RETEKESS

TD157

INSTRUCTIONS
WIRELESS RESTAURANT
GUEST PAGING SYSTEM

MADE IN CHINA

RECEIVER *16

TRANSMITTER *1
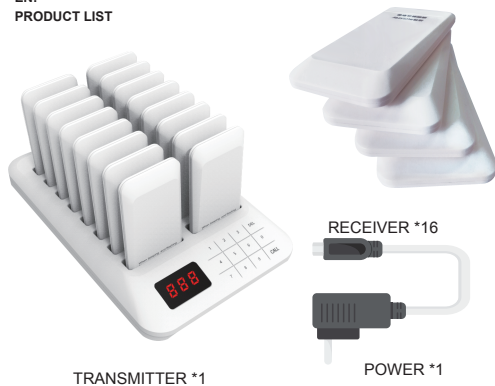
POWER *1

BASIC PARAMETERS

TRANSMITTER	
Dimension	238*151*30mm
Material	ABS
Transmit Power	240mW
Frequency	433MHz
Power Supply	DC12V/1A
Launch Distance	＞800M (in Open Area)
Support Receiver	998(16/SET)
IP Grade	IP32

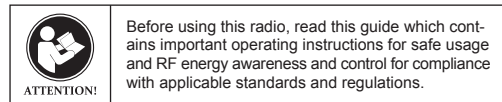| RECEIVER	
Dimension	106*51*11mm
Material	ABS
Receiving Sensitivity	-114dB
LI-Polymer	3.7V/150mAh
Frequency	433MHz
Standby Time	≈20 Hour
Support Receiver	Beep Flashing
IP Grade	IP32

INSTRUCTIONS
1. Notes
1.1. All the extension pagers should be placed in the main unit charging slot before the operation, and be set up after charging for 20 minutes.
1.2. Power on: Place all extensions in the main unit's charging slot. After the main unit is powered on, the extension will automatically turn on.
1.3. Power off: Place all extensions in the main unit's charging slot. Input "99/999" by the base keyboard and then press the [Call] button.
1.4. Enter the setup mode: Press the [Call] button and the [Clear] button at the same time until the host screen displays [F1], then enter the mode selection interface. At this time, input the corresponding number "1-4"by the keyboard to choose the mode, and press the [Call] key to enter the setting mode. After setting, press [Clear] to exit the setting mode, and the standby screen will display "--".
1.4.1. Enter the number "1": [F1] Host ID number setting
1.4.2. Enter the number "2": [F2] Extension ID number setting
1.4.3. Enter the number "3": [F3] buzzer switch setting
1.4.4. Enter the number "4": [F4] prompt duration setting
1.5. Operation process: First set [F1] host ID number setting, followed by [F3] buzzer switch setting and [F4] prompt duration setting.
After completing the above operations, finally set the [F2] extension ID number.
2. 【F1】 Host ID number setting
Enter the setting mode, the default screen flashes the current host ID number.At this time, after entering the new number "001-999" by the host keyboard,press the [Call] button to save.

Note: If there is no special requirement, please do not modify the host base number. Otherwise, all extensions need to be reset to use the number.Do not set the base number to "000".

3. 【F2】Extension ID number setting
3.1. First remove all extensions from the base, then enter the setup mode, and the default screen flashes "01". After the extension to be set is inserted into the charging slot, the function light flashes. Then input the new ID number "1-998"by the keyboard within 3 seconds, and press the [Call] button to save. At this time the extension prompts the flash to be set successfully. After removing the extension, set the next one in turn, and then press [Clear] to exit after all extension settings are completed.
3.2. Do not set "99/999" as the extension number. This number is the shutdown command.
3.3. To modify the extension number, simply overwrite the old number with the new one.
4. 【F3】Beep switch setting
Enter the setting mode, the default screen flashes "01". At this time, after inputting "0 (off)/1 (on)" from the keyboard, press the [Call] button to save.
5. [F4] prompt duration setting
Enter the setting mode, the default screen flashes "01". At this time, after inputting "1-99" seconds from the keyboard, press the [Call] button to save.

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.

ATTENTION!

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.
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Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management depa-rtments 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.

0-3
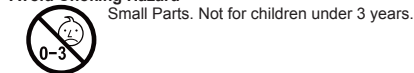
Protect your hearing
WARNING
• Use the lowest volume necessary to do your jot
• Turn up the volume only if you are in noisy surroundings.
• Turn down the volume before adding headset or earpiece.
• Limit the amount of time you use headsets or earpieces at high volume.
• When using the radio without a 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 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 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