VIMAR 30804

Vimar 30804 Line Smart Roller Shutter Mechanism User Manual

Model: 30804 | Brand: VIMAR

1. INTRODUCTION

Thank you for choosing the Vimar 30804 Line Smart Roller Shutter Mechanism. This device allows for intelligent control of your roller shutters, offering both local and remote operation through Bluetooth 5.0 and Zigbee 3.0 standards. This manual provides essential information for installation, operation, maintenance, and troubleshooting to ensure safe and efficient use of your product.

Please read this manual carefully before installation and keep it for future reference.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the device:

- Installation must be performed by a qualified electrician and in accordance with local electrical codes.
- Disconnect power at the main circuit breaker before performing any installation, wiring, or maintenance.
- Do not expose the device to moisture, extreme temperatures, or direct sunlight.
- Ensure the power supply (100-240V 50/60Hz) matches the device's requirements.
- Do not attempt to disassemble or repair the device yourself. Contact qualified service personnel.
- Keep packaging materials out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Vimar 30804 Line Smart Roller Shutter Mechanism (1 unit)
- Instruction Manual (this document)
- Mounting Screws (if applicable)

Note: Interchangeable 1-module Line keys are sold separately and are required for full functionality.

4. PRODUCT OVERVIEW

The Vimar 30804 is a compact electronic module designed to fit into standard wall boxes. It integrates seamlessly with Vimar Line series components.

Figure 4.1: Vimar 30804 Mechanism

This image displays the front of the Vimar 30804 Line Smart Roller Shutter Mechanism. It features a compact, rectangular black housing with a central circular element, likely an indicator or sensor, and connection points on the sides for integration into a modular system.

Key Features:

- **Dual IoT Technology:** Supports Bluetooth 5.0 for Vimar VIEW wireless mesh systems and Zigbee 3.0 for broader smart home compatibility.
- **Local and Remote Control:** Operate roller shutters directly from the wall switch (with compatible keys) or via a smartphone application.
- **Scenario Recall:** An external button input allows for recalling pre-programmed scenarios.
- **Preferred Position:** Easily recall a favorite roller shutter position.
- **RGB LED Darkness Detection:** Integrated LED with adjustable intensity for ambient lighting or status indication.
- **Relay Output:** Compatible with 0.6-2A 100-240V~ motors.

5. SETUP AND INSTALLATION

Follow these steps carefully for proper installation:

5.1 Pre-installation Checklist

- Ensure power is OFF at the circuit breaker.
- Confirm you have the necessary tools (screwdriver, wire strippers, voltage tester).
- Have compatible Vimar 1-module Line keys ready.

5.2 Wiring Diagram

The mechanism requires connection to the main power supply (100-240V 50/60Hz) and the roller shutter motor. It also has an input for an external button.

Typical Connections:

- **L:** Live input (100-240V~)
- **N:** Neutral input
- **UP:** Output to roller shutter motor (Up direction)
- **DOWN:** Output to roller shutter motor (Down direction)
- **EXT:** External button input (for scenario recall)

Refer to the detailed wiring diagram provided with the product packaging for precise terminal identification. If no diagram is present, consult a qualified electrician.

5.3 Installation Steps

1. **Turn off Power:** Locate the circuit breaker controlling the power to the installation area and turn it OFF. Verify with a voltage tester.
2. **Connect Wires:** Carefully connect the Live (L), Neutral (N), UP, DOWN, and EXT wires to the corresponding terminals on the Vimar 30804 mechanism. Ensure all connections are secure.
3. **Mount Mechanism:** Insert the mechanism into the wall box.
4. **Attach Keys/Cover Plate:** Secure the Vimar 1-module Line keys and the cover plate (sold separately) over the mechanism.
5. **Restore Power:** Turn the power back ON at the circuit breaker.
6. **Test Functionality:** Test the local control of the roller shutter using the installed keys.

6. OPERATING INSTRUCTIONS

The Vimar 30804 offers multiple ways to control your roller shutters.

6.1 Local Control

Once the 1-module Line keys are installed, you can operate the roller shutter directly:

- Press the **UP** key to raise the roller shutter.
- Press the **DOWN** key to lower the roller shutter.
- Press either key again during movement to stop the roller shutter.

Figure 6.1: Examples of Vimar Line Switches

These images illustrate various Vimar Line switches in black. The first shows a switch with a subtle bottom light, the second displays three buttons with small white indicator dots, and the third shows one button pressed, highlighting its illuminated dot, demonstrating the aesthetic and functional design of the compatible keys.

6.2 App Control (Bluetooth VIEW Wireless Mesh System)

For advanced control and system integration, use the Vimar VIEW app:

1. Download the **Vimar VIEW App** from your smartphone's app store.
2. Follow the in-app instructions to create an account and set up your VIEW wireless mesh system.
3. Add the Vimar 30804 mechanism to your system. The app will guide you through the pairing process.
4. Once paired, you can control the roller shutter, set preferred positions, and adjust RGB LED intensity via the app.

6.3 App Control (Zigbee 3.0)

The device is compatible with Zigbee 3.0 hubs, including Amazon Alexa, Google Home, and SmartThings:

1. Ensure you have a compatible Zigbee 3.0 hub (e.g., Amazon Echo, Google Nest Hub, SmartThings Hub).
2. Put your Zigbee hub into pairing mode (refer to your hub's manual).
3. Follow the specific pairing instructions for the Vimar 30804 mechanism (often involves a sequence of presses on the local keys or a reset procedure).
4. Once paired, the device will appear in your smart home app (Alexa, Google Home, SmartThings).
5. You can now control the roller shutter using voice commands or through the respective smart home app.

Compatible with Alexa, Google Home and IFTTT, via the gateway or the Zigbee hub.

Compatible with SmartThings hubs.

Figure 6.2: Other Vimar Line Smart Devices

These images showcase other smart devices within the Vimar Line series, including a white switch with light and fan icons, a black switch with an integrated motion sensor and bottom light, a white smart thermostat control, and a black power outlet with a USB port, illustrating the range of compatible smart home components.

7. MAINTENANCE

The Vimar 30804 mechanism requires minimal maintenance.

- **Cleaning:** To clean the surface of the installed keys and cover plate, use a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Firmware Updates:** Periodically check the Vimar VIEW app for any available firmware updates for your device to ensure optimal performance and security.
- **Inspection:** Occasionally inspect the device and wiring for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

8. TROUBLESHOOTING

If you encounter issues with your Vimar 30804 mechanism, try the following solutions:

Problem	Possible Cause	Solution
Roller shutter does not respond to local control.	No power; Incorrect wiring; Faulty key.	Check circuit breaker; Verify wiring connections; Test with a known working key or replace.

Problem	Possible Cause	Solution
Roller shutter does not respond to app control.	Device not paired; Wi-Fi/Bluetooth issue; Hub offline.	Ensure device is paired in the app; Check Wi-Fi/Bluetooth connection; Restart your smart home hub.
Roller shutter stops unexpectedly.	Obstruction; Motor overload; Internal fault.	Check for obstructions; Allow motor to cool down; If persistent, contact support.
RGB LED not functioning.	Incorrect settings; LED fault.	Adjust settings in the app; If still not working, contact support.

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

9. SPECIFICATIONS

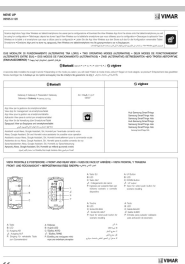| Feature	Detail
Model Number	30804
Brand	VIMAR
Dimensions (L x W x H)	5.28 x 4.27 x 4.27 cm; 44 grams
Color	Black
Material	Aluminum
Power Supply	100-240V~ 50/60Hz
Motor Output	0.6-2A Relay
Connectivity	Bluetooth 5.0 (VIEW wireless mesh), Zigbee 3.0
External Input	1 (for external button/scenario recall)
Special Features	Preferred position recall, RGB LED darkness detection
Components Included	30804 Line Smart Roller Shutter Mechanism
Batteries Required	No
Country of Origin	Italy

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Vimar website. Vimar products are designed for reliability and performance.
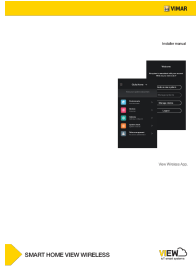
For technical support, troubleshooting assistance, or service inquiries, please contact Vimar customer service through their official channels. Ensure you have your product model number (30804) and purchase details ready when contacting support.

Online Resources:

- Vimar Official Website: www.vimar.com
- Vimar VIEW App Support (if applicable)

Related Documents - 30804

[VIMAR Connected Electronic Control: Installation and Technical Specification](#)
Detailed technical specification and installation guide for the VIMAR Connected Electronic Control module, supporting Bluetooth and Zigbee for smart home automation, lighting, and roller shutter control. Includes model numbers, features, configuration, and compliance information.

[VIMAR View Wireless Technical Installation Manual](#)
Comprehensive guide for the technical installation and operation of VIMAR View Wireless smart home systems, covering configuration, device pairing, and system management via Bluetooth and Zigbee technologies.

[Vimar ARKÉ Connected IoT Mechanism - Technical Specifications and Features](#)
Detailed information on the Vimar ARKÉ connected IoT mechanism, including technical specifications, features, compatibility, and product documentation. This device offers Bluetooth 5.0 and Zigbee 3.0 connectivity for smart home systems.

[VIMAR NEVE UP 09595.0.120 IoT Connected Dimmer Mechanism - Installation and Technical Guide](#)
Comprehensive guide for the VIMAR NEVE UP 09595.0.120 IoT connected dimmer mechanism, covering installation, connections, technical specifications, and operating modes. Supports Bluetooth and Zigbee connectivity.

[Manual del instalador View Wireless - VIMAR](#)
Manual del instalador para el sistema SMART HOME VIEW WIRELESS de VIMAR. Guía completa para la configuración, puesta en marcha, registro e inicio de sesión de dispositivos.

[VIMAR View Wireless Installer Manual](#)

Comprehensive installer manual for the VIMAR View Wireless smart home system, detailing configuration, device association, and system management for lights, climate control, energy, and access control.