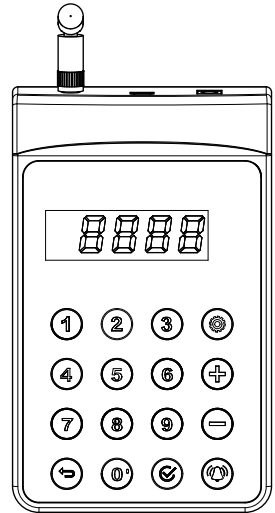
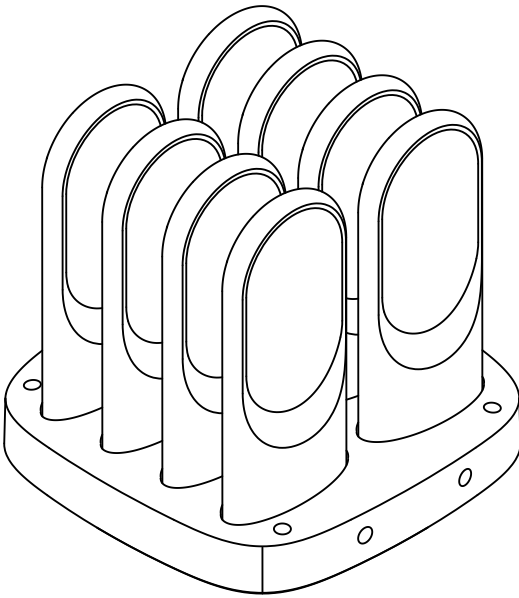


# RETEKES



**TD184**  
**Wireless Paging System**

# Menu

<b>Product Introduction.....</b>	<b>1</b>
<b>Operating Instructions.....</b>	<b>1</b>
<b>Powering Pager up/off.....</b>	<b>1</b>
<b>Function Interface.....</b>	<b>1</b>
<b>Function Settings.....</b>	<b>1</b>
<b>Frequency Channel Comparison Table(MHz).....</b>	<b>2</b>
<b>Specifications.....</b>	<b>2</b>

**DE(5-8)**

**FR(9-12)**

**IT(13-16)**

**ES(17-20)**

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

## Product Introduction

Thank you for using Retekeess TD184 guest paging system, it consists of 1 keyboard transmitter and 8 pagers (with charging base). Each keyboard transmitter can expand 9999 pagers.

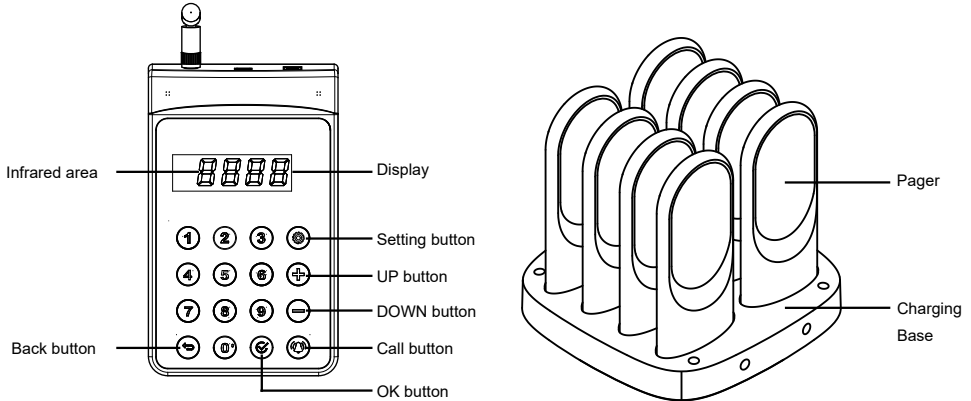
It is widely used in fast food restaurants, coffee shops, pizza shops, 4S stores, churches and other places where there are many guests waiting for the service.

The system improves overall efficiency and customer satisfaction, reduces labor costs and enhances image

### How to use the guest paging system?

1)Guests come to the restaurant and make an order. The waiter gives each guest a pager; each pager has a specific ID (No.1~9999).

When the order is ready, the waiter at the counter can press the number on the transmitter, the corresponding pager will vibrate, beep or flash to remind customer to pick up the order.



## Operating Instructions

At first, please unpack 12V/1A charger and insert it to the power outlet of charging tray.

The battery will charge in usual after every pager is placed on the charging slot.

Please charge the pagers for at least 10 minutes before the first time using.

### Powering Pager up/off

1. When the pager is off, put it on the charging slot to turn it on.
2. When the pager is on, put it on the charging slot, press "0" and CALL button to turn it off.

### Function Interface

When you press SETTING button to enter password authentication interface, the display shows "-.-.-.", waiting for the password to input. The default password is "2580". After you input the password to enter function interface, "F1" will be displayed in the screen and blinks. After you input the number or press UP button to select a function, press OK button to enter the sub-menu. When the setting is completed, press SETTING button to exit, and return to the main menu.

### Function Settings

#### 1. To set the Duration of the Vibration/Buzzer/LED Flash (F0)

After entering F0 function interface, input two-digit number "00" or "05-99", then press the OK button to save. The number stands for the duration in seconds of the Vibration/Buzzer/LED Flash. The number cannot be set to "01-04" because the length of the time is too short. Minimum time is 5 seconds. When the setting is 00, it means there is no limit on the length of time.

#### 2. Pager ID Setting (F1)

After entering F1 function interface, input the number ("1-9999") for your Pager and press CALL button. At the moment, the keypad display flashes. Place the Pager to an area approximately 10cm right above the infrared area of the keypad. If there are Buzzer and LED Flash from the Pager, it means the setting is successful.

**Notice: After changing any other settings of the pager system, you have to set the pager ID to activate the settings.**

#### 3. Flash Setting (F2)

After entering F2 function interface, the display shows the current LED Flash mode and you can select your desired mode:

0: OFF; 1: SLOW; 2: NEUTRAL; 3: FAST. 4: Gradual Change.

When you input the number and press OK button, the keypad beeps at the same time, it means the setting is successful.

**NOTE: You have to set the pager ID again to activate the settings.**

#### 4. Beep Setting (F3)

After entering F3 function interface, the display shows the current beep mode and you can select your desired mode:

0: OFF; 1: SLOW; 2: NEUTRAL; 3: FAST.

When you input the expected number and press OK button, the keypad beeps at the same time, it means the setting is successful.

**NOTE: You have to set the pager ID again to activate the settings.**

#### 5. Vibration Setting (F4)

After entering F4 function interface, the display shows the current vibration mode and you can select your desired mode:

0: OFF; 1: SLOW; 2: NEUTRAL; 3: FAST.

When you input the expected number and press OK button, the keypad beeps at the same time, it means the setting is successful.

**NOTE: You have to set the pager ID again to activate the settings.**

## 6. Out of Range Alarm Setting (F5)

After entering F5 function interface, the display shows the current alarm time after out of range and you can select your desired time. When the Pager is taken out of range of keypad for a certain time, the pager will beep and let customers know that they will miss the call. The time can be set to 0-30 minutes (0 means the alarm is off. The other numbers represent when the pager will beep after being out of range. )

The beep will automatically stop when they step back within range.

**NOTE: You have to set the pager ID again to activate the settings.**

**Note: When out of range alarm function is turned on, if the keyboard is turn off (unplug the power adapter), the Pager will automatically alarm because it cannot receive the transmitted signal.**

## 7. Service Countdown Time Setting (F6)

After entering F6 function interface, the display shows the current service countdown time and you can select your desired countdown time(0-99 minutes). 0 means the function is off, the other numbers represent when the pager will automatically beep again after the first call is received if they do not collect orders in time.

The beep will automatically stop when the pager is placed on the charging station.

**NOTE: You have to set the pager ID again to activate the settings.**

## 8. Keypad ID Setting (F7)

After entering F7 function interface, the display shows the current keypad ID and you can select your desired channel (1-99). When you input the expected number and press OK button, the keypad beeps at the same time, it means the setting is successful.

**NOTE: You have to set the pager ID again to make the pager system work after changing keypad ID.**

## 9. Keypad Password Setting (F8)

After entering F8 function interface, the display shows "0.0.0.0.". To set up the password for the keypad, input four-digit number and press OK button, the keypad beeps at the same time, it means the setting is successful.

("2580" is the default password, you can unlock the keypad in any situation. )

## 10. Frequency Setting (F9)

After entering F9 function interface, the display shows the current frequency and you can select your desired frequency (channel 01-31, each channel stands for a frequency list below). When you input the expected number and press OK button, the keypad beeps at the same time, it means the setting is successful.

**NOTE: You have to set the pager ID again to make the pager system work after changing the frequency.**

## 11. Keyboard Prompt Mode Setting (F10)

After entering F10 function interface, the display shows the current prompt setting. "1" means the Beep is turned on, "0" means the keypad in Mute function. If you want to change the prompt mode, you could enter the corresponding number and press OK button the confirm. The keypad beeps at the same time, it means the setting is successful.

## Frequency Channel Comparison Table(MHZ)

1	433.92	5	444.4	9	447.938	13	450.25	17	453.025	21	457.575	25	461.263	29	469.025
2	433.925	6	447.675	10	447.95	14	450.325	18	453.075	22	458.55	26	461.475	30	424.8
3	434.7	7	447.963	11	449.75	15	450.375	19	453.125	23	458.663	27	462.75	31	433.5
4	439.7	8	447.925	12	450	16	452.575	20	457.525	24	459.05	28	464.638		

## Specifications

<b>Pager</b>	
Operating Voltage	DC 3.7V (Rechargeable battery)
Working frequency	424.8-469.025MHZ
Standby current	7mA
Standby time	≈25Hour
Receiving sensitivity	-120dBm
Battery capacity	300mAh
Modulation technology	FM
Charging Tray's Power Source	12V/1A
Reminder Method	Vibrating, Buzzing & LED Flashing
Size	135*58*23mm
<b>Keypad Transmitter</b>	
Power input	DC12V/1A
Working Frequency	424.8-469.025MHZ
Modulation technology	FM
Size	162*98*40mm

# 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 Retekeess 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 Retekeess radio has a RF Exposure Product Label. Also, your Retekeess 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.
- (If applicable) 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.retekeess.com](http://www.retekeess.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 (if appropriate)

• 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.

### Avoid Choking Hazard



**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 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 Reteless 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>

# 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.

