

Jopwkuin Jopwkuinm65y4z37qc

Jopwkuin Programmable AC85-265V Digital Timer Instruction Manual

Model: Jopwkuinm65y4z37qc

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jopwkuin Programmable AC85-265V Digital Timer. Please read this manual thoroughly before using the device to ensure proper function and safety. This timer is designed for controlling various high-power appliances, including pool pumps, heaters, filters, and other motor-driven devices, in both outdoor and indoor environments.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock. Installation should be performed by a qualified electrician.

- Always disconnect power at the circuit breaker before installing or servicing the timer.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not exceed the specified voltage and current ratings of the device.
- Keep the device away from flammable materials.
- Do not open the timer casing unless instructed to do so for wiring purposes.

3. PRODUCT OVERVIEW

The Jopwkuin Digital Timer is a versatile programmable time switch designed for automated control of electrical devices. It features a clear LCD display and robust construction suitable for various applications.



Image: Front view of the Jopwkuin Programmable Digital Timer enclosed in its waterproof housing, with the clear cover slightly open, revealing the LCD screen and control buttons.

Key Features:

- **Versatile Scheduling:** Supports up to 28 ON/OFF schedules for 7-day cycles or single-day settings.
- **Multiple Modes:** Includes options for 'Always ON', 'Always OFF', 'Automatic ON/OFF', and Daylight Saving Time modes.
- **Built-in Battery Backup:** Retains programmed settings during power outages, eliminating the need for resetting. The internal lithium-ion battery provides backup for up to 15 days.
- **Durable Construction:** Features a flame-retardant and waterproof PC casing, designed to withstand outdoor conditions. Two outlet holes prevent water ingress into the wiring box.
- **Wide Operating Temperature:** Functions reliably in temperatures ranging from -10°C to +55°C.
- **LCD Display:** Provides clear visibility of current time, day, and programming status.



TIMER SWITCH

Up to 28 on/off schedules

Used for 7 day cycle or single day settings

Multiple Modes

With always on/off, automatic on/off, and daylight saving time mode options

Built in Battery, Maintain Settings

No need to repeat settings during power outages, no longer worrying about losing previous time and settings



Image: The Jopwkuin Digital Timer with an overlay listing its key features, such as 28 ON/OFF schedules, multiple modes, and built-in battery.

4. SPECIFICATIONS

Parameter	Value
Item Type	Timer Switch
Model Number	Jopwkuinm65y4z37qc
Material	Polycarbonate (PC)
Rated Voltage	AC85-265V
Line Quantity Conversion Switch	SPDT
Error Correcting	≤2 Seconds Per Day (at 25°C)
ON/OFF Programs	Up to 28 times
Power Consumption	4.5 VA (Maximum)

Parameter	Value
Service Life (Mechanical)	10 ⁷ cycles
Service Life (Electrical)	10 ⁵ cycles
Display	LCD Screen
Shortest Interval	1 Minute
Operating Temperature	-10°C to +55°C
Operating Humidity	35 to 85%RH
Storage Power Supply	1 x Lithium Ion Battery 200mAh (Built-in)
Battery Backup	≤15 Days
Product Dimensions	5.9 x 3.93 x 2.75 inches (15 x 10 x 7 cm)
Item Weight	11.9 ounces (337 grams)

5. SETUP AND INSTALLATION

5.1 Package Contents

Before installation, verify that all items listed below are present in the package:

- 1 x Timer Switch (Upper and Lower Shell)
- 2 x Waterproof Connector
- 2 x Sealing Ring
- 6 x Screw
- 2 x Waterproof Gland
- 4 x Wall Anchor
- 4 x Terminal Connector
- 1 x 5m Electric Tape (18mm width)
- 1 x Instruction Manual (this document)



Image: The Jopwkuin Digital Timer shown alongside all its included accessories, such as waterproof connectors, screws, wall anchors, terminal connectors, and electrical tape.

5.2 Mounting

1. Choose a suitable location for mounting the timer. Ensure it is easily accessible for programming and wiring, and protected from direct impact.
2. Use the provided wall anchors and screws to securely mount the timer's lower shell to a wall or flat surface.

5.3 Wiring

IMPORTANT: All wiring must be performed by a qualified electrician and comply with all applicable electrical codes.

1. **Disconnect Power:** Before beginning any wiring, ensure the main power supply to the circuit is turned OFF at the circuit breaker.
2. **Open Casing:** Carefully open the timer's outer casing to access the internal terminal block.
3. **Connect Input Power:** Connect the AC85-265V power supply wires to the designated input terminals (typically marked L and N or 1 and 2) on the timer module.
4. **Connect Load:** Connect the wires for the device you wish to control (e.g., pump, heater) to the output terminals (typically marked 3, 4, and 5 for SPDT configuration). Refer to the diagram on the internal module for precise connections.
5. **Secure Connections:** Ensure all wire connections are tight and properly insulated. Use the provided waterproof connectors and sealing rings for cable entry points to maintain the waterproof integrity of the casing.
6. **Close Casing:** Once wiring is complete and verified, securely close the timer's outer casing.

TM919BK
85-265VAC
50/60Hz



ON



WEEK Tu
0:25:37
AUTO

(P)

D+

H+

M+



(⌚)

RESET

MANUAL C/R



30A

5

4

3





Image: Close-up view of the internal timer module, showing the LCD display, control buttons, and the wiring terminals (1, 2 for input; 3, 4, 5 for output) with voltage and current ratings.

5.4 Initial Power-up

After installation and wiring are complete, restore power at the circuit breaker. The timer's LCD display should illuminate. If the display does not light up, immediately disconnect power and re-check all wiring connections.

6. OPERATING INSTRUCTIONS

The timer features an LCD display and several buttons for programming. Familiarize yourself with the buttons:

- **P**: Program button (to enter/exit programming mode)
- **D+**: Day adjustment button
- **H+**: Hour adjustment button
- **M+**: Minute adjustment button
- **Clock Symbol**: Time setting button (to set current time)
- **RESET**: Resets all settings to factory defaults.
- **MANUAL C/R**: Manual control / Cancel / Restore button (to manually switch ON/OFF or cycle through modes).

6.1 Setting Current Time and Day

1. Press and hold the **Clock Symbol** button.
2. While holding the **Clock Symbol** button, press **D+** to set the current day of the week.
3. While holding the **Clock Symbol** button, press **H+** to set the current hour.
4. While holding the **Clock Symbol** button, press **M+** to set the current minute.
5. Release the **Clock Symbol** button to save the settings.

6.2 Programming ON/OFF Schedules

The timer allows up to 28 ON/OFF programs. Each program can be set for specific days or a full week cycle.

1. Press the **P** button once to enter programming mode. The display will show '1 ON'.
2. Press **D+** to select the day(s) for this program. Options include individual days (MON, TUE, etc.), weekdays (MON-FRI), weekends (SAT-SUN), or all days (MON-SUN), among others.
3. Press **H+** to set the desired ON hour.
4. Press **M+** to set the desired ON minute.
5. Press **P** again. The display will show '1 OFF'.
6. Repeat steps 2-4 to set the OFF time for the first program.
7. Continue pressing **P** to cycle through '2 ON', '2 OFF', up to '28 ON', '28 OFF', setting each program as needed.
8. After setting all desired programs, press the **Clock Symbol** button to exit programming mode and return to normal operation.

6.3 Manual Control and Mode Selection

Press the **MANUAL C/R** button to cycle through the following modes:

- **AUTO ON:** The timer will follow programmed ON schedules.
- **AUTO OFF:** The timer will follow programmed OFF schedules.
- **ON:** The device will remain continuously ON, overriding all programs.
- **OFF:** The device will remain continuously OFF, overriding all programs.

Select 'AUTO ON' or 'AUTO OFF' for the timer to operate according to your programmed schedules.

6.4 Daylight Saving Time (DST)

To activate or deactivate Daylight Saving Time, press and hold the **H+** button for approximately 3 seconds. The display will indicate DST status (e.g., 'SUMMER' or 'WINTER').

6.5 Resetting the Timer

To clear all programmed settings and reset the timer to its factory defaults, use a pointed object (like a pen tip) to press the **RESET** button. After a reset, you will need to set the current time and reprogram all schedules.

7. MAINTENANCE

- **Cleaning:** Wipe the timer's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Connections:** Periodically check all wiring connections to ensure they remain secure.
- **Battery:** The built-in battery is designed for long-term use and typically does not require replacement. If the timer consistently loses settings during power outages, the battery may need servicing by a qualified technician.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank	No power supply; Loose wiring connection	Check circuit breaker; Verify all wiring connections are secure.
Timer does not switch ON/OFF as programmed	Incorrect program settings; Timer is in manual ON/OFF mode	Review and correct program settings; Ensure timer is in 'AUTO ON' or 'AUTO OFF' mode.
Settings are lost after power outage	Built-in battery issue	The internal battery may need servicing. Contact customer support.
Buttons are unresponsive	Temporary software glitch	Perform a RESET using a pointed object. Reprogram settings.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product's purchase documentation or contact Jopwkuin customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

