode, the date format setting is finished.

### **•Brightness Level Setting**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Brightness.
2. Press Menu to enter the sub-menu.
3. Press Up/Down to select the brightness level from 0 to 5, then short press Menu to confirm.
4. Press Exit/Back button twice, back to standby mode, the brightness setting is finished.

### **•Volume Setting**

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Volume.
2. Press Menu to enter the sub-menu.
3. Press Up/Down to select the volume level from 0 to 5, then short press Menu to confirm.
4. Press Exit/Back button twice, back to standby mode, the volume setting is finished.

Note: 0 level means turn off the volume.

### •Vibration Setting

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Vibration.
2. Press Menu to enter the sub-menu.
3. Press Up/Down to select the vibration level from 0 to 4, then short press Menu to confirm.
4. Press Exit/Back button twice, back to standby mode, the vibration setting is finished.

Note: 0 level means turn off the vibration.

### •Language Setting

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Language.
2. Press Menu to enter the sub-menu.
3. Press Up/Down to select the language you need (EN/CH/FR/DE/ES/IT/PT/RU). Then short press Menu to confirm.
4. Press Exit/Back button twice, back to standby mode, the language setting is finished.

### •About

It shows the software version and compilation date of this product.

### •Factory Reset

1. Press Menu button for 2s to enter Menu list and press Up/Down button to select Factory Reset.
2. Press Menu to enter the sub-menu.
3. Press Up/Down button to select Yes, then short press Menu button to confirm.

It will automatically return to standby mode after restoring to factory settings.

### **•Signal**

- 1.Press Exit/Back button for 2s to enter Menu list and press Up/Down button to select Signal.
- 2.Press Menu button to enter the sub-menu.
- 3.Press Up/Down buttons to select ON or Off.
- 4.Press Exit/Back button twice, back to standby mode.

### **•Power Off**

- 1.Press Exit/Back button for 2s to enter Menu list.
- 2.Press Up/Down button to select Power Off
- 3.Press Menu button to confirm, the watch will power off.

### **•Restart**

- 1.On the standby mode press Exit/Back button for about 2s, Signal/Power off/ Restart shows on the display.
- 2.Press Up/Down buttons to select Restart.
- 3.Press Menu button to confirm, the watch receiver will restart then.

## **Package Includes**

Watch receiver\*1, USB charging cable\*1, user manual\*1

### **Note**

1. The indicator light up while charging the watch receiver, and the indicator turns off after fully charged.
2. If there's any problem on the language, please restore factory settings.

# 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 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, ISCED, 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](http://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 per-

manently 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 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



**WARNING**

- This radio meets the RF exposure guidelines when used with the Reteless 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 Reteless-approved accessories for your radio model, visit the following website:  
<http://www.Reteless.com>

EU Importer:

Name: Germany Retevis Technology GmbH

Address: Uetzenacker 29,38176 Wendeburg

## 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.

Cut along this line



MADE IN CHINA



Henan Eshow Electronic Commerce Co., Ltd  
Add: 7/F, Sanjiang Building, No.170 Nanyang Road,  
Huiji District, Zhengzhou, Henan, China

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

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

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



## FCC Warning

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.

Any 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.