Schellenberg Rollodrive 55

Schellenberg Rollodrive 55 Electric Roller Shutter Strap Winder

Model: 22725 | Brand: Schellenberg

INTRODUCTION

The Schellenberg Rollodrive 55 electric roller shutter strap winder automates the opening and closing of your roller shutters with the push of a button. This device eliminates the need for manual operation, providing convenience and enhanced security for your home. Designed for easy surface mounting, it is suitable for both new installations and replacing existing manual strap winders, making it an ideal solution for tenants.

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Rollodrive 55.

SAFETY INSTRUCTIONS

Please read these safety instructions carefully before installation and operation to prevent injury and damage to the device or property.

- Ensure the power supply is disconnected before any installation or maintenance work.
- The device is designed for indoor use only in dry environments (IP20 protection class).
- Do not expose the device to moisture, extreme temperatures, or direct sunlight.
- Keep children and pets away from the operating roller shutter.
- Do not attempt to open or repair the device yourself. Contact qualified personnel for service.
- Ensure the roller shutter operates smoothly and is not obstructed before automating.
- The maximum traction force of 30 kg must not be exceeded.

PRODUCT OVERVIEW

Key Features

- Electric strap winder for convenient roller shutter operation.
- Suitable for roller shutters up to 5.0 m² (plastic) or 2.5 m² (aluminum).
- Accommodates strap widths of 14 mm (Mini system) and 23 mm (Maxi system).
- Automatic time programming for scheduled opening and closing.
- Automatic obstacle detection and anti-blocking protection for safety.
- Low standby power consumption (approx. 1 Watt).
- Data and end position memory in case of power failure.

- Simple surface-mounted installation, ideal for tenants.

- Quiet 230 V motor operation.

- Optional solar sensor connectivity for light-dependent control.

Components Included

The package typically includes the following items:

- 1x Electric strap winder (Rollodrive 55)

- 1x Power cable (1.5 m with mains plug)

- 1x Mini strap inlet adapter

- 1x Maxi strap inlet adapter

- 1x Winding reel reduction adapter for Mini strap

- 1x Strap housing cover

- 1x Cable clamp

- 1x Screw for clamp

- 1x Fixing material kit

- 1x Installation instructions

Image: Contents of the Rollodrive 55 package, including the winder unit, power cable, adapters, and mounting hardware.

Setup and Installation

The Rollodrive 55 is designed for simple surface mounting, making it easy to install without opening the roller shutter box. This is particularly advantageous for tenants.

Preparation

- Ensure the roller shutter strap is compatible with either 14 mm (Mini) or 23 mm (Maxi) width. An adapter for 14 mm straps is

included.

- Verify that the existing mounting hole spacing is 230 mm.
- Choose a dry indoor location for installation.

Mounting Steps

1. **Remove Old Winder:** Carefully detach your existing manual strap winder from the wall.
2. **Position the Rollodrive 55:** Place the Rollodrive 55 over the existing wall opening. Its design often covers the wall box of the old winder, eliminating the need for renovation work.
3. **Secure the Device:** Use the provided fixing material to securely mount the Rollodrive 55 to the wall. The hole spacing for mounting is 230 mm.
4. **Insert the Strap:** Guide the roller shutter strap into the device. Use the appropriate adapter (Mini or Maxi) for your strap width.
5. **Connect Power:** Plug the 1.5 m power cable into a standard 230 V/50 Hz wall socket.

Image: Technical drawing showing the dimensions of the Rollodrive 55, including a 230 mm hole spacing.

Image: Front view of the Rollodrive 55, highlighting compatibility with 14-23 mm strap widths.

OPERATING INSTRUCTIONS

The Rollodrive 55 offers both manual and automatic operation modes.

Manual Operation

- Use the **Up** button to raise the roller shutter.
- Use the **Down** button to lower the roller shutter.
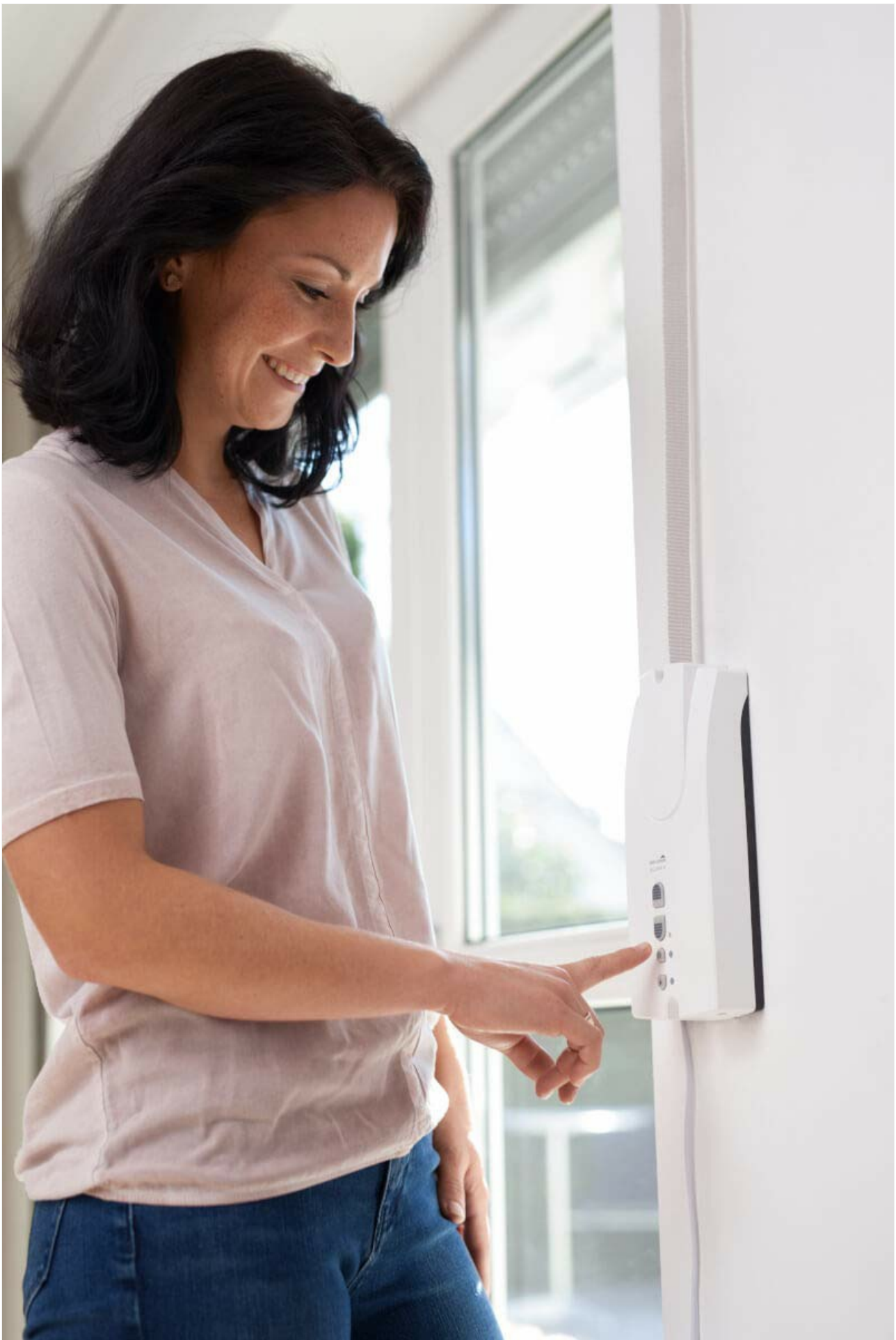- Press either button again to stop the shutter at any desired position.

Image: A person demonstrating the manual operation of the Rollodrive 55 by pressing a button.

Image: Close-up view of the control panel on the Rollodrive 55, showing the up/down buttons and indicator lights.

Setting End Positions

The upper and lower end positions of the roller shutter can be easily set by pressing a button. Refer to the detailed installation instructions included in your package for the precise procedure.

Automatic Operation (Time Programming)

The Rollodrive 55 allows for individual programming of opening and closing times. This feature enhances security by simulating presence and provides daily convenience.

- Consult the included installation instructions for detailed steps on how to program specific times for your roller shutters.
- The device features data and end position memory, ensuring settings are retained even after a power failure.

Safety Features

- **Automatic Obstacle Detection:** The system detects obstacles in the path of the roller shutter and stops movement to prevent damage to objects or injury to persons.
- **Anti-blocking Protection:** This feature prevents the motor from overheating or being damaged if the roller shutter encounters resistance.

Optional Solar Sensor

The Rollodrive 55 can be extended with an optional solar sensor (not included). This sensor enables the roller shutters to operate based on incident sunlight intensity, providing intelligent light and heat control.

Maintenance

The Schellenberg Rollodrive 55 is designed for low maintenance. Regular cleaning and inspection are recommended.

- **Cleaning:** Wipe the exterior of the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the roller shutter strap for wear and tear. Ensure the strap runs freely and is not frayed.
- **Functionality Check:** Test the manual and automatic functions regularly to ensure proper operation.

No internal maintenance is required. Do not open the device casing.

Troubleshooting

If you encounter issues with your Rollodrive 55, consider the following:

- **Device not responding:**

  - Check if the power cable is securely plugged into the wall socket.

- Verify that there is power to the outlet.

- **Roller shutter stops unexpectedly:**

  - The automatic obstacle detection may have been triggered. Check for any obstructions in the path of the roller shutter.
  - Ensure the roller shutter itself is operating smoothly and not binding in its tracks.

- **Roller shutter does not reach desired end positions:**

  - The end positions may need to be reset. Refer to the "Setting End Positions" section in your detailed instructions.

- **Buttons seem to operate in reverse:**

  - This indicates a potential programming error or an issue with the device's internal logic. Try resetting the device by unplugging it for a few minutes and then re-plugging it. If the issue persists, consult the full instruction manual or contact customer support.

For persistent issues not resolved by these steps, please contact Schellenberg customer support.

SPECIFICATIONS

Model Number	22725
Dimensions (Front)	245 x 101 mm
Dimensions (Side)	245 x 40 mm
Hole Spacing	230 mm
Max. Traction Force	30 kg
Operating Voltage	230 V / 50 Hz
Rated Power	Approx. 70 W
Standby Power	Approx. 1 W
Nominal Torque	Approx. 8 Nm
Nominal Speed	Approx. 36 rpm
Intermittent Operation	4 minutes
Protection Type	IP20
Protection Class	II (for dry rooms only)
Max. Roller Shutter Area (Plastic)	5.0 m²
Max. Roller Shutter Area (Aluminum)	2.5 m²
Compatible Strap Widths	14 mm (Mini) or 23 mm (Maxi)
Power Cable Length	1.5 m
Material	Acrylonitrile Butadiene Styrene (ABS)

Note: Maximum roller shutter area may vary depending on material, construction type, and weight of the roller shutter. The maximum traction force of the strap winder must not be exceeded.

WARRANTY INFORMATION

Specific warranty details for the Schellenberg Rollodrive 55 are not provided in the product description. Please refer to the warranty card included with your product or visit the official Schellenberg website for the most up-to-date warranty terms and conditions.

SUPPORT

For further assistance, technical support, or inquiries regarding your Schellenberg Rollodrive 55, please contact the manufacturer directly:

- **Brand:** Schellenberg
- **Website:** www.schellenberg.de (or your regional Schellenberg website)
- Refer to the contact information provided in your product packaging for specific customer service details.