



TD185

Table Location System

User Manual

CONTENTS

Remote Control	01
Language Setting	01
Modify Input Method	02
Operating Instructions	02
Table Locator Installation	05
Specification	06
DE(09-16)	
FR(17-24)	
IT(25-32)	
ES(33-40)	

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Remote Control



Language Setting

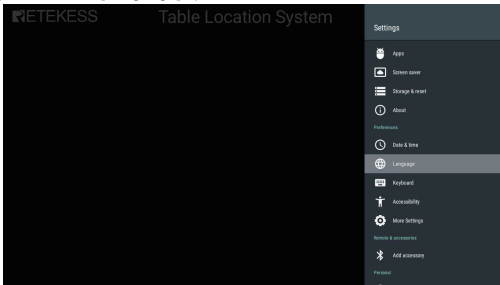
1.Function Introduction

This interface mainly sets the system language

2.Operating Introduction

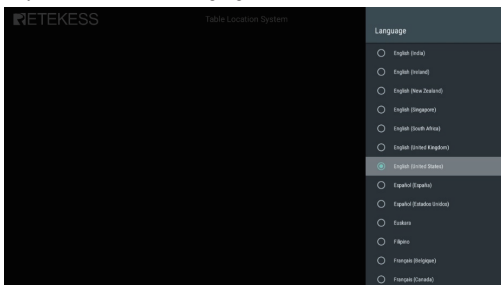
A.On the main interface, press the Setup key on the remote control to enter the setting interface

B.Press Up/Down key to select the [Language] option



C.Press OK key to enter language selection interface

D.Press UP or Down key to select the desired language

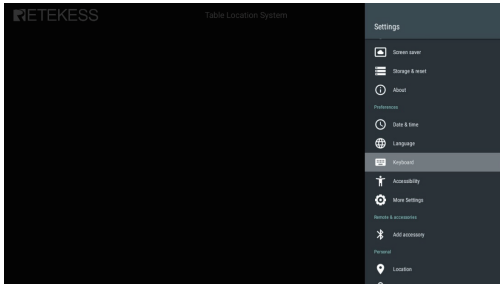


- C.Press OK key to enter language selection interface
- D.Press UP or Down key to select the desired language

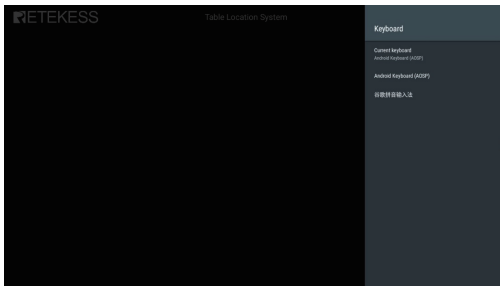
Modify Input Method

1.Operating Introduction

- A.On the main interface, press the Setup key on the remote control to enter the setting interface
- Press Up/Down key to select the [Keypad] option



- C.Press OK key to enter the sub-menu



- D.Press UP or Down key to select the desired input method
- E.Press the Return key to save and return to the main interface

Operating Instructions

It is the detailed description and introduction to all functions and operations of this system

1.Main Interface

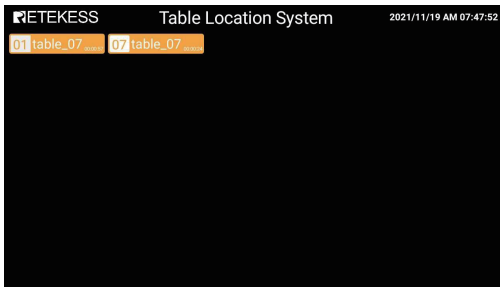


1.1 Function Introduction

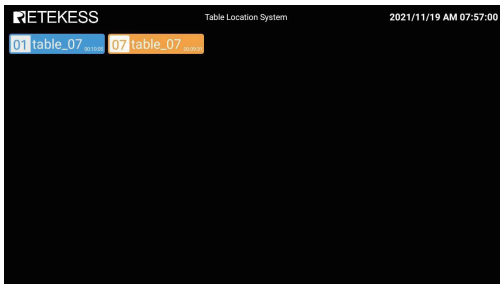
The default setting of the system interface is the main interface. It displays logo, system name, date and time. (The time can be synchronized by connecting the network or WIFI in the system setting interface, or manually set the date and time)

1.2 Operating Introduction

On the main interface, put the guest locator on the table which installed table locator, the guest locator number and table number will be displayed on the main interface. The default background color is ORANGE.



When the customer waits for a longer time than default waiting time, the color will be changed to BLUE to remind the waiter to deliver the order in time



When the customer waits for a longer time than default timeout duration, the color will be changed to RED to remind the waiter that they must delivery the order immediately.



2. Setting Interface



2.1 Function Introduction

This is to set the system parameters, title name, reminder color, default waiting time, timeout duration, background color and the main interface background color.

2.2 Operating Introduction

On the main interface, press the Cycle key on the remote control to enter the basic setting

Title Name Setting

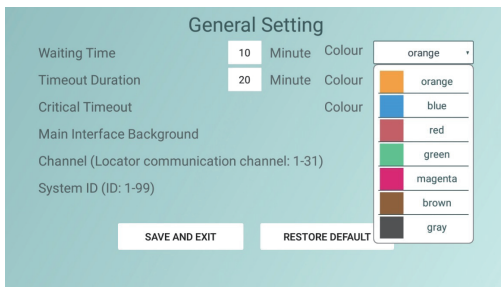
Press UP/DOWN key to select title name setting
Press OK key and the virtual soft keyboard will pop up
Enter the desired name

Waiting Time Setting

Press UP/DOWN key to select time input box
Press OK key and the virtual soft keyboard will pop up
Enter the desired time
Press SAVE and EXIT to save the setting

Waiting Time Remind Color Setting

Press UP/DOWN key to select remind color
Press OK key and the color options will be shown
Press UP/DOWN key to select the desired color
Press SAVE and EXIT to save the setting



Time Duration Setting

Press UP/DOWN key to select time input box
 Press OK key and the virtual soft keyboard will pop up
 Enter the desired time
 Press SAVE and EXIT to save the setting

Time Duration Remind Color Setting

Press UP/DOWN key to select remind color
 Press OK key and the color options will be shown
 Press UP/DOWN key to select the desired color
 Press SAVE and EXIT to save the setting

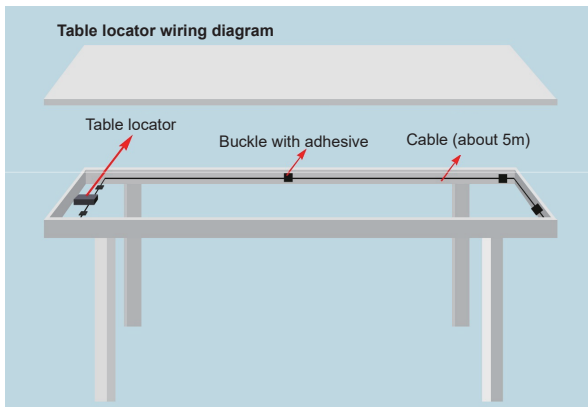
Critical Timeout Remind Color Setting

Press UP/DOWN key to select remind color
 Press OK key and the color options will be shown
 Press UP/DOWN key to select the desired color
 Press SAVE and EXIT to save the setting

Main Interface Background Color Setting

Press UP/DOWN key to select background color box
 Press OK key and the color options will be shown
 Press UP/DOWN key to select the desired color
 Press SAVE and EXIT to save the setting

Table Locator Installation



Installation Precautions

- 1.The cable is wound around the bottom of the table, and the inner area is the effective area for positioning detection
- 2.Straighten the cable as far as possible to fit the table, the detection effect will be more sensitive
- 3.The table can be made of wood, plastic, glass, etc.

Note: The table location system is not suitable for metal and marble tabletops because the metal and marble will block the signal

The detailed installation can be found from Reteless YouTube channel.

Specification

TD185 Control Host		
No.	Name	technical parameter
1	Frequency	433MHz FSK
2	System	Android 7.1.2
3	CPU	rk3128 4 Core 1.3GHZ
4	RAM	1G
5	Cache	8G
6	Display Port	HDMI
7	Remote Control	Infrared
8	Power Supply	12V/1A
9	Size	108×108×15.5mm
TD185 Guest Locator		
1	Frequency	433MHz FSK
2	Transmit Power	13dbm
3	Standby Power Consumption	3MA~5MA
4	Working Current	< 2.5MA (Positioned Successfully)
5	Working Voltage	3.3V
6	Battery	3.7V/300mAh lithium battery
7	Charging Voltage	5V
8	Working Distance	200m in the open area
9	Charging Method	Magnetic
10	Positioning Method	Active RFID
11	Size	135×58×23mm
TD185 Guest Locator		
1	Encoding Method	Manchester Encoding
2	Battery	3*AA alkaline battery, last for 2 years
3	Communication Method	125kHz Near Field Communication
4	Sensing Distance	20cm
5	Size	88×56×23mm
TD185 Charging Base (Cascadable)		
1	Charging Method	Magnetic
2	Charging Slot	8
3	Power	DC 12V/1A
4	Size	155×155×27mm

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.

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.

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.reteless.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 Warning Statements

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

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.
- To avoid interference, turn off the radio in areas where signs are posted to do so.
- 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.



Approved Accessories



- 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>