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Aigostar RL-3996(33TX)

Aigostar Wireless Bell with RGB Light - Instruction Manual

Model: RL-3996(33TX)

1. Product Overview

The Aigostar Wireless Bell with RGB Light is a versatile and easy-to-install doorbell system designed for homes and offices. It features an IP55 waterproof outdoor bell push button and a receiver with an RGB light indicator. This system offers 5 adjustable volume levels and 60 selectable melodies, ensuring you never miss a visitor. Its robust wireless signal provides a range of up to 150 meters (500 feet).
Key features include:

- RGB light indicator on the receiver for visual alerts.
- Three bell modes: Mute (LED only), Ring (sound only), and LED + Ring (sound and light).
- Five volume levels with a maximum of 120 dB.
- Sixty selectable melodies.
- IP55 waterproof and dustproof transmitter, suitable for outdoor use in temperatures from -10°C to 50°C.
- Wireless range of up to 150 meters (500 feet).



Figure 1: Overview of Aigostar Wireless Bell features, including 60 chord sounds, colorful indicator light, 5 volume levels, 500ft connection range, IP55 waterproof, low voltage indicator, and mute mode.

2. Package Contents

Please check the package contents upon unboxing to ensure all components are present:

- 1 x Wireless Bell Push Button (Transmitter)
- 1 x Wireless Bell Receiver
- 3 x AA Batteries
- Mounting Hardware (Screws, Wall Plugs, Double-sided Adhesive Tape)
- Instruction Manual



Figure 2: Contents of the Aigostar Wireless Bell package, showing the bell push button, receiver, mounting accessories, and instruction manual.

3. Product Components and Dimensions

Familiarize yourself with the components of your Aigostar Wireless Bell system:



Figure 3: Detailed view of the receiver and bell push button, showing their dimensions and key parts such as speaker, indicator light, and control buttons (Previous/Mode Switching, Next/Code-learning, Volume/Code-clearing).

Receiver (Indoor Unit)

- **Speaker:** Emits the selected melody.
- **Indicator Light:** RGB light that flashes upon activation or for visual alerts.
- **Previous/Mode Switching Button:** Used to cycle through melodies or switch bell modes.
- **Next/Code-learning Button:** Used to cycle through melodies or initiate code learning.
- **Volume/Code-clearing Button:** Adjusts volume levels or clears pairing codes.

Bell Push Button (Transmitter - Outdoor Unit)

- **"Play" Button:** Activates the doorbell.
- **Indicator Light:** Illuminates when the button is pressed.

4. Installation

The Aigostar Wireless Bell offers two primary installation methods for the bell push button (transmitter). The receiver is typically placed indoors and is powered by batteries.

4.1 Installing the Bell Push Button (Transmitter)

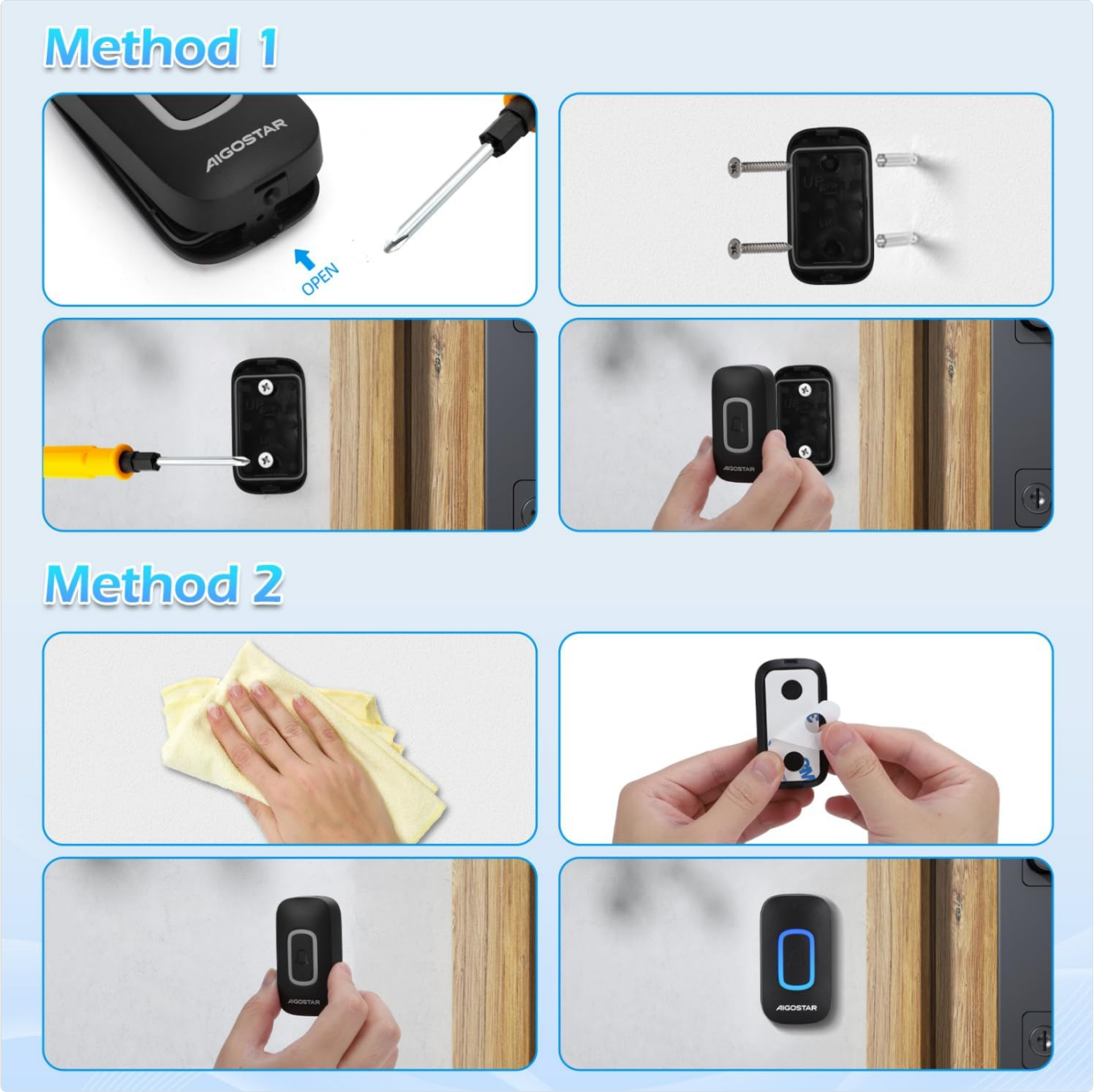

Figure 4: Two methods for installing the bell push button: using screws for permanent mounting or double-sided adhesive tape for easier placement.

Method 1: Screw Mounting (Recommended for permanent installation)

1. **Open the Transmitter:** Carefully open the bell push button casing using a small screwdriver as indicated by the "OPEN" arrow on the side.
2. **Mark Drill Holes:** Place the back plate of the transmitter on the desired wall location and mark the positions for drilling.
3. **Drill Holes:** Drill two holes at the marked positions. Insert the wall plugs into the drilled holes.
4. **Secure Back Plate:** Align the back plate with the holes and secure it to the wall using the provided screws.
5. **Attach Transmitter:** Snap the front part of the bell push button onto the secured back plate.

Method 2: Adhesive Tape Mounting (For smooth surfaces)

1. **Clean Surface:** Ensure the mounting surface is clean, dry, and smooth. Wipe it with a cloth if necessary.
2. **Apply Adhesive:** Peel off the protective film from one side of the double-sided adhesive tape and apply it firmly to the back of the bell push button.
3. **Mount Transmitter:** Peel off the remaining protective film from the tape. Press the bell push button firmly onto the desired wall location for at least 30 seconds.

Note: For optimal performance, install the bell push button at a height of approximately 1.2 to 1.5 meters (4 to 5 feet) from the ground.

4.2 Installing the Receiver (Indoor Unit)

The receiver is battery-operated and can be placed on any flat surface or mounted on a wall. Ensure it is within the 150-meter wireless range of the transmitter.

1. **Insert Batteries:** Open the battery compartment on the back of the receiver and insert the 3x AA batteries (included), observing the correct polarity (+/-).
2. **Placement:** Place the receiver in a central location within your home where the sound can be easily heard. Avoid placing it near large metal objects or other electronic devices that might interfere with the wireless signal.

5. Operation

5.1 Pairing the Transmitter and Receiver

Your Aigostar Wireless Bell system should be pre-paired from the factory. If re-pairing is needed or if you add additional transmitters/receivers:

1. **Enter Pairing Mode:** On the receiver, press and hold the**Next/Code-learning** button for approximately 3-5 seconds until the receiver emits a short beep and its RGB light starts flashing rapidly. This indicates it is in pairing mode.
2. **Activate Transmitter:** Within 10 seconds, press the bell push button (transmitter). The receiver will emit the selected melody and the RGB light will stop flashing, indicating successful pairing.
3. **Exit Pairing Mode:** If no button is pressed within 10 seconds, the receiver will automatically exit pairing mode.

5.2 Selecting Melodies

The receiver offers 60 different melodies:

- Press the **Previous/Mode Switching** button to go to the previous melody.
- Press the **Next/Code-learning** button to go to the next melody.
- The receiver will play a short preview of each melody as you cycle through them.

5.3 Adjusting Volume Levels

There are 5 adjustable volume levels:

- Press the **Volume/Code-clearing** button repeatedly to cycle through the 5 volume levels (0dB, 70dB, 80dB, 90dB, 120dB).
- Each press will play the current melody at the selected volume level.



Figure 5: Illustration of the mute mode and various volume levels (0dB, 70dB, 80dB, 90dB, 120dB) available on the Aigostar Wireless Bell receiver.

5.4 Switching Bell Modes (Mute Mode)

The receiver supports three bell modes:

- **LED + Ring:** The default mode where the receiver plays a melody and the RGB light flashes.
- **Ring Only:** The receiver plays a melody without the RGB light flashing.
- **Mute (LED Only):** The receiver's RGB light flashes without playing a melody. This mode is useful when you do not want audible alerts, such as during sleep or meetings.

To switch between modes, press and hold the**Previous**/**Mode Switching** button briefly (less than 3 seconds) until the mode changes.

6. Features in Detail

6.1 RGB Light Indicator

The receiver features an RGB light that flashes when the bell push button is pressed. This visual alert is particularly

useful for individuals with hearing impairments or when the receiver is in mute mode.

6.2 IP55 Waterproof and Dustproof Transmitter

The bell push button (transmitter) is designed to withstand outdoor conditions. Its IP55 rating ensures protection against dust ingress and low-pressure water jets from any direction. It operates reliably in temperatures ranging from -10°C to 50°C (14°F to 122°F).



Figure 6: The bell push button is rated IP55, indicating its resistance to dust and water, suitable for various outdoor weather conditions.

6.3 Extended Wireless Range

The Aigostar Wireless Bell provides a strong and stable wireless signal, offering a transmission distance of up to 150 meters (500 feet) in open areas. This ensures reliable operation throughout your home, garden, or even in multi-story buildings, minimizing the chance of missing a visitor.



Figure 7: Illustration of the 150-meter (500-foot) wireless transmission distance, showing the doorbell's effective range around a house.



Figure 8: Examples of the doorbell's effective range, ensuring visitors are not missed whether you are in the kitchen, living room, or other areas of the house.

7. Specifications

Parameter	Value
Brand	Aigostar
Model Number	RL-3996(33TX)
Wireless Range	Up to 150 meters (500 feet)
Melodies	60 selectable
Volume Levels	5 levels (max 120 dB)
Waterproof Rating (Transmitter)	IP55

Operating Temperature	-10°C to 50°C (14°F to 122°F)
Receiver Power Source	3x AA Batteries (included)
Transmitter Power Source	Battery operated (pre-installed or user-replaceable, type not specified)
Receiver Dimensions	8.5cm (diameter) x 3.3cm (depth) (approx.)
Transmitter Dimensions	6.6cm (height) x 3.5cm (width) x 1.5cm (depth) (approx.)
Product Weight	150g (total package weight)

Note: Specifications are subject to change without prior notice.

8. Troubleshooting

If you encounter issues with your Aigostar Wireless Bell, please refer to the following common problems and solutions:

- **No Sound from Receiver:**
  - Check if the receiver batteries are correctly inserted or need replacement.
  - Ensure the volume is not set to 0dB (mute). Press the Volume button to increase.
  - Verify the receiver is not in "Mute (LED Only)" mode. Press the Previous/Mode Switching button to change modes.
  - Re-pair the transmitter and receiver (refer to Section 5.1).
- **Transmitter Not Activating Receiver:**
  - Check the battery in the transmitter. Replace if necessary.
  - Ensure the transmitter and receiver are within the effective wireless range (150 meters / 500 feet). Obstacles like thick walls or metal structures can reduce range.
  - Re-pair the transmitter and receiver (refer to Section 5.1).
  - Ensure there is no strong interference from other wireless devices nearby.
- **Short Wireless Range:**
  - Relocate the receiver to a more central position, away from large metal objects, concrete walls, or other electronic devices that may cause interference.
  - Ensure the transmitter is not obstructed by dense materials.
  - Replace batteries in both units.
- **Receiver Flashes but No Sound:**
  - The receiver might be in "Mute (LED Only)" mode. Press the Previous/Mode Switching button to change modes.
  - Check volume level.

If the problem persists after trying these solutions, please contact customer support.

9. Care and Maintenance

- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the transmitter and receiver when performance degrades.

Dispose of old batteries responsibly.

- **Environmental Conditions:** While the transmitter is IP55 rated, avoid prolonged exposure to extreme weather conditions or submersion in water.
- **Storage:** If storing the doorbell for an extended period, remove the batteries from both units to prevent leakage.

10. Warranty and Support

Aigostar products are designed and manufactured to the highest quality standards. For warranty information, technical support, or customer service inquiries, please refer to the contact details provided on the product packaging or visit the official Aigostar website.
Please retain your purchase receipt as proof of purchase for warranty purposes.

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