

Rademacher 36500512

Rademacher 36500512 Built-in Timer Instruction Manual

Model: 36500512

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rademacher 36500512 Built-in Timer. Please read this manual thoroughly before installation and use to ensure safe and efficient operation of the device. Keep this manual for future reference.

PRODUCT FEATURES

The Rademacher 36500512 Built-in Timer offers advanced functionality for automated control of electrical devices. Key features include:

- **Daily and Weekly Programming:** Set specific on/off times for each day of the week.
- **Daylight-Dependent Program (Astro Function):** Automatically adjusts switching times based on sunrise and sunset.
- **Dawn/Dusk Sensor Compatibility:** Connect an external sensor for enhanced light-dependent control.
- **Automatic Summer/Winter Time Change:** The timer automatically adjusts for daylight saving time.
- **Backup Battery:** Retains settings and time during power outages.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Electrical installation should only be performed by a qualified electrician in accordance with local wiring regulations and standards. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect power at the main circuit breaker before installing or servicing the device.
- Do not install in wet or damp locations.
- Ensure all connections are secure and properly insulated.
- Do not exceed the maximum load rating of the timer.
- Keep the device away from children.

PACKAGE CONTENTS

Please check that all items are present in the package:

- Rademacher 36500512 Built-in Timer Unit
- Instruction Manual
- Mounting Screws (if applicable)

INSTALLATION AND INITIAL SETUP

The Rademacher 36500512 is designed for flush-mounted installation. It is recommended that installation be carried out by a qualified electrician.

1. Mounting the Timer

1. **Power Disconnection:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Prepare the Wall Box:** The timer is designed to fit into a standard flush-mounted wall box.
3. **Wiring:** Connect the electrical wires to the terminals on the back of the timer according to the wiring diagram provided in the separate wiring instructions (not part of this manual). Ensure correct phase, neutral, and load connections.
4. **Secure the Unit:** Carefully place the timer into the wall box and secure it using the provided mounting screws.
5. **Attach Front Panel:** Snap the front panel with the display and buttons onto the mounted unit.



Image 1: Front view of the Rademacher 36500512 Built-in Timer with its unlit display and control buttons. This shows the overall aesthetic and button layout before power-up.

2. Initial Power-Up and Basic Settings

1. **Restore Power:** Once installation is complete and secure, restore power at the main circuit breaker.
2. **First Use:** The display will illuminate. You may need to set the current time and date.
3. **Setting Time and Date:** Use the **M** (Menu) button to navigate and the **Up/Down** arrows to adjust values. Confirm with **OK**. Refer to the "Operating Instructions" section for detailed navigation.

OPERATING INSTRUCTIONS

The Rademacher 36500512 timer is controlled via its integrated display and buttons. Familiarize yourself with the controls:

- **M Button:** Accesses the main menu and navigates through options.
- **Up/Down Arrows:** Adjust values, scroll through menu items, or manually control the connected device (e.g., blinds).
- **OK Button:** Confirms selections and saves settings.



Image 2: Front view of the Rademacher 36500512 Built-in Timer with its display illuminated, showing the current time (14:31) and indicating 'AUTO' mode, along with various status icons.

1. Setting Current Time and Date

1. Press **M** to enter the main menu.
2. Navigate using **Up/Down** arrows to find "Time/Date" or similar option. Press **OK**.
3. Adjust hours, minutes, day, month, and year using **Up/Down** arrows and confirm each with **OK**.
4. Exit the menu by pressing **M** repeatedly or waiting for timeout.

2. Programming Daily/Weekly Schedules

1. Press **M** to enter the main menu.
2. Select "Program" or "Schedule" and press **OK**.
3. Choose between "Daily Program" or "Weekly Program".
4. For each desired switching time (e.g., open, close), set the specific time and day(s) of the week. Use **Up/Down** to adjust and **OK** to confirm.
5. Save all settings before exiting the programming menu.

3. Astro Function (Daylight-Dependent Control)

The Astro function automatically adjusts switching times based on sunrise and sunset, which are calculated based on your geographical location (if configured) or a default setting. This provides a natural control rhythm.

1. Access the main menu with **M**.
2. Select "Astro" or "Daylight Program" and press **OK**.
3. Activate the function and configure any offset times (e.g., close 15 minutes after sunset) if available.
4. Ensure your location settings are accurate for optimal performance.

4. Manual Override

You can temporarily override the programmed schedule at any time:

- Press the **Up** or **Down** arrow buttons to manually activate or deactivate the connected device.
- The timer will return to its programmed schedule after the manual action is completed or after a set period, depending on the specific model's configuration.

MAINTENANCE

The Rademacher 36500512 Built-in Timer requires minimal maintenance.

- **Cleaning:** Wipe the surface of the timer with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Backup Battery:** The internal backup battery ensures settings are retained during power outages. This battery is typically long-lasting and not user-replaceable. If the timer consistently loses settings after power interruptions, professional service may be required.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer display is blank.	No power supply.	Check circuit breaker and wiring connections. Ensure power is restored.
Timer does not switch at programmed times.	Incorrect programming; Manual override active; Astro function interfering.	Review programmed schedules. Deactivate manual override. Check Astro settings. Ensure the timer is in automatic mode.
Time/Date is incorrect after power outage.	Backup battery depleted or faulty.	Reset time and date. If issue persists, contact customer support for service.
Buttons are unresponsive.	Temporary software glitch; Physical damage.	Try cycling power to the unit (turn off at breaker, wait 30 seconds, turn on). If issue persists, contact customer support.

SPECIFICATIONS

Brand	Rademacher
Model Number	36500512
Voltage	230 Volts
Material	Plastic
Product Dimensions (L x W x H)	4.8 x 8 x 8 cm
Item Weight	159 g
Color	Ultra-white

WARRANTY AND CUSTOMER SUPPORT

Your Rademacher 36500512 Built-in Timer is covered by a manufacturer's warranty. Please refer to the warranty card included

with your purchase for specific terms and conditions.

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Rademacher customer support through their official website or the retailer where the product was purchased.