

Legrand LEG04704

Legrand LEG04704 Multifunction Timer User Manual

Model: LEG04704

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of the Legrand LEG04704 Multifunction Timer. Please read these instructions carefully before installation and retain them for future reference.

The Legrand LEG04704 is a single-module multifunction timer designed for controlling lighting circuits with adjustable timing and various load types. It operates on a 230V~ 50/60Hz power supply and provides a 16A 250V output.

2. PRODUCT FEATURES

- **Module Count:** 1 module.
- **Power Supply:** 230 V~ 50/60 Hz.
- **Output:** 16 A - 250 V~ ($\cos \phi = 1$).
- **Adjustable Timing:** From 0.5 to 12 minutes.
- **Load Compatibility:**
 - Incandescent lamps: 3680 W
 - Halogen lamps (230 V~): 2000 W
 - Halogen lamps with ferromagnetic transformer: 500 W
 - Halogen lamps with electronic transformer: 2000 W
 - Compact fluorescent lamps: 1000 VA
 - Fluorescent lamps (parallel compensated, $\leq 100 \mu\text{F}$): 1000 VA
 - Energy-saving lamps: 1000 W
- **Wiring:** Automatic recognition for 3 or 4-wire operation.
- **Control Inputs:** Separate inputs (8-230V) for presence detection or intercom lighting control.
- **Functions:** End-of-timing pre-warning, 1-hour long duration function, and manual override.
- **Protection:** Self-protection mechanism in case of a blocked push-button.
- **Compatibility:** Accepts supply busbars.

- **Environmental:** Recyclable materials.

3. SAFETY INFORMATION

WARNING: Electrical installation should only be performed by qualified personnel in accordance with national wiring regulations and safety standards.

- Always disconnect the main power supply before performing any installation, maintenance, or wiring work.
- Ensure proper grounding where required.
- Do not exceed the specified load ratings for the timer.
- Protect the device from moisture, dust, and extreme temperatures.
- Verify all connections are secure before restoring power.

4. INSTALLATION

The Legrand LEG04704 timer is designed for DIN rail mounting within an electrical enclosure.





Image showing the Legrand LEG04704 multifunction timer. It is a grey, single-module device designed for DIN rail mounting. Visible features include screw terminals labeled 'N' and 'B' at the top, a timing adjustment dial marked from 0.5 to 12 minutes, and a manual override switch below it. The Legrand logo and model number '0047 04' are also visible. Lower terminals are labeled 'L' and '4'.

4.1. Mounting

1. Ensure the main power supply to the installation is disconnected.
2. Clip the timer onto a standard DIN rail inside a suitable electrical enclosure.

4.2. Wiring Connections

Refer to the wiring diagram provided with the product and the labels on the device. The timer automatically recognizes 3 or 4-wire operation.

- **N:** Neutral connection.
- **B:** Input for control push-button (e.g., from a switch or presence detector).
- **L:** Live (Phase) input connection.
- **4:** Switched Live (Phase) output to the load (e.g., lighting circuit).

Ensure all wire connections are tight and secure. Use appropriate wire gauges for the load current.

5. OPERATING INSTRUCTIONS

5.1. Setting the Timer Duration

The timing duration can be adjusted using the rotary dial on the front of the device. Use a small screwdriver to turn the dial to the desired time setting, ranging from 0.5 minutes to 12 minutes.

5.2. Manual Override Switch

The timer features a manual override switch, typically located below the timing dial. This switch allows for continuous operation or manual OFF, bypassing the timed function. Refer to the symbols on the device for specific positions (e.g., timed operation, continuous ON, continuous OFF).

5.3. Special Functions

- **Pre-warning Function:** The timer may provide a visual indication (e.g., a brief flicker of the light) before

the end of the timing period, allowing users to react before the light switches off.

- **Long Duration Function:** A specific input or sequence might activate a 1-hour timing period, useful for extended lighting needs.

6. MAINTENANCE

The Legrand LEG04704 timer requires minimal maintenance.

- Ensure the power supply is disconnected before cleaning.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- There are no user-serviceable parts inside the device. Do not attempt to open or repair the timer.

7. TROUBLESHOOTING

- **Timer not activating:**
 - Check if the main power supply is connected and active.
 - Verify all wiring connections (L, N, B, 4) are correct and secure.
 - Ensure the control push-button is functioning correctly.
 - Check the manual override switch position.
- **Incorrect timing duration:**
 - Adjust the rotary dial to the desired time setting.
- **Load not switching off:**
 - Check the manual override switch position; it might be set to continuous ON.
 - Ensure the load does not exceed the maximum specified rating.
- If issues persist, consult a qualified electrician or contact Legrand customer support.

8. SPECIFICATIONS

Brand	Legrand
Model	LEG04704
Power Supply	230 V~ 50/60 Hz
Output Current	16 A
Output Voltage	250 V~ (cos φ = 1)
Timing Range	0.5 to 12 minutes
Module Size	1 module
Material	PVC
Color	Grey
Item Weight	92 Grams
GTIN	03245060047047

9. WARRANTY AND SUPPORT

Legrand products are manufactured to high-quality standards and are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Legrand website.

For technical support, troubleshooting assistance, or inquiries regarding your Legrand LEG04704 Multifunction Timer, please contact Legrand customer service through their official channels.