Elero TempoTec 28 040.0001

elero TempoTec 28 040.0001 Roller Shutter and Blind Timer Instruction Manual

1. INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your elero TempoTec 28 040.0001 timer for roller shutters and blinds. Please read this manual carefully before using the device to ensure safe and efficient operation. Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

- Ensure that installation and electrical connections are performed by a qualified electrician in accordance with local regulations.

- Disconnect power before performing any installation, maintenance, or repair work.

- Do not expose the device to moisture, extreme temperatures, or direct sunlight.

- Do not open the device casing. There are no user-serviceable parts inside.

- Keep the device out of reach of children.

3. PRODUCT OVERVIEW

The elero TempoTec 28 040.0001 is a versatile timer designed for automated control of roller shutters and blinds. It features a simple interface, voice guidance, and advanced programming options to enhance convenience and energy efficiency.

Key Features:

- Simple timer functionality for daily scheduling.

- Voice guidance available in 15 languages for easy navigation.

- Basic astronomical program, globally adjustable, to synchronize with sunrise and sunset.

- Automatic summer/winter time change.

- Holiday program to simulate presence while away.

Figure 3.1: Front view of the elero TempoTec 28 040.0001 timer, showing the display, control buttons, and the elero logo. The device is white with a central display and buttons arranged to its right.

4. SETUP

4.1 Installation

The TempoTec 28 040.0001 timer can be installed in various ways:

- **Flush-mounted:** For standard flush-mounted boxes with a diameter of 58 mm.
- **Wall installation:** Direct integration into the wall.
- **Surface-mounted:** Using an appropriate surface-mounted housing (AP-Gehäuse).

Ensure all electrical connections are made correctly and securely by a qualified professional. Refer to the wiring diagram provided with the product packaging for specific connection details.

4.2 Initial Configuration

The device is factory preset. Upon initial power-up, you may need to set the current time, date, and desired language. Follow the on-screen prompts and voice guidance for a guided setup process. The voice guidance is available in 15 languages to assist you.

1. Power on the device.

2. Select your preferred language using the navigation buttons.

3. Set the current time and date.

4. Confirm settings to complete the initial configuration.

5. OPERATING INSTRUCTIONS

The TempoTec 28 040.0001 offers various modes of operation. Use the control buttons adjacent to the display to navigate menus and adjust settings. The integrated voice guidance system will assist you through the programming steps.

5.1 Simple Timer Function

Program specific times for your roller shutters or blinds to open and close daily. This is ideal for consistent daily routines.

- Access the "Timer" menu.
- Set desired opening times for morning.
- Set desired closing times for evening.
- Activate the simple timer program.

5.2 Astronomical Program

The astronomical program automatically adjusts opening and closing times based on sunrise and sunset, which vary throughout the year. This program is globally adjustable.

- Navigate to the "Astronomical Program" menu.
- Enter your geographical location or select a predefined region.
- Adjust any offsets if you wish for shutters to open/close slightly before or after actual sunrise/sunset.
- Activate the astronomical program.

5.3 Automatic Summer/Winter Time Change

The device automatically adjusts for daylight saving time (summer time) and standard time (winter time), eliminating the need for manual adjustments.

- Ensure this feature is enabled in the system settings.
- The timer will automatically switch at the designated dates and times.

5.4 Holiday Program

The holiday program simulates presence by varying the opening and closing times of your shutters or blinds within a set range, providing enhanced security while you are away.

- Access the "Holiday Program" menu.
- Set the start and end dates for your holiday period.
- The device will then randomly adjust programmed times within a specified window.
- Activate the holiday program before you leave.

6. MAINTENANCE

6.1 Cleaning

Clean the device surface with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these

can damage the casing and display.

6.2 Battery Replacement

The device uses a CR 2032 battery. If the display dims or settings are lost during power outages, the battery may need replacement. Refer to the product's internal diagram for battery compartment access. Ensure power is disconnected before replacing the battery.

7. TROUBLESHOOTING

- **Device not responding:** Check power supply. Ensure the device is correctly installed and connected.

- **Incorrect time/date:** Re-enter the correct time and date through the settings menu. Check if the automatic summer/winter time change is enabled.

- **Programs not executing:** Verify that the desired program (simple timer, astronomical, holiday) is activated. Check for any conflicting settings.

- **Voice guidance not working:** Check volume settings and ensure a language is selected.

If problems persist, consult a qualified electrician or contact elero customer support.

8. SPECIFICATIONS

Technische Daten	
Nennspannung	230-240 V AC / 50-60 Hz
Schaltstrom	5 A /250 V AC bei cos φ =1
Batterietyp	CR 2032
Schutzart	IP 20
Schutzklasse	II
Zulässige Umgebungstemeratur	0 bis +55 °C
Montageart	Unterputz ⌀ 58 mm Wandeinbau Aufputz in entsprechendem AP-Gehäuse

Figure 8.1: Technical specifications table for the elero TempoTec 28 040.0001 timer, detailing electrical ratings, battery type, protection class, operating temperature, and mounting options.

Technical Data

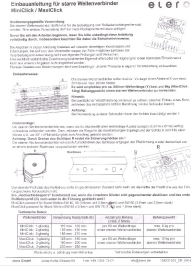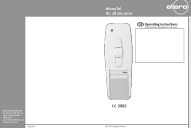| Nominal Voltage	230-240 V AC / 50-60 Hz
Switching Current	5 A / 250 V AC at cos φ = 1
Battery Type	CR 2032
Protection Class (IP)	IP 20
Protection Class	II
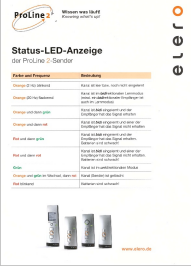
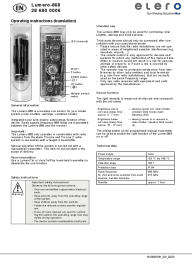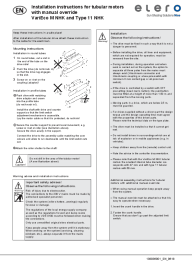| Permissible Ambient Temperature	0 to +55 °C
Mounting Type	Flush-mounted ø 58 mm, Wall installation, Surface-mounted in appropriate AP-housing

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official elero website. For technical support, troubleshooting assistance, or spare parts inquiries, please contact elero customer service directly. Contact details can typically be found on the manufacturer's website or in your product packaging.

Related Documents - TempoTec 28 040.0001

[elero ProLine 2 Sender: Status LED and Programming Guide](#)
User guide for elero ProLine 2 radio control senders, detailing status LED indicators and bidirectional programming procedures. Learn how to set up, manage, and troubleshoot your elero ProLine 2 system.

[Installation Guide for elero MiniClick / MaxiClick Rigid Shaft Connectors](#)
This document provides installation instructions for elero MiniClick and MaxiClick rigid shaft connectors, detailing their intended use, safety precautions, installation steps, and technical specifications.

[HELLA Cassette Awning CLEO 7040 Installation and Operating Instructions](#)
Comprehensive guide for the installation, operation, and maintenance of the HELLA Cassette Awning CLEO 7040, including safety instructions, technical data, and troubleshooting.

[elero MonoTel Radio Handheld Transmitter Operating Instructions](#)
Comprehensive operating instructions for the elero MonoTel radio handheld transmitter, covering safety, functions, programming, and troubleshooting.

[Elero Lumero-868 Wireless Sun Sensor Operating Instructions](#)
Detailed operating instructions for the Elero Lumero-868 wireless sun sensor, covering installation, programming, modes of operation, troubleshooting, and technical specifications for shade systems like roller shutters and awnings.

[elero VariEco M NHK and Type 11 NHK Tubular Motor Installation Guide](#)
Comprehensive installation instructions for elero VariEco M NHK and Type 11 NHK tubular motors, covering mounting, electrical connections, limit switch adjustment, and safety precautions.