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## Meross MRS200

# Meross Matter MRS200 Electric Roller Shutter Winder Instruction Manual

Model: MRS200 | Brand: Meross

Introduction   Safety Information   Package  
Contents   Specifications   Installation   Setup   Operation   Maintenance   Troubleshooting   Support

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Meross Matter MRS200 Electric Roller Shutter Winder. Please read this manual thoroughly before using the device to ensure proper function and safety.

The Meross MRS200 is a smart electric roller shutter winder designed for flush mounting. It offers precise control of your roller shutters and integrates seamlessly with various smart home platforms via Matter technology.

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Image 1.1: Meross Matter MRS200 Electric Roller Shutter Winder with smartphone displaying app control interface.

## 2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the device or injury to yourself:

- Ensure the power supply is disconnected before installation or maintenance.
- The device must be installed by a qualified professional if you are unsure about electrical wiring.
- Do not expose the device to moisture or extreme temperatures.
- Keep children and pets away from moving roller shutters.
- In case of fire, opening windows may increase oxygen and intensify flames. Configure automation responsibly and consider fire safety guidance.
- When manually disengaging the motor during a power outage, ensure to hold the roller shutter to prevent it from falling.



Image 2.1: Illustration showing a smoke detector and roller shutters opening, with a warning about responsible automation configuration during a fire.

## 3. PACKAGE CONTENTS

The Meross Matter MRS200 Electric Roller Shutter Winder package includes:

- 1x Meross Matter MRS200 Electric Roller Shutter Winder
- Power cable
- Light sensor
- Mounting screws and accessories
- Instruction Manual

## 4. SPECIFICATIONS

Feature	Detail
Model Number	MRS200
Dimensions (LxWxH)	16.3 x 6.1 x 21 cm
Weight	1.12 kg
Operating Mode	On-off-on
Rated Current	1 Ampere
Operating Voltage	230 Volt
Contact Type	Tactile
Switch Type	Power switch
Terminal	Soldering
Material	Plastic
Circuit Type	1 way
Max. Traction Force	45 kg
Max. Shutter Surface	6 m <sup>2</sup>
Compatible Belt Width	15 to 23 mm
Mounting Hole Spacing	165 mm or 185 mm

## 5. INSTALLATION

### 5.1 Pre-installation Checks

Before beginning installation, ensure your roller shutter system is compatible with the Meross MRS200:

- **Mounting Type:** Designed for flush mounting.
- **Traction Force:** Maximum 45 kg.
- **Shutter Surface Area:** Maximum 6 m<sup>2</sup>.
- **Belt Width:** Compatible with belts from 15 mm to 23 mm.
- **Mounting Hole Spacing:** The distance between fixing holes must be either 165 mm or 185 mm.

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Image 5.1: Essential checks for roller shutter compatibility, highlighting required dimensions and mounting hole spacing.

## 5.2 Installation Steps

For detailed installation instructions, refer to the illustrated manual included in the package or the video guide available through the Meross app. The general steps involve:

1. **Disconnect Power:** Turn off the main power supply to the area where you are installing the winder.
2. **Remove Old Winder:** Carefully remove your existing manual roller shutter winder.
3. **Mount Meross Winder:** Install the Meross MRS200 into the flush-mount box, ensuring the mounting holes align (165mm or 185mm).
4. **Connect Power:** Connect the power cable to the device and a suitable power outlet.
5. **Insert Belt:** Guide the roller shutter belt into the winder mechanism.
6. **Secure Device:** Fasten the device securely to the wall.
7. **Restore Power:** Turn the main power supply back on.

Your browser does not support the video tag.

Video 5.2: Product summary video demonstrating the features and potentially parts of the installation process for the Meross Electric Roller Shutter Winder.

## 6. SETUP

### 6.1 Matter Integration and Hub Requirements

The Meross MRS200 utilizes Matter technology for seamless integration with your smart home ecosystem. It requires an existing 2.4 GHz Wi-Fi network and a compatible smartphone (iOS 16.1+ or Android 8.1+).

To control your Matter devices, a compatible Matter hub is required. Examples include Apple HomePod, HomePod mini, Apple TV 4K, Amazon Echo/Echo Dot (3rd, 4th, 5th Gen), Echo Show (1st, 2nd, 3rd Gen), Google Nest Wi-Fi Pro, Google Home, Nest Audio, and Nest Hub.



Image 6.1: Compatible Matter hubs for Apple HomeKit, Amazon Alexa, and Google Assistant.

## 6.2 Initial Setup and Calibration

- Power On:** After installation, ensure the device is powered on.
- Scan QR Code:** Use your smartphone's camera or a compatible smart home app (e.g., Apple Home, Meross app) to scan the Matter QR code on the device or in the manual.
- Follow App Instructions:** The app will guide you through connecting the device to your 2.4 GHz Wi-Fi network and integrating it with your chosen smart home platform.
- Auto Calibration:** The device will automatically detect the top and bottom positions of your roller shutter. This calibration is essential for precise 1%-100% control. Without calibration, the roller shutter will only support fully open or fully closed operations.



Image 6.2: Auto calibration feature, allowing precise 1%-100% control after detecting top and bottom positions.

## 7. OPERATING INSTRUCTIONS

## 7.1 Manual Control

You can manually operate the roller shutter using the physical buttons on the device. Typically, there are 'Up' and 'Down' buttons for full opening and closing, and a 'Stop' button to halt movement at any desired position.

## 7.2 App Control

Control your roller shutters remotely using the Meross app or your preferred smart home app (Apple Home, Alexa, Google Home, SmartThings). The app allows you to:

- Open or close the roller shutter completely.
- Adjust the roller shutter to a specific percentage (e.g., 30% open).
- View the current position of the roller shutter.



Image 7.1: Remote control functionality via the Meross app, compatible with Apple Home, Home Assistant, Alexa, and Google Home.

## 7.3 Voice Control

Integrate your Meross MRS200 with voice assistants like Alexa, Google Assistant, or Siri for hands-free control. Use simple commands such as:

- "Alexa, open the roller shutter to 30%."
- "Hey Siri, set roller shutter to 50%."
- "Hey Google, close the roller shutter."



Image 7.2: Voice control options for roller shutters using Siri, Alexa, and Google Assistant.

## 7.4 Scheduling and Automation

Enhance your home's intelligence with automated routines:

- **Time-based Programming:** Set schedules for automatic opening and closing at specific times (e.g., simulating presence when away).
- **Light Sensor Automation:** The included light sensor can automatically open or close shutters based on external light levels.
- **Safety Function:** Pair with a connected smoke detector (sold separately) to automatically open roller shutters in case of an alarm.
- **Thermal Regulation:** Synchronize with compatible temperature sensors (e.g., HomePod, Meross MTS200) to close shutters automatically during excessive heat.



Image 7.3: Light sensor automation for automatic shutter adjustment based on external light.

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your Meross MRS200 Electric Roller Shutter Winder, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the roller shutter belt for wear and tear. Replace if necessary.
- **Firmware Updates:** Keep the device firmware updated through the Meross app to ensure the latest features and security enhancements.

## 9. TROUBLESHOOTING

If you encounter issues with your Meross MRS200, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not responding	No power, Wi-Fi disconnected, device frozen.	Check power connection. Verify Wi-Fi signal. Restart the device by unplugging and re-plugging it.
Roller shutter not moving or stopping incorrectly	Incorrect calibration, obstruction, belt issue.	Perform auto-calibration again via the app. Check for any physical obstructions. Inspect the roller shutter belt for damage or improper seating.
Cannot connect to Matter/Smart Home app	Incorrect Wi-Fi, incompatible hub, incorrect setup steps.	Ensure you are on a 2.4 GHz Wi-Fi network. Verify your Matter hub is compatible and online. Re-attempt the setup process, ensuring correct QR code scanning.
Device is noisy	Normal operation, worn parts.	Some motor noise is normal. If the noise is excessive or new, contact support.
Roller shutter falls during power outage	Manual disengagement without support.	Always hold the roller shutter when manually disengaging the motor during a power outage.

### 9.1 Power Outage Safety

In the event of a power outage, the Meross MRS200 allows for manual motor disengagement. This ensures you can still operate your roller shutters. When performing this, always hold the roller shutter to prevent it from falling unexpectedly.



Image 9.1: Manual motor disengagement for power outage safety, with a reminder to support the roller shutter.

## 9.2 Superior Safety Features

The Meross MRS200 includes multiple security protections, such as overload protection and built-in sensors with intelligent algorithms to detect obstructions (e.g., a pet) and stop movement, ensuring safe operation.



Image 9.2: Superior safety features including overload protection and intelligent sensors to prevent accidents.

## 10. WARRANTY AND SUPPORT

Meross provides lifetime technical support for its products. If you encounter any issues not covered in this manual or require further assistance, please contact Meross customer support through their official website or the Meross app.

For information regarding product returns or warranty claims, please refer to the retailer's return policy or Meross's official warranty terms.