

Haofy Haofyuxp2r4c8gk-01

Haofy Programmable Weekly Digital Timer

Model: Haofyuxp2r4c8gk-01 (12V English Version)

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Haofy Programmable Weekly Digital Timer. This device is designed to automatically control electrical equipment based on user-defined schedules, offering convenience and energy efficiency for various applications in home and office environments.

SAFETY INFORMATION

- Ensure the timer is installed by a qualified professional if you are unsure about electrical wiring.
- Do not exceed the specified current and power ratings to prevent damage or hazards.
- Keep the device away from water, excessive moisture, and extreme temperatures.
- Disconnect power before performing any wiring, installation, or maintenance.

PRODUCT OVERVIEW

The Haofy Digital Timer features an LCD display, control buttons, and terminal connections for power input and output. It is designed for DIN rail installation, providing a compact and integrated solution for your timing needs.



Figure 1: Front view of the Haofy Programmable Digital Timer with the protective cover open, showing the LCD screen and control buttons.



Figure 2: Close-up view of the timer's LCD display and the blue control buttons (P, D+, H+, M+, Reset, Manual C/R).

Key Components:

- **LCD Display:** Shows real-time, program settings, and operating status (ON/AUTO/OFF).
- **Control Buttons:** Used for programming and manual operation (P, D+, H+, M+, Reset, Manual C/R).
- **Terminal Connections:** For power input (L, N) and output (NO, NC, COM) to control external devices.
- **Reset Button:** Clears all settings and returns the timer to its default state.

SETUP

Initial Use:

1. When using the timer for the first time, connect it to an AC power source to charge the inbuilt battery.
2. Press the **RESET** button (located next to the 'time' button) to clear all factory settings and ensure proper operation.

Time Mode Setting (12-hour/24-hour):

1. The timer is set to 24-hour mode by default.
2. To switch to 12-hour mode, press and hold the **"time"** button (bottom left, next to "RESET") for 5 seconds until "AM" appears on the display.
3. To revert to 24-hour mode, press and hold the **"time"** button again for 5 seconds.

Wiring Diagram:

Refer to the diagram below for correct wiring connections. It is crucial to ensure that power is disconnected from the circuit before performing any wiring.



Figure 3: Side view of the timer showing the wiring diagram for input (L, N) and output (NO, NC, COM) connections.

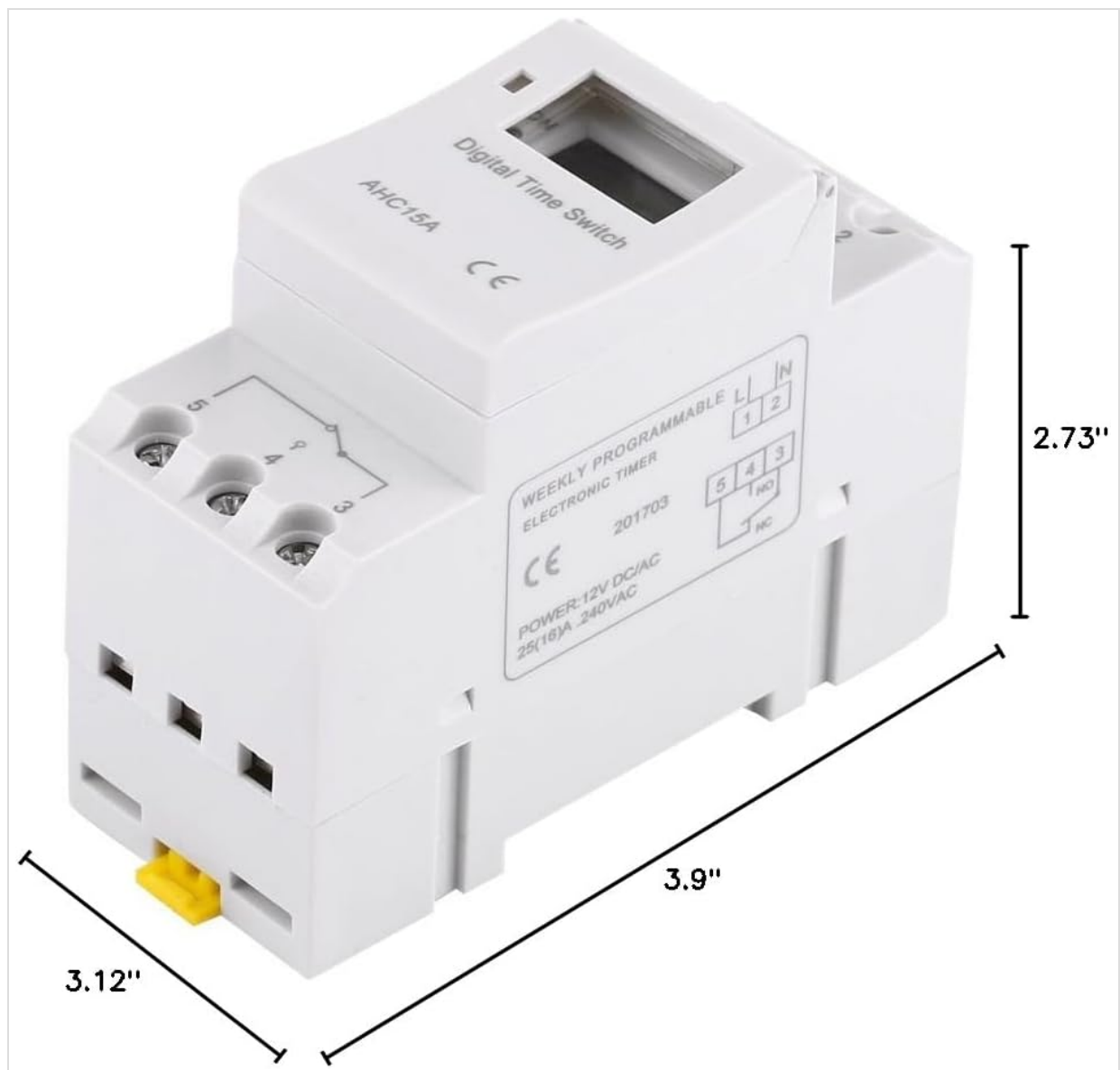


Figure 4: Dimensional drawing of the Haofy Digital Timer, indicating its physical size for installation planning.

OPERATING INSTRUCTIONS

Programming ON/OFF Settings:

The timer supports up to 16 ON/OFF program settings. Follow these steps to program your desired weekly schedule:

Step	Button	Action
1	P	Press to enter programming mode and set the first "1 ON" time (display shows "1 ON").
2	D+	Select the desired days of the week for this ON event. (If the setting applies to every day, this step can be skipped).
3	H+ / M+	Set the desired hours and minutes for the "ON" time.
4	P	Press to set the corresponding "1 OFF" time (display shows "1 OFF").

Step	Button	Action
5	D+	Select the desired days of the week for this OFF event. (If the setting applies to every day, this step can be skipped).
6	H+ / M+	Set the desired hours and minutes for the "OFF" time.
7	Repeat steps 2 to 6	Continue to set other ON/OFF times (up to 16 pairs) as needed.
8	"time" button	Press this button (bottom left, next to "RESET") to exit programming mode and return to the real-time display.

Manual Control (ON/AUTO/OFF):

The **MANUAL C/R** button allows you to temporarily override programmed settings or switch between operating modes:

- Press **MANUAL C/R** repeatedly to cycle through the following modes:
 - **ON:** The connected device will remain continuously ON, ignoring all programmed OFF times.
 - **OFF:** The connected device will remain continuously OFF, ignoring all programmed ON times.
 - **AUTO:** The timer will operate according to the programmed ON/OFF schedules. This is the standard operating mode for automated control.

MAINTENANCE

- Clean the timer's exterior with a dry, soft cloth. Do not use abrasive cleaners, solvents, or liquids.
- Ensure the internal battery is charged periodically by connecting the timer to power, especially if the device is stored for extended periods without use.
- Regularly inspect wiring connections to ensure they remain secure and free from corrosion.

TROUBLESHOOTING

Common Issues and Solutions:

- **Timer not turning ON/OFF as programmed:**
 - Verify that the timer is set to **AUTO** mode.
 - Double-check all program settings (ON/OFF times and selected days of the week) for accuracy.
 - Ensure the internal battery is sufficiently charged.
- **Display is blank or unreadable:**
 - Check the main power supply to the timer.
 - Confirm that the internal battery is charged. If the timer has been without power for a long time, it may need to charge for a few minutes before the display becomes active.
- **"a" character appears in the lower left corner of the display:**
 - This indicates that the control switch is locked. To unlock, press the **MANUAL C/R** button four

times in quick succession.


SPECIFICATIONS

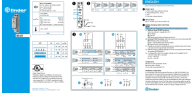
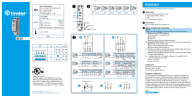


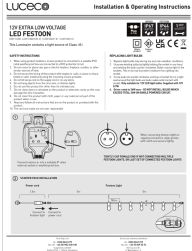
Feature	Detail
Input Voltage	AC/DC12V (This model)
Current Rating	15A
Power	3000W
Switching Capacity (Resistive)	16A
ON/OFF Operations	16 ON and 16 OFF (manual/auto)
Display	LCD
Time Error	≤2s/day
Mounting Method	DIN rail (not included)
Minimum Interval	1 minute
Operating Temperature	-10°C to 55°C
Dimensions	86 x 36 x 65mm (3.38 x 1.41 x 2.56 inches)
Battery	1.2V 40mAh NiMH battery (built-in)
Item Weight	4.8 ounces / 135 Grams

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Haofy customer service through the retailer where the product was purchased or visit the official Haofy website. Please have your model number (Haofyuxp2r4c8gk-01) and purchase date available when seeking assistance.

Related Documents - Haofyuxp2r4c8gk-01

	<p>Sonora DTM-01 Weekly and Daily Digital Timer User Manual</p> <p>User manual for the Sonora DTM-01 weekly and daily digital timer, covering initial operation, programming, safety instructions, and features.</p>
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	<p>Finder 80.01 Modular Timer: Multi-Function Guide</p> <p>Discover the Finder 80.01 modular timer, a multi-function device with adjustable time scales and various operating modes. This guide provides wiring diagrams, functions, and technical specifications for optimal use.</p>
	<p>Finder 80.01 Modular Multi-Function Timer: Technical Specifications and Wiring</p> <p>Detailed technical specifications, wiring diagrams, and functional descriptions for the Finder 80.01 modular multi-function timer. Includes operating conditions and product features.</p>
	<p>Finder 14 SERIES Electronic Staircase Timers 10-16A Product Datasheet</p> <p>Comprehensive datasheet for Finder's 14 SERIES Electronic Staircase Timers (10-16A). Features multi-function and mono-function models with detailed specifications, wiring diagrams, and function descriptions for staircase lighting control.</p>
	<p>Surplife App User Manual: Connecting and Controlling Smart Lights</p> <p>Comprehensive guide to downloading the Surplife app, connecting your smart lights to Wi-Fi, and exploring various app functions like colorful lighting, dynamic effects, music rhythm, timers, and group control.</p>
	<p>Luceco 12V LED Festoon Lights Installation & Operating Instructions LEXFS Series</p> <p>Get detailed installation and operating instructions for Luceco 12V Extra Low Voltage LED Festoon lights (LEXFS10B27UK-01, LEXFS5B27-01, LEXFS3EX-01). Learn about safety, bulb replacement, and connection methods for your outdoor lighting.</p>