Retekess TH201

Retekess TH201 Wireless Intercom System User Manual

Model: TH201 | Brand: Retekess

1. Introduction

The Retekess TH201 is a wireless intercom system designed for clear and reliable two-way communication across various environments, including homes, businesses, and healthcare facilities. This system features a long range of up to 1 mile (2 km), 22 channels, 99 codes, VOX (Voice Operated Exchange) functionality, continuous caring mode, and group call capabilities. This manual provides detailed instructions for setting up, operating, and maintaining your TH201 intercom system.

Video: This video demonstrates various scenarios where the Retekess TH201 intercom system is suitable, highlighting its versatility for family, meetings, and general communication needs.

2. Product Overview

The Retekess TH201 intercom unit is designed for user-friendly operation with a clear digital display and intuitive controls.

2.1 Components and Controls



Image: A front view of the Retekess TH201 wireless intercom unit, showcasing its speaker, digital display, and control buttons.

The intercom features a speaker, a digital display screen, and a set of buttons for various functions. It includes a power port and an SMA accessory port for the antenna.



Image: The package contents of the Retekess TH201, including two intercom units, two hanging nails, two power adapters, two power cables, and one user manual.

3. Setup Instructions

3.1 Powering the Intercom

Connect the provided power adapter to the intercom unit's power port and plug it into a standard electrical outlet. The unit can also be powered by a portable power bank for mobile use.



Image: A Retekess TH201 intercom unit connected to a portable power bank, illustrating its compatibility for mobile power supply.

3.2 Installation Options

The TH201 intercom can be used on a desktop or mounted on a wall. Use the provided hanging nails for wall installation.

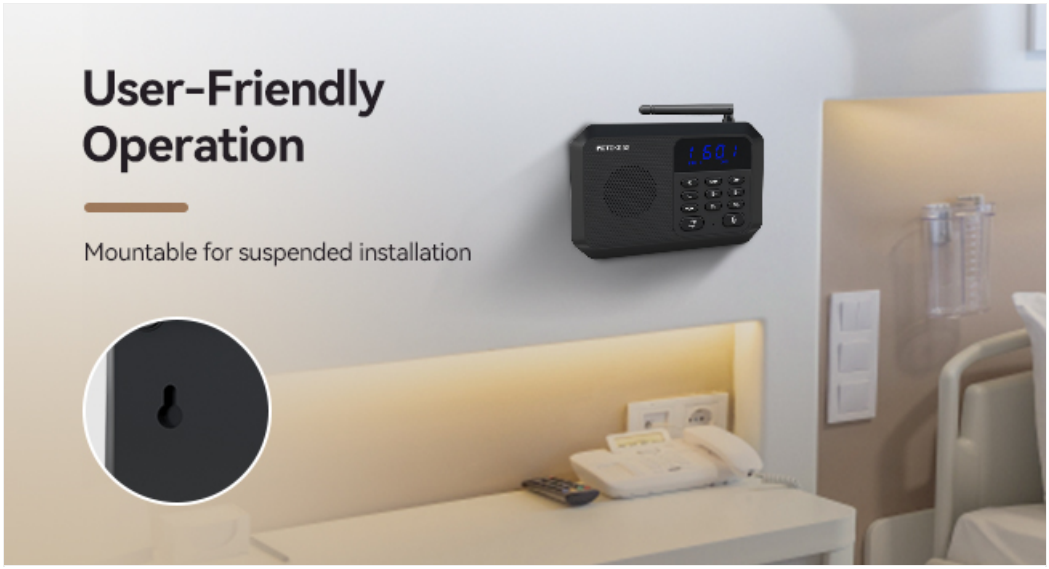


Image: Two Retekess TH201 intercom units, one placed on a desktop and another mounted on a wall, demonstrating flexible installation options.

4. Operating Instructions

4.1 Channel and Code Adjustment

To communicate between units, ensure they are set to the same channel and code. Use the 'CH+' and 'CH-' buttons to adjust the channel. Press the 'Settings' button (hexagon icon) to switch between channel and code adjustment modes.

Video: This video demonstrates how to adjust the channel and code on the Retekess TH201 intercom to enable communication between units.

4.2 VOX Function (Voice Operated Exchange)

The VOX function allows for hands-free communication. When activated, the intercom will automatically transmit when it detects your voice, eliminating the need to press the talk button.

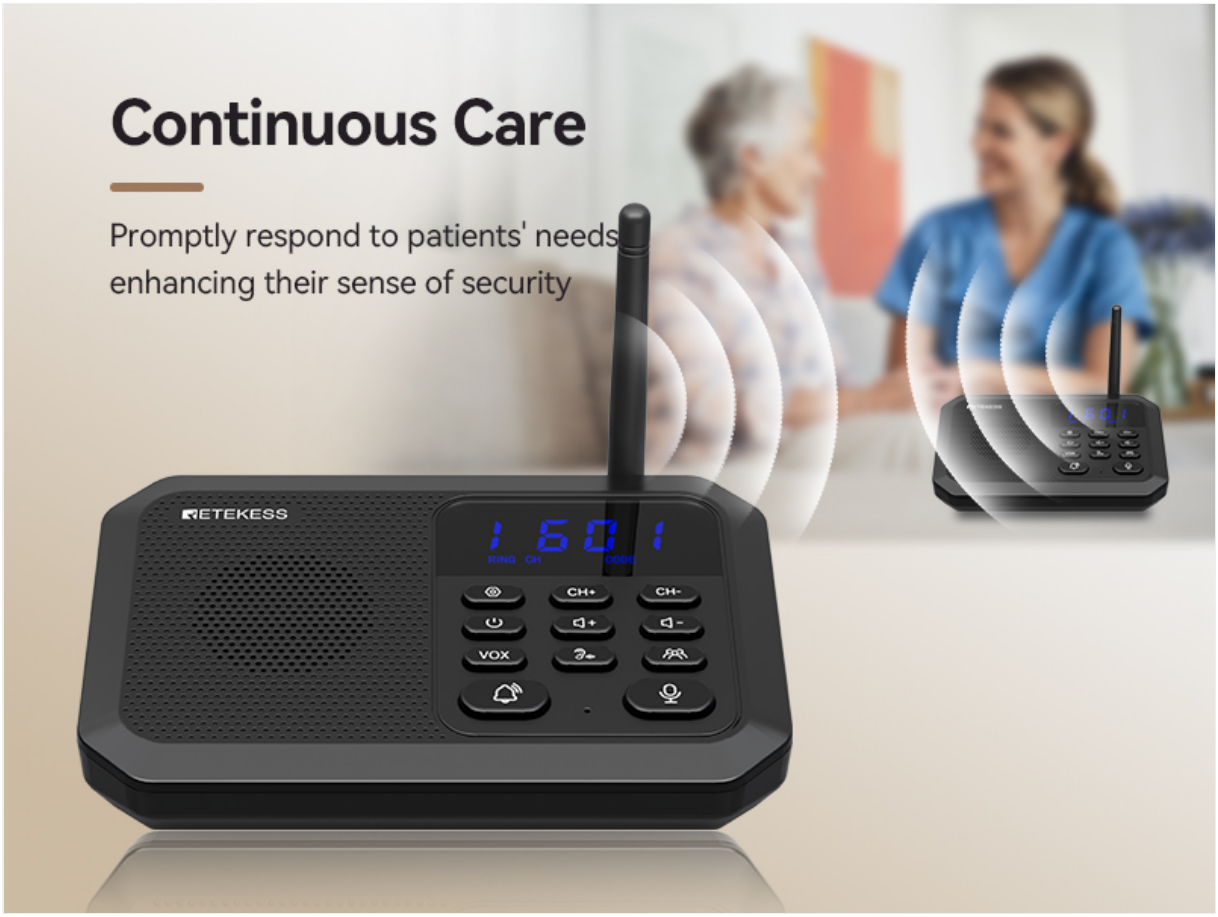


Image: A Retekess TH201 intercom unit on a table with speech bubbles indicating hands-free communication via the VOX function.

4.3 Continuous Caring Function

This function keeps the intercom in transmit mode, allowing for continuous monitoring or communication without repeatedly pressing buttons. This is useful for real-time caring scenarios.

Video: This video illustrates how the VOX and Continuous Caring functions work on the Retekess TH201, enabling hands-free and continuous communication.

4.4 Group Call

The group call feature allows you to broadcast messages to all connected intercom units simultaneously. This is ideal for announcements or communicating with multiple individuals at once.



Image: Multiple Retekess TH201 intercom units in different rooms, illustrating the group call capability for enhanced collaboration efficiency.

Video: This video demonstrates how the group call feature works on the Retekess TH201, allowing simultaneous communication to multiple units.

4.5 Ringtone Settings

The TH201 offers 15 different ringtones. To adjust the ringtone, press and hold the 'Settings' button (hexagon icon) and the 'Volume Up' button simultaneously. Then use the 'CH+' and 'CH-' buttons to cycle through the ringtone options (01-15). Option '00' provides a silent light indication.



Image: A Retekess TH201 intercom unit on a table with musical notes floating around, indicating the variety of 15 alert tones available.

4.6 Volume Adjustment

Adjust the volume using the dedicated volume up and down buttons on the unit. There are 8 volume levels available.

Video: This video demonstrates how to adjust the volume on the Retekess TH201 intercom system, showing the 8-level volume adjustment.

5. Key Features

- **Clear Digital Display:** Features a digital screen for clear channel and code display, simplifying pairing and setup.
- **Long-Range Communication:** Delivers stable audio quality with a range of up to 1 mile (2 km), ensuring reliable communication across multiple floors and rooms.
- **22 Channels & 99 Codes:** Supports 22 channels and 99 codes, allowing connection of up to 2178 devices for comprehensive communication.
- **Multiple Tones & Silent Alerts:** Offers 15 ringtones and 8 volume levels, including a silent flashing mode for discreet notifications.
- **One-Touch Group Call:** Enables broadcasting to all devices simultaneously, facilitating efficient group communication.
- **VOX Function:** Allows hands-free communication, enhancing convenience and focus on other tasks.
- **Continuous Caring Function:** Keeps the unit in transmit mode for continuous monitoring.



Image: A visual representation of the Retekess TH201 intercom's extended talking reach, showing its 1 mile (2 km) range across a city

landscape.

6. Maintenance

To ensure the longevity and optimal performance of your Retekess TH201 intercom system, follow these maintenance guidelines:

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** The unit requires D batteries for operation. Ensure batteries are inserted correctly and replace them when power is low. Remove batteries if the unit will not be used for an extended period.
- **Storage:** Store the intercom in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your Retekess TH201 intercom, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power	Power adapter not connected; batteries low/incorrectly inserted.	Ensure power adapter is securely connected. Check and replace D batteries if using battery power.
Cannot communicate with other units	Units are on different channels or codes.	Verify that all units are set to the same channel and code. Refer to Section 4.1.
Poor audio quality or static	Units are out of range; interference; low battery.	Move units closer together. Avoid sources of electrical interference. Replace batteries.
Ringtone not sounding	Ringtone set to '00' (silent mode).	Adjust ringtone settings to a numbered option (01-15). Refer to Section 4.5.

8. Specifications

- **Item Weight:** 1.1 pounds
- **Package Dimensions:** 18.3 x 13.1 x 8.2 inches
- **Item Model Number:** Retekess TH201
- **Batteries:** D batteries required.
- **Brand:** Retekess
- **Color:** Black
- **Number of Channels:** 22
- **Special Features:** Call Alert, Digital Screens, Group Call, Long Range, VOX Function
- **Talking Range Maximum:** 1 Mile (2 km)
- **Voltage:** 5 Volts
- **Water Resistance Level:** Not Water Resistant
- **Unit Count:** 2.0 Count (typically sold as a pair)



Image: A Retekess TH201 intercom unit with its dimensions (16.51*10.99*8.99cm / 6.50*4.33*3.54 inches) and weight (178g/0.39lb) displayed.

9. What's in the Box

The Retekess TH201 package typically includes:

- TH201 Nursing intercom system (x2)
- Hanging nail (x2)
- Power adapter (x2)
- Power cable (x2)
- User manual (x1)

10. Warranty and Support

Retekess provides a 2-year warranty for the radio body and a 1-year warranty for accessories. A 30-day no-reason return policy is also offered. Beyond the warranty period, maintenance services are available, with buyers responsible for associated costs. For support, contact Retekess on Amazon; responses are typically provided within 12 hours.