

THIRDREALITY 8531

THIRDREALITY ZigBee Smart Blind Instruction Manual

MODEL: 8531

1. Introduction and Overview

The THIRDREALITY ZigBee Smart Blind (Model 8531) offers a modern solution for window treatments, combining functionality with smart home integration. These motorized blackout honeycomb blinds are designed for privacy, noise reduction, and energy efficiency. They feature an automatic height setting and can be controlled via remote, app, or voice commands when integrated with compatible smart home systems.

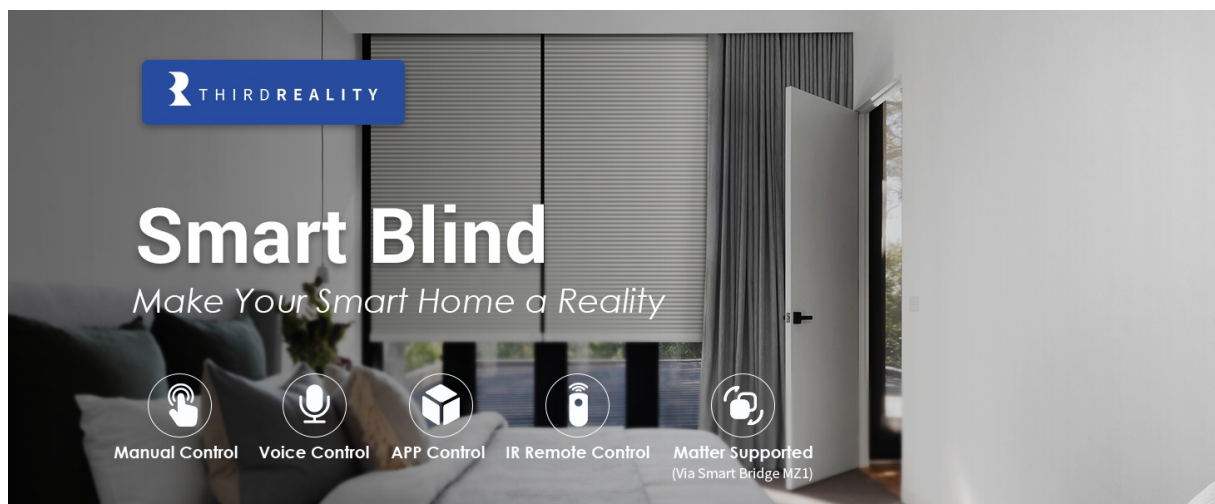


Figure 1: Cordless Cellular Shades with features like noise reduction, blackout, and heat insulation.

2. What's in the Box

Your THIRDREALITY ZigBee Smart Blind package includes the following components:

- THIRDREALITY ZigBee Smart Blind Unit
- IR Remote Control
- Mounting Brackets
- Screws and Wall Anchors
- AA Batteries (6 required, included)



Figure 2: Components of the Smart Blind, showing the top bar, battery compartment, control buttons, and included accessories.

3. Installation

The Smart Blind is designed for easy, DIY-friendly installation. It supports both inside and outside mount options. Please refer to the size guide provided with your product to ensure correct measurements before installation.



Figure 3: Smart Blinds designed to fit most windows, requiring a gap greater than 1/4 inch for proper operation.

3.1 Measuring Your Window

Accurate measurement is crucial for proper fit and function. For detailed instructions on how to measure your windows for motorized blinds, please watch the video below.

Video 1: Instructions on how to accurately measure your windows for motorized blinds to ensure a perfect fit.

3.2 Mounting the Blind

Secure the mounting brackets to your window frame or wall according to your chosen mount type (inside or outside). Ensure the brackets are level and spaced correctly to support the blind. The blind features a limit switch on the bottom rail for automatic stopping when it reaches the window sill.



Figure 4: The smart blind's bottom rail is equipped with a limit switch for precise automatic stopping at the window sill.

4. Operating Instructions

The Smart Blind offers multiple control options for your convenience.

4.1 Local Control Buttons

The bottom rail of the Smart Blind has integrated buttons for manual control. Use these buttons to raise, lower, or stop the blind at your desired position.



Figure 5: The control buttons are located on the bottom rail of the Smart Blind for easy manual operation.

4.2 IR Remote Control

An IR remote control is included for convenient wireless operation. Point the remote towards the blind and use the designated buttons to control its movement.

5. Smart Home Integration

The THIRDREALITY Smart Blind is built on the ZigBee 3.0 standard, allowing seamless integration with various smart home ecosystems.

5.1 Direct ZigBee Hub Connection

The blind can directly connect to popular ZigBee hubs such as Echo Plus (1st & 2nd Gen), Echo Studio, Echo 4th Gen, SmartThings (2015/2018), Eero 6 & 6 Pro, Home Assistant (ZHA/ZigBee2MQTT), Hubitat Elevation, Homey Bridge, Homey Pro, and THIRDREALITY Smart Hub.



Figure 6: Compatible devices for direct ZigBee connection, including various Echo models, SmartThings, Eero, Home Assistant, Hubitat, Homey, and THIRREALITY hubs.

5.2 Matter Integration (via Smart Bridge MZ1)

For broader compatibility, including Apple HomeKit, Google Home, and Amazon Alexa (requiring a Smart Speaker), the Smart Blind can be integrated via the THIRREALITY Smart Bridge MZ1 (sold separately). This enables advanced control and monitoring features.

Video 2: Demonstration of the Smart Blind's compatibility with Matter via the Smart Bridge MZ1, enabling integration with various smart home platforms.

5.3 Voice Control and Routines

Once connected to a compatible hub, you can control your blinds using voice commands through Amazon Alexa. You can also create custom routines, timers, and schedules to automate blind operation based on time, distance, or sunrise/sunset.

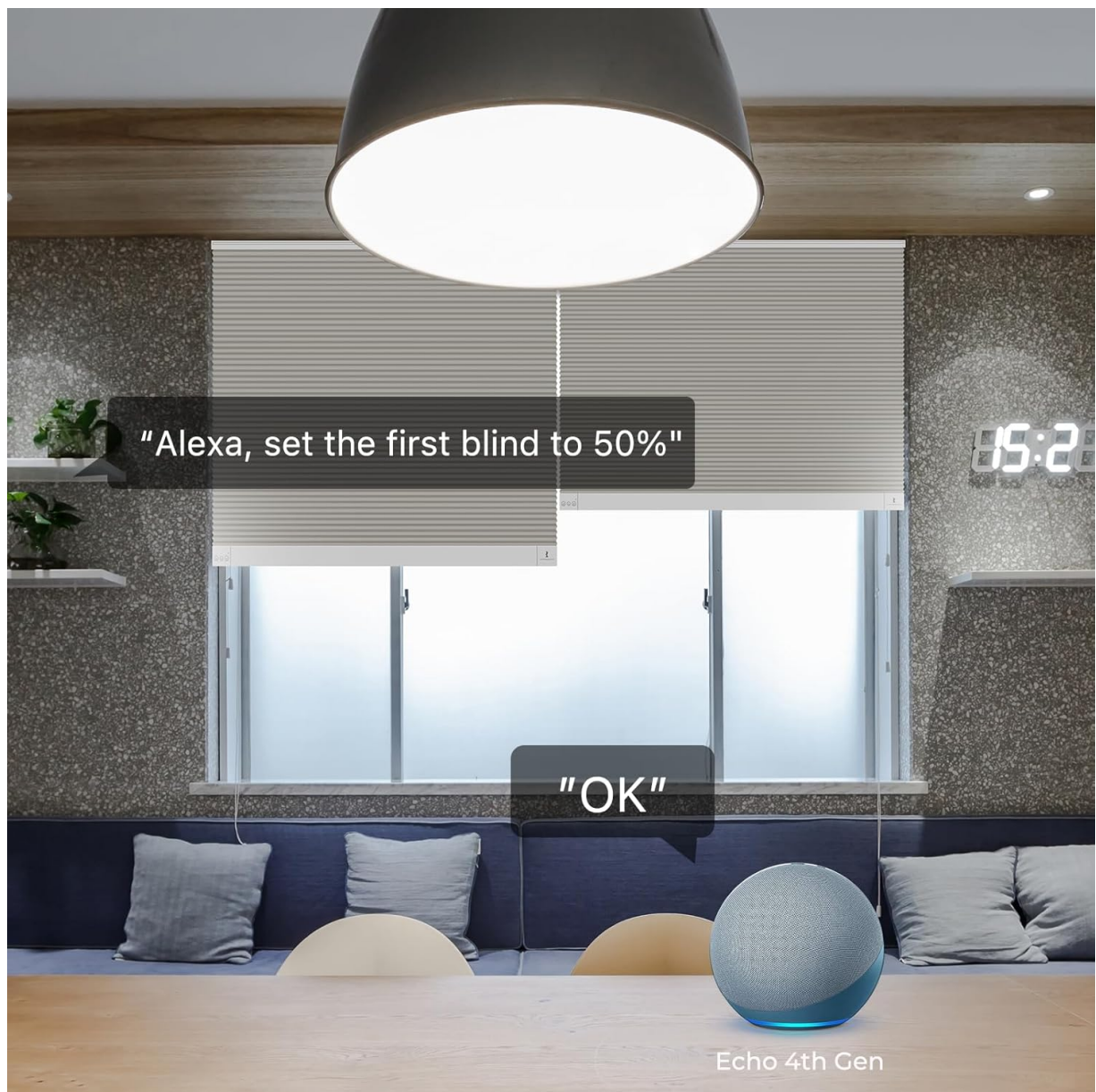


Figure 7: Voice control via Amazon Alexa, demonstrating how to set the blind to a specific percentage.

Video 3: Guide on how to pair the Smart Blind with an Echo 4th Gen and set up automated routines.



Figure 8: Setting up routines with Alexa allows automatic opening or closing of the Smart Blinds based on customized schedules.

6. Maintenance

6.1 Battery Replacement

The Smart Blind is powered by 4 AA batteries located in the bottom rail. Under typical usage conditions (opening/closing once daily), batteries can last up to 6 months. Replace batteries as needed by accessing the battery compartment.



Figure 9: The battery compartment is easily accessible on the bottom rail for hassle-free battery replacement.

6.2 Product Care

To clean your Smart Blind, use a spot clean method only. Avoid harsh chemicals or excessive moisture.

7. Troubleshooting

If you encounter issues with your Smart Blind, consider the following:

- **Check Batteries:** Ensure the AA batteries are correctly installed and have sufficient charge.
- **Verify Hub Connection:** Confirm that your ZigBee hub or Smart Bridge MZ1 is powered on and properly connected to your network.
- **ZigBee Range:** Make sure the Smart Blind is within the effective range of your ZigBee network. Obstructions can affect signal strength.
- **Pairing Mode:** If the blind is not responding, try re-entering pairing mode as per the initial setup instructions for your specific hub.
- **Firmware Updates:** Ensure your smart home hub and the Smart Blind (if applicable via MZ1) have the latest firmware updates.

8. Specifications

Material	Aluminum, Aluminum Coated Hot Rolled Non-woven Fabric
Product Dimensions	72"L x 20"W
Brand	THIRDREALITY
Color	White
Opacity	Blackout
Operation Mode	Automatic
Special Feature	Energy saving
Size	20"W x 72"H
Mounting Type	Inside/Outside Mount
Batteries	6 AA batteries required (included)
Item Model Number	8531
UPC	850001595643

9. Warranty and Support

The THIRDREALITY ZigBee Smart Blind is manufactured by Third Reality, Inc. For warranty information, technical support, or further assistance, please visit the official THIRDREALITY website or contact their customer service directly.