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› [G-Homa Outdoor Dusk to Dawn Light Sensor Timer \(Model OT1004D\) Instruction Manual](#)

G-Homa OT1004D

G-Homa Outdoor Dusk to Dawn Light Sensor Timer (Model OT1004D) Instruction Manual

Brand: G-Homa | Model: OT1004D

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your G-Homa Outdoor Dusk to Dawn Light Sensor Timer. Please read this manual thoroughly before use and retain it for future reference.



Image: Two G-Homa Outdoor Dusk to Dawn Light Sensor Timers, showing the main unit with a dial and two grounded outlets, and the attached power plug.

2. SAFETY INFORMATION

- For outdoor use, mount the timer vertically at least 2 feet (0.6 meters) above the ground.
- Ensure the timer is securely plugged into a grounded outlet.
- Do not immerse the timer in water. It is designed to be weatherproof, but not submersible.
- Do not exceed the maximum electrical rating of 125 Volts, 15A, 1875W Resistive, 1/2HP.
- Keep the light sensor clear of obstructions and direct artificial light sources to ensure proper dusk-to-dawn functionality.
- Always unplug the timer from the power source before performing any maintenance or adjustments.



Image: The G-Homa timer is shown in a rainy outdoor setting, emphasizing its weatherproof design. The image includes icons for sun, rain, and snow, indicating suitability for various weather conditions.

3. PACKAGE CONTENTS

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4. PRODUCT FEATURES

- **Weatherproof Design:** Constructed with heavy-duty material for outdoor use, resistant to rain and snow.
- **Photocell Sensor:** Automatically turns connected devices ON at dusk and OFF at dawn.
- **Multiple Timer Functions:**
 - ON at dusk, OFF after 2h/4h/6h/8h (Countdown functions).
 - Always ON.
 - Always OFF.
 - ON at dusk, OFF at dawn (DUSK-DAWN function).
- **Dual Grounded Outlets:** Features two grounded outlets to control multiple devices simultaneously.
- **Easy Operation:** Simple dial control for mode selection.
- **CSA Listed:** Certified for safety and quality.

7 TIMER FUNCTION

Daily Cycle & Countdown
15A Max | 1875W | 1/2HP



Image: A close-up of the G-Homa timer's dial, highlighting the seven timer functions including Always ON/OFF, ON at Dusk/OFF at Dawn, and ON at Dusk with countdown options (2, 4, 6, or 8 hours later).

5. SETUP AND OPERATING INSTRUCTIONS

Initial Setup:

1. Plug the G-Homa timer into a grounded outdoor electrical outlet.
2. Ensure the timer is mounted vertically at least 2 feet above the ground to prevent water accumulation and ensure proper sensor function.
3. Connect your outdoor lights or electrical appliances to the two grounded outlets on the timer.

Selecting a Mode:

The timer features a rotary dial for selecting different operating modes. There are two methods for switching modes:

- **Method 1 (Immediate Response):** If the timer has just been plugged in or re-energized (within the first 5 minutes), simply rotate the dial to your desired mode. The timer will respond immediately.
- **Method 2 (Delayed Response):** If the timer has been energized for more than 5 minutes, rotate the dial to the desired mode, then wait approximately 40 seconds for the mode change to take effect.

The "ON/OFF" mode is not affected by the 40-second waiting period and responds immediately.

Available Modes:

- **ON (Continuous):** Devices remain continuously powered.
- **OFF (Deactivates Timers):** Devices remain continuously off.
- **DUSK-DAWN:** Devices turn ON automatically at dusk and OFF at dawn. Ensure the photocell sensor is not obstructed and is away from artificial light sources.
- **2H / 4H / 6H / 8H (Countdown):** Devices turn ON at dusk and remain ON for the selected duration (2, 4, 6, or 8 hours), then turn OFF. During daytime, there is no output in these modes. If exposed to other light sources for 40 seconds, the countdown will stop; it will restart from the beginning when returning to a dark state.



Image: A visual guide demonstrating two methods for switching modes on the G-Homa timer: Method 1 involves unplugging and replugging for immediate response within 5 minutes, while Method 2 requires rotating the dial and waiting 40 seconds for the mode to take effect.

Image: A detailed diagram of the G-Homa timer, pointing out its key features: the operating dial with various settings, the light sensor for automatic dusk-to-dawn function, two grounded outlets, and its waterproof construction.

Your browser does not support the video tag.

Video: An official G-Homa video demonstrating the setup and basic operation of the Dusk to Dawn Timer, including how to select different modes and connect devices.

6. MAINTENANCE

- Regularly inspect the timer and connected cords for any signs of damage or wear.
- Keep the photocell sensor clean and free from dirt, debris, or snow to ensure accurate light detection. Use a soft, damp cloth for cleaning.
- Ensure the protective cover over the dial is properly closed when not making adjustments to maintain weather resistance.
- Store the timer in a dry, protected area when not in use for extended periods.

7. TROUBLESHOOTING

If your G-Homa timer is not functioning as expected, refer to the following common issues and solutions:

- Issue:** When switching modes, the corresponding mode does not work immediately.
Solution: If the timer has been energized for more than 5 minutes, you need to wait for more than 40 seconds after rotating the dial for the mode to respond. For modes that rely on the light sensor (DUSK-DAWN, 2H/4H/6H/8H), cover the light sensor hole with your finger during this 40-second wait to simulate darkness and help the mode switch take effect successfully.
- Issue:** All settings are correct, but the timer is not working.
Solution: Unplug the timer from the power supply. Reset the mode by rotating the dial to the desired setting. Cover the light sensor hole with your finger and plug the timer back in. Also, check if the timer is too close to an artificial light source that might interfere with the light sensor.
- Issue:** The light sensor does not seem to be working correctly.
Solution: Ensure the light sensor is facing natural sunlight and is not obstructed by objects or exposed to direct artificial light sources (e.g., a porch light) that could prevent it from accurately detecting dusk or dawn. If the timer is near an artificial light source, try relocating it or shielding the sensor from that light.

Your browser does not support the video tag.

Video: An official G-Homa video providing fault resolution steps for common issues with the Dusk to Dawn Timer, including mode switching and light sensor problems.

8. SPECIFICATIONS

Attribute	Detail
Model Number	OT1004D
Product Dimensions	3.7 x 2.2 x 6.8 inches
Item Weight	14.9 ounces
Electrical Rating	125 Volts, 15A, 1875W Resistive, 1/2HP
Outlets	2 Grounded Outlets
Material	Plastic
Color	Black
Certifications	CSA Listed
Number of Settings	7 (ON, OFF, DUSK-DAWN, 2H, 4H, 6H, 8H)



Image: A technical drawing of the G-Homa timer with key dimensions labeled in inches and millimeters, providing precise measurements of the device.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact G-Homa directly through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

