Sonero X-MOT-10

Sonero Mechanical Timer X-MOT-10

User Manual

1. INTRODUCTION

Thank you for choosing the Sonero Mechanical Timer X-MOT-10. This device is designed to simplify the automatic control of your electrical appliances, helping you save energy and enhance convenience in your home. Its robust mechanical design ensures long-lasting and reliable performance.

The timer allows you to program on/off cycles for various devices such as lights, chargers, radios, and more, with precise 15-minute intervals over a 24-hour period. It is particularly useful for managing standby power consumption.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before using the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the timer is used with a power outlet that matches its specifications (max 3500 Watt, 250V).

- Do not overload the timer. Connect devices within the specified maximum wattage.

- This device is designed for indoor use only (IP20 rating). Do not expose it to water, moisture, or extreme temperatures.

- Do not open or attempt to repair the timer yourself. Refer all servicing to qualified personnel.

- Keep out of reach of children.

- **Important Note:** This timer is not suitable for the French system as it does not have a grounding hole compatible with that standard.

3. PACKAGE CONTENTS

The package includes:

- 1 x Sonero Mechanical Timer (Model: X-MOT-10)

- 1 x User Manual (Note: Manual content may vary by region and language)

4. PRODUCT OVERVIEW

Figure 4.1: Front view of the Sonero Mechanical Timer, showing the central socket and the 24-hour rotating dial with segments.

Figure 4.2: Side view illustrating the mechanical 24-hour timer, suitable for devices up to 3500 Watt, and highlighting the 96 switching segments.

The Sonero Mechanical Timer features a simple and intuitive design. It consists of a standard electrical socket, a 24-hour rotating dial, and a manual override switch on the side.

- **24-Hour Dial:** The large outer ring is marked with hours from 1 to 24.
- **Segments:** Around the dial, there are 96 push-down segments, each representing 15 minutes.
- **Manual Override Switch:** Located on the side, this switch allows you to bypass the timer function and keep the connected device continuously on or off.

5. SETUP

Setting up your Sonero Mechanical Timer is straightforward:

1. **Plug In:** Insert the timer into a standard wall socket.
2. **Set Current Time:** Rotate the 24-hour dial clockwise until the current time aligns with the arrow indicator on the timer's face. Ensure you distinguish between AM and PM hours (e.g., 1 PM is 13:00, 6 PM is 18:00).
3. **Program On/Off Times:** Push down the segments corresponding to the time periods you want the connected device to be **ON**. Each pushed-down segment represents 15 minutes of 'ON' time. Leave

segments in the 'UP' position for 'OFF' times.

4. **Connect Device:** Plug the appliance you wish to control into the timer's socket.

5. **Set Mode:** Ensure the manual override switch on the side is set to the timer mode (usually indicated by a clock icon or 'I' for automatic operation). If set to 'O' or a continuous 'ON' symbol, the timer function will be bypassed.

Figure 5.1: Detailed view of the timer's dial and manual override switch, showing how to set time-controlled on/off cycles with 15-minute precision.

6. OPERATING INSTRUCTIONS

Once set up, the timer will automatically switch your connected appliance on and off according to your programmed schedule. The internal mechanism will continuously rotate the dial, activating or deactivating the power based on the pushed-down segments.

- **Continuous Operation:** To keep the connected device continuously on, move the manual override switch to the 'ON' position (often indicated by a 'I' or a continuous line symbol). This bypasses the timer function.

- **Continuous Off:** To keep the connected device continuously off, simply unplug it from the timer or move the manual override switch to the 'OFF' position (often indicated by 'O').

- **Adjusting Schedule:** To change the schedule, simply push up or down the desired segments on the dial. Remember to reset the current time if the timer has been unplugged for an extended period.

Figure 6.1: The compact dimensions of the Sonero timer (8.00 cm height, 7.50 cm width, 4.00 cm depth) and its robust housing.

Figure 6.2: The timer is ideal for automated control of various devices such as pumps, chargers, fans, aquariums, lamps, and heating devices.

7. VERSATILE APPLICATIONS

The Sonero Mechanical Timer is highly versatile and can be used to automate a wide range of household and office appliances, helping to conserve energy and provide convenience. Common applications include:

- **Lighting:** Control indoor or outdoor lights, holiday decorations, or security lighting.
- **Chargers:** Prevent overcharging of mobile phones, tablets, or other electronic devices.
- **Fans:** Automate cooling or ventilation in rooms.
- **Aquariums:** Regulate lighting or filtration systems for aquatic environments.
- **Radios/Televisions:** Manage standby power consumption.
- **Small Appliances:** Coffee makers, slow cookers, or other devices that benefit from scheduled operation.

Figure 7.1: Visual representation of the timer's versatile applications, including fairy lights, chargers, fans, aquariums, lamps, and radios.

8. MAINTENANCE

The Sonero Mechanical Timer requires minimal maintenance to ensure its longevity and proper function.

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners, abrasive materials, or solvents.

- **Storage:** When not in use for extended periods, store the timer in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Inspection:** Periodically inspect the timer and its plug for any signs of damage, such as cracks, frayed wires, or loose connections. If any damage is found, discontinue use immediately and replace the unit.

9. TROUBLESHOOTING

If you encounter issues with your Sonero Mechanical Timer, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Timer not turning on/off at programmed times.	- Manual override switch is in the 'ON' or 'OFF' position. - Segments are not pushed down correctly. - Current time is not set correctly. - Timer is unplugged or power outage occurred.	- Ensure the manual override switch is set to the timer mode (clock icon or 'I' for automatic). - Verify that the correct segments are pushed down for 'ON' times. - Re-set the current time on the dial. - Check power supply to the outlet.
Connected device is not receiving power.	- Timer is not plugged in. - Device is not plugged into the timer correctly. - Power outage. - Timer is faulty.	- Ensure the timer is securely plugged into the wall outlet. - Ensure the device is securely plugged into the timer. - Check your home's power supply. - If other solutions fail, the timer may be faulty and require replacement.
Timer dial is not rotating.	- Timer is unplugged. - Internal mechanism fault.	- Ensure the timer is plugged into a live outlet. - If plugged in and still not rotating, the timer may be faulty.

10. SPECIFICATIONS

Feature	Specification
Brand	Sonero
Model Number	X-MOT-10
Type	Mechanical Timer
Color	White
Material	Plastic, Metal
Product Dimensions (L x W x H)	4 x 7.5 x 8 cm
Product Weight	132 Grams
Max Power Rating	3500 Watt
Ingress Protection (IP) Rating	IP20 (Indoor use only)

Feature	Specification
Programmable Intervals	15 minutes (96 segments per 24 hours)
Battery Required	No
First Available Date	November 1, 2022

11. W\ARRANTY AND S\UPPORT

Sonero products are designed for reliability and durability. While specific warranty details are not provided in this manual, please retain your proof of purchase for any potential warranty claims. For technical support, troubleshooting assistance, or inquiries about your Sonero Mechanical Timer, please refer to the contact information provided with your purchase or visit the official Sonero website.

12. E\NVIRONMENTAL P\ROTECTION

Please dispose of this product responsibly at the end of its lifespan. Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities for proper disposal. Contact your local authority for information regarding the recycling schemes available in your area. Recycling helps conserve natural resources and ensures that it is recycled in a manner that protects human health and the environment.