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> Retekess TD166 Smart Pager System Instruction Manual

Retekess TD166

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Model: TD166

1. INTRODUCTION

The Retekess TD166 Smart Pager System is designed for efficient communication in various environments such as restaurants, warehouses, and logistics centers. This system features a long-range signal, text message display, and smart alert options to streamline operations and improve customer or staff notification processes.



Key Features:

- **Extended Range:** Up to 3 miles in open, unobstructed environments, capable of penetrating reinforced concrete walls.
- **Adjustable Prompt Levels:** Pagers can be set to flash, beep, vibrate, or a combination. Three prompt speeds (fast, medium, slow) and adjustable duration (5-99 seconds) are available.
- **Long Standby Time:** Built-in 3.7V 550mAh battery provides up to 18-20 hours of standby operation.
- **Out-of-Range Alert:** Triggers a reminder if a pager exceeds signal coverage for a set duration, reducing loss.
- **Service Countdown:** Configurable countdown timer (1-180 minutes/seconds) with pager alerts to remind users to return the pager.
- **PC Software Compatibility:** Allows for advanced settings and text message display.

Product Application Overview:

Video 1.1: Overview of suitable applications for the Retekeess TD166 system, demonstrating its use in a logistics warehouse setting.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



Figure 2.1: Contents of the Reteless TD166 Smart Pager System package.

- 1 x Reteless TD166 Keypad Transmitter
- 10 x Reteless TD166 Coaster Pagers
- 1 x Pager Bed Plate (Charging Base)
- 2 x Power Adapters
- 1 x DB9 USB Cable (for PC connection)
- 1 x User's Manual

3. SETUP

3.1 Initial Charging

Before first use, ensure all pagers are fully charged. Place the pagers on the charging bed plate and connect the power adapter to the charging plate and a power outlet. The pagers will indicate charging status.



Figure 3.1: Pagers on the charging base, illustrating the built-in battery and charging method.

3.2 Transmitter Connection

Connect the keypad transmitter to its dedicated power adapter and plug it into a power outlet. The transmitter display should power on.

3.3 Pager Pairing

To pair pagers with the transmitter, follow these steps:

1. On the transmitter, press the **SETUP** button.
2. The screen will display "PAGER NUMBER". Press **ENTER** to enter the pairing state.
3. Enter the desired pager number using the keypad (e.g., 001) and press **ENTER**.
4. While the transmitter is in pairing mode, place the pager you wish to pair on the charging base. The pager should vibrate and display the assigned number, confirming successful pairing.
5. Repeat for all pagers.

Video 3.1: Detailed instructions on how to pair the Retekeess TD166 pagers with the transmitter.

3.4 Infrared Code Function

The system supports setting pager numbers and parameters via near-infrared communication. Position the pager within 10cm of the transmitter's infrared sensor for programming.

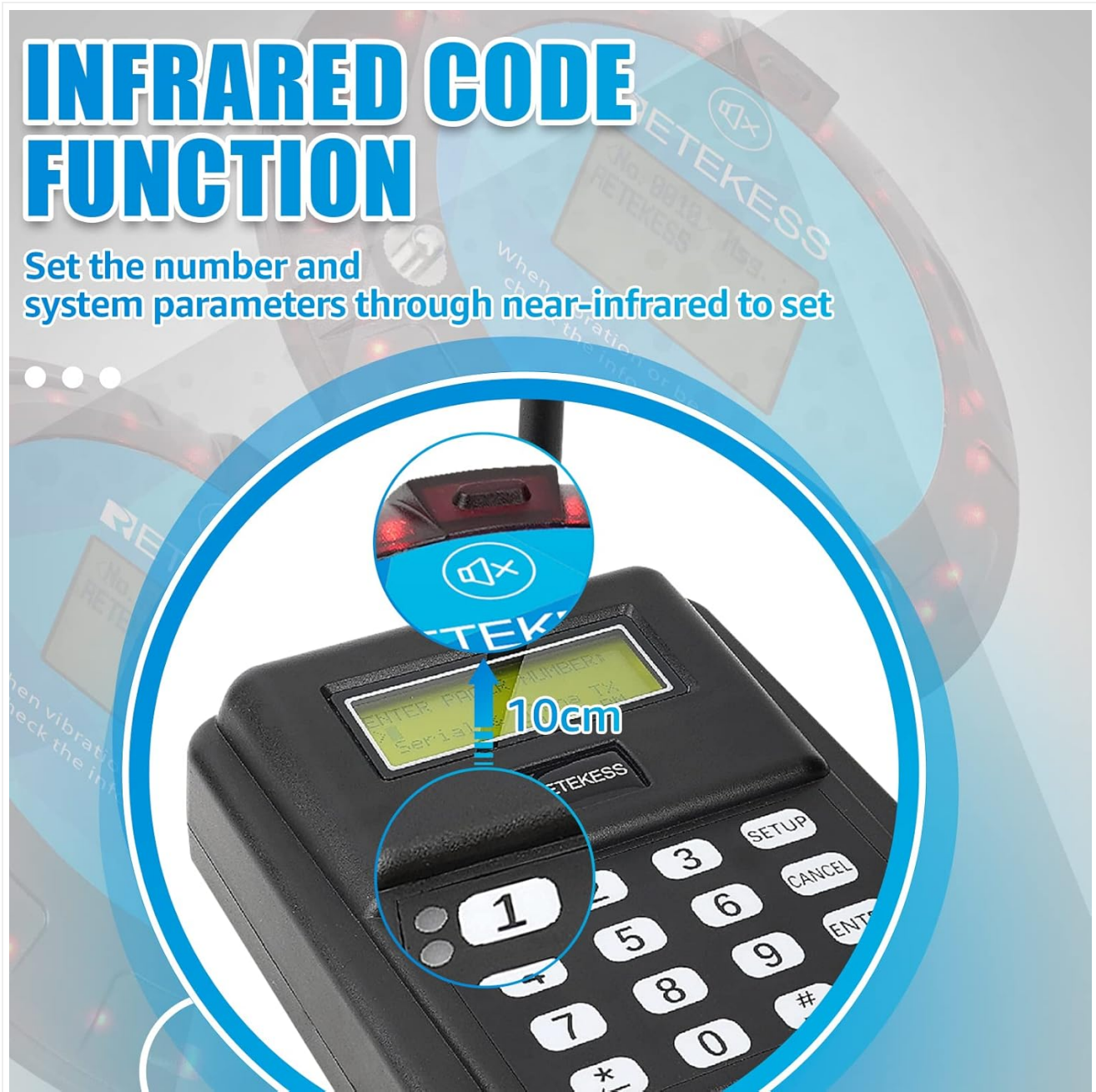


Figure 3.2: Using the infrared code function to set pager parameters.

4. OPERATION

4.1 Sending a Call

To call a specific pager, enter its number on the transmitter keypad and press **SEND**. The pager will activate according to its set prompt mode.

PRODUCT USAGE PROCESS

The driver receives a pager



01

The operator sends signal through the transmitter



02

The pager receives instructions



03

The driver drives truck to the location.



04

Return the pager



05

Figure 4.1: General workflow for using the pager system.

4.2 Adjusting Prompt Modes and Speed

The TD166 allows customization of pager alerts. You can set the combination of flash, beep, and vibrate modes, as well as their speed and duration.



Prompt Duration



Flash Light



Beep Mode



Vibration Mode

| | 0 | 1 | 2 | 3 | 4 |
|-------------------------|-----|------|--------|------|---------|
| Flash Light Mode | off | slow | medium | fast | gradual |
| Beep Mode | off | slow | medium | fast | / |
| Vibration Mode | off | slow | medium | fast | / |

ADJUSTABLE PROMPT SPEED

Figure 4.2: Adjustable prompt speed settings for pagers.

4.3 One-Key Group Call

The system supports sending a call to multiple pagers simultaneously using a one-key group call function. Refer to the video for detailed instructions on setting this up.

Video 4.1: Instructions on how to configure and use the one-key group call feature on the Reteless TD166.

4.4 Canceling a Call / Power On/Off

To cancel an active call status on a pager or power it on, perform a short press on the pager's button. To power off a pager, press and hold the button for more than 6 seconds.

CANCEL CALL QUICKLY



Short press:
cancel call status/power on



Long press (more than 6s):
power off



Figure 4.3: Pager button functions for call cancellation and power control.

4.5 PC Software Settings

The TD166 system is compatible with PC software for advanced configuration, including setting transmitter beep sounds, prompt mode speeds, and prompt durations. Connect the transmitter to a computer using the provided DB9 USB cable.

SUPPORT PC-SIDE SOFTWARE SETTING



Transmitter beep



Prompt mode speed



Prompt duration



Figure 4.4: PC software interface for advanced system settings.

5. MAINTENANCE

5.1 Battery Care

The pagers are equipped with 3.7V 550mAh Lithium Ion batteries. To maximize battery life:

- Fully charge pagers before initial use.
- Avoid completely draining the battery frequently.
- Store pagers in a cool, dry place when not in use for extended periods.

5.2 Cleaning

Clean the pagers and transmitter with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the devices.

6. TROUBLESHOOTING

- **Pager not responding:**

- Ensure the pager is within the transmitter's signal range.
- Check if the pager battery is charged.
- Verify the pager is correctly paired with the transmitter (refer to Section 3.3).

- **Transmitter not powering on:**

- Check the power adapter connection and ensure it is plugged into a working outlet.

- **Out-of-range alarm:**

- This indicates the pager has moved beyond the effective signal range. Move the pager closer to the transmitter.

- **Keyboard function issues:**

- If the physical keyboard on the transmitter is unresponsive, ensure no debris is obstructing the keys. If issues persist, contact customer support.

7. SPECIFICATIONS

| Feature | Detail |
|------------------------|--|
| Model Number | TD166 |
| Product Dimensions | 11.42 x 4.72 x 14.96 inches |
| Item Weight | 5.28 pounds |
| Manufacturer | Reteless |
| Batteries | 10 Lithium Ion batteries required (included) |
| Range | Up to 3 miles (in open, unobstructed environments) |
| Pager Battery Capacity | 3.7V 550mAh |
| Pager Standby Time | 18-20 hours |

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Reteless TD166 Smart Pager System comes with a 2-year warranty. Additionally, a 30-day return policy is offered for any reason. Beyond the warranty period, maintenance services are available, with buyers responsible for associated costs.

8.2 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact Reteless customer support through the Amazon platform. Responses are typically provided within 12 hours.