Retekess TM101

Retekess TM101 Wireless Buzzer System Instruction Manual

Model: TM101

1. Important Safety Information

Before operating this buzzer system, please read this manual thoroughly. It contains important operating instructions for safe use and awareness of RF energy and control for compliance with applicable standards and regulations.

2. Product Overview

The Retekess TM101 is a wireless buzzer system designed for interactive games, quizzes, and educational activities. It features a main display unit, multiple response buttons, and a remote control for easy management.



Image: The Retekess TM101 Wireless Buzzer System, showing the main display unit, four response buttons, and the remote control.

3. Package Contents

Verify that all items are present in your package:

- 1 x Display Host
- Response Buttons (quantity depends on model, e.g., 4 buttons for this model)
- 1 x Remote Control
- 1 x Power Adapter (for display)
- 1 x Mounting Bracket (for display)
- 1 x User Manual
- *Note: 2 x AA batteries for each button are not included. 2 x 12V/23A batteries for the remote control are included.*



Image: All components included in the Retekess TM101 package, laid out next to the product box.

4. Setup Instructions

4.1. Powering the Display Unit

1. Connect the provided power adapter to the display unit's power input port.
2. Plug the power adapter into a standard AC 100-240V electrical outlet.
3. The display unit will power on automatically.

4.2. Installing Batteries in Buzzer Buttons

1. Locate the battery compartment on the underside of each buzzer button.
2. Open the battery compartment cover.
3. Insert two (2) AA batteries into each buzzer, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

5. Slide the ON/OFF switch to the "ON" position to activate the buzzer.



Image: Underside of a buzzer button showing the battery compartment and ON/OFF switch. Two AA batteries are shown next to it.

4.3. Remote Control Batteries

The remote control comes with two (2) 12V/23A batteries pre-installed. If replacement is needed, follow the instructions in the remote control's specific manual.

4.4. Display Placement

The display unit can be placed on a table using its removable stand or mounted on a wall. Ensure it is positioned for clear visibility by all participants.

5. Operating Instructions

5.1. System Overview

The TM101 system operates wirelessly with a transmission range of approximately 80 meters, utilizing 2.4 GHz wireless technology for stable signal transmission.



Image: Diagram illustrating the stable 2.4 GHz wireless signal transmission of the TM101 system over an 80-meter range in a classroom setting.

5.2. Buzzer Button Functionality

Each buzzer button features a large, easy-to-press surface with high sensitivity for quick response. The buttons illuminate and produce sound upon activation, allowing clear identification of the first responder.

- **White:** Standby mode.
- **Blue:** Start/Ready state.
- **Green:** Successful response.
- **Red:** Fault/Incorrect response.



Image: Four buzzer buttons illustrating their different illuminated states: White (Standby), Blue (Start), Green (Successful), and Red (Fault).

5.3. Remote Control Functions

The wireless remote control allows for convenient management of the game flow.

- **Start:** Initiates the game or round.
- **Countdown Start:** Begins a countdown timer for response.
- **Timer/Thinking Time:** Sets or manages the thinking time for participants.
- **Reset:** Clears the current response and resets the display for a new round.



Image: A hand holding the remote control, with a diagram showing its wireless signal and key functions: Start, Countdown Start, Timer/Thinking Time, and Reset.

5.4. Operating Modes

The system supports various operating modes:

- **Normal Mode:** Standard quiz mode where the first button pressed is registered.
- **Voice Mode:** Provides real-person HD voice broadcast for enhanced interaction.
- **Elimination Mode:** Allows for elimination based on responses, suitable for competitive quizzes.

5.5. Countdown Timer and Response Time

The countdown response time can be set from 1 to 999 seconds. This feature allows you to customize game control and prevent premature responses.

5.6. Volume Adjustment

The display unit offers 15 levels of adjustable volume for its crystal-clear 2.5 kHz sound. Adjust the volume to suit your

environment and audience.



Image: Rear view of the display unit, showing sound waves emanating from it, indicating adjustable volume with 15 levels and 2.5 kHz clear sound.

5.7. Expanding the System

The display receiver can support up to 32 professional quiz buzzers, allowing for larger group participation.



Image: A classroom setting with the display unit and remote control, showing multiple buzzers (up to 32) wirelessly connected and active.

6. Maintenance

6.1. Cleaning

Wipe the display unit and buzzer buttons with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the surfaces.

6.2. Battery Replacement

Replace AA batteries in the buzzer buttons when their performance diminishes. Ensure proper disposal of used batteries according to local regulations.
The remote control batteries (12V/23A) should be replaced as needed. Refer to the remote control's specific instructions for battery replacement.

6.3. Storage

When not in use for extended periods, store the system in a cool, dry place. Remove batteries from the buzzer buttons to prevent

leakage.

7. Troubleshooting

- **Buzzer not responding:**
  - Ensure batteries are correctly installed and not depleted.
  - Check if the buzzer's ON/OFF switch is in the "ON" position.
  - Verify the buzzer is within the 80m transmission range of the display unit.
- **Display not powering on:**
  - Check the power adapter connection to both the display and the electrical outlet.
  - Ensure the power outlet is functional.
- **Voice prompts are too loud/in English:**
  - The system offers 15 levels of volume adjustment. Use the remote control or display unit controls to adjust the volume.
  - The voice prompts are primarily in English. Language settings may not be adjustable on this model.
- **Remote control not working:**
  - Ensure the remote control batteries are not depleted.
  - Point the remote control towards the display unit.

8. Specifications

Feature	Detail
Display Power Supply	Input: AC 100-240V, Output: DC 9V / 1A
Display Dimensions	266 x 150 x 20 mm (10.5 x 5.9 x 0.8 inches)
Display Weight	404 g (0.89 lbs)
Buzzer Button Dimensions	100 x 100 x 30 mm (3.9 x 3.9 x 1.2 inches)
Buzzer Button Weight	84 g (0.18 lbs)
Buzzer Button Power	2 x AA batteries (not included)
Operating Distance	Approx. 80 meters (262 feet)
Remote Control Dimensions	105 x 42 x 28 mm (4.1 x 1.7 x 1.1 inches)
Remote Control Weight	62 g (0.14 lbs)
Remote Control Power	2 x 12V/23A batteries (included)
Max. Buzzer Capacity	Up to 32 buzzers
Countdown Timer Range	1 to 999 seconds
Material	Plastic
Color	White

9. Warranty and Support

9.1. Manufacturer's Warranty

Retekess offers a 2-year warranty and a 30-day no-reason return policy. Beyond the warranty period, maintenance services are available, with buyers responsible for associated costs.

9.2. Customer Support

For any inquiries or support, please contact us on Amazon. We aim to respond within 12 hours. You can also visit the official Retekess Store on Amazon for more information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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