**Helios HS4201**

# Helios HS4201 Electronic Digital Timer Instruction Manual

Model: HS4201

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Helios HS4201 Electronic Digital Timer. Please read this manual thoroughly before use and retain it for future reference.



**Figure 1:** Helios HS4201 Electronic Digital Timer. This image displays the white digital timer with a standard European Type F (Schuko) socket on the front and a two-pin plug on the back. The top panel features a digital display and several control buttons.

## 2. SAFETY INFORMATION

- Ensure the timer is connected to a properly grounded 220V AC power outlet.
- Do not exceed the maximum load capacity of 3500W.
- This device is rated IP20, meaning it is protected against solid objects over 12.5mm but has no protection against water. Use only in dry indoor environments.
- Do not disassemble or attempt to repair the device. Refer all servicing to qualified personnel.
- Keep out of reach of children.

## 3. SETUP

### 3.1 Initial Power-Up

1. Plug the Helios HS4201 timer into a standard 220V wall outlet.
2. The digital display will illuminate. If the display is blank, ensure the timer is securely plugged in.
3. Allow the internal battery (for memory retention) to charge for approximately 15-30 minutes before programming.

### 3.2 Setting Current Time

Refer to the buttons on the top panel (e.g., "CLOCK", "HOUR", "MINUTE", "DAY").

1. Press and hold the **CLOCK** button.
2. While holding **CLOCK**, press the **DAY** button to set the current day of the week.
3. While holding **CLOCK**, press the **HOUR** button to set the current hour.
4. While holding **CLOCK**, press the **MINUTE** button to set the current minute.
5. Release the **CLOCK** button. The current time is now set.

## 4. OPERATING INSTRUCTIONS

### 4.1 Programming On/Off Cycles (Up to 10 Settings)

The Helios HS4201 allows for up to 10 distinct ON/OFF programming cycles.

1. Press the **PROG** button once. The display will show "1 ON".
2. Press **DAY** to select the day(s) for the first ON event (e.g., individual days, weekdays, weekends, all days).
3. Press **HOUR** to set the hour for the first ON event.
4. Press **MINUTE** to set the minute for the first ON event.
5. Press **PROG** again. The display will show "1 OFF".
6. Repeat steps 2-4 to set the day(s), hour, and minute for the first OFF event.
7. Continue pressing **PROG** to cycle through "2 ON", "2 OFF", up to "10 ON", "10 OFF", setting each as required.
8. After setting all desired programs, press the **CLOCK** button to exit programming mode and return to the current time display.

### 4.2 Manual Override

The **MANUAL** button (or similar, check device labeling) allows you to override the programmed settings temporarily.

- Press **MANUAL** once: Switches to ON (if currently OFF) or OFF (if currently ON) until the next programmed event.
- Press **MANUAL** multiple times: Cycles through modes like AUTO ON, AUTO OFF, ON, OFF. Select AUTO ON or AUTO OFF to re-engage programmed settings.

### 4.3 Resetting the Timer

To clear all settings and return the timer to its factory default state, locate the small **RESET** button (often recessed) and press it using a pointed object (e.g., a pen tip). The display will clear, and you will need to set the current time and reprogram all cycles.

## 5. MAINTENANCE

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the timer in a cool, dry place when not in use.
- **Battery:** The internal battery is for memory retention and is not user-replaceable. If the display frequently resets or loses settings, the internal battery may be depleted.

## 6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Display is blank. | No power. | Ensure the timer is securely plugged into a live 220V outlet. Check the circuit breaker. |
| Timer does not switch ON/OFF at programmed times. | Incorrect programming; Manual override active; Timer in OFF mode. | Review programmed settings. Press **MANUAL** to ensure it is in AUTO ON or AUTO OFF mode. |
| Settings are lost after power outage. | Internal battery depleted or not fully charged. | Plug the timer in for 15-30 minutes to charge the internal battery. If the issue persists, the internal battery may need replacement by a service professional. |
| Connected appliance does not turn on. | Appliance fault; Timer not supplying power; Overload. | Test the appliance directly in the wall outlet. Ensure the timer is in an ON state. Verify the appliance's power consumption does not exceed 3500W. |

## 7. SPECIFICATIONS

**Model:** HS4201

**Brand:** Helios

**Voltage:** 220V AC

**Max Load:** 3500W

**IP Rating:** IP20 (Indoor use only)

**Programmable Settings:** Up to 10 ON/OFF cycles

**Dimensions:** 8.5 x 3.81 x 11 cm (approx.)

**Weight:** 2.98 Kilograms (approx.)

**Battery Required:** No (Internal battery for memory retention, not user-replaceable)

## 8. WARRANTY INFORMATION

Helios products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact Helios customer support. This warranty typically covers defects in materials and workmanship under normal use.
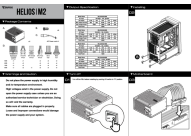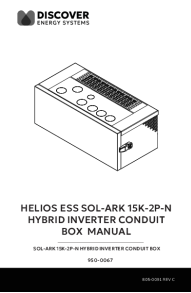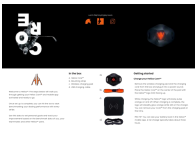
## 9. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your Helios HS4201 Electronic Digital Timer that are not addressed in this manual, please contact Helios customer support. Contact details can usually be found on the product packaging or the official Helios website.

*Please have your model number (HS4201) and purchase date available when contacting support.*

## Related Documents - HS4201

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|---|---|
|  | [CAIRE HELiOS 300 & 850 User Manual](#)<br>User manual for the CAIRE HELiOS 300 and 850 portable liquid oxygen systems, detailing operation, safety, and maintenance. |
|  | [GAMDIAS HELIOS M2 Power Supply Installation Guide](#)<br>A comprehensive guide to installing the GAMDIAS HELIOS M2 series power supply units (PSUs), including package contents, output specifications, and step-by-step installation instructions for PC components. |
|  | [HELIOS ESS Sol-Ark 15K-2P-N Hybrid Inverter Conduit Box Manual](#)<br>This manual provides installation and wiring instructions for the HELIOS ESS Sol-Ark 15K-2P-N Hybrid Inverter Conduit Box, enabling seamless connection between the Sol-Ark inverter and HELIOS ESS Lithium batteries. It covers safety precautions, components, specifications, and detailed wiring procedures for single and multiple battery configurations. |
|  | [Fantech Helios Go XD5 Pro Ergonomic Gaming Mouse User Manual](#)<br>Official user manual for the Fantech Helios Go XD5 Pro ergonomic gaming mouse, detailing features, setup, software, and specifications. Learn how to connect, customize settings, and use macros. |

|  | [Swim-Spa Helios von Spa Solutions: Technische Daten, Einbau & Komfort](#)<br>Entdecken Sie den Swim-Spa Helios von Spa Solutions. Umfassende technische Daten, detaillierte Einbauanleitungen und Informationen zu Komfortmerkmalen für Ihr Wellnesserlebnis. |
|  | [Helios Core User Guide: Setup and Performance Tracking](#)<br>A comprehensive guide to setting up and using the Helios Core wearable device for hockey performance tracking, including app integration and charging instructions. |