## Fydun TM928AK

# Fydun TM928AK Digital Programmable Timer Instruction Manual

Model: TM928AK (Fydun0cpown81ki)



## 1. Product Overview

The Fydun TM928AK is a digital programmable timer designed for controlling electrical appliances. This device features a large screen with backlight for clear visibility and supports a wide voltage range of 85-265V. It is suitable for various applications, including controlling lights and ceiling fans, helping to manage energy consumption.


**Figure 1:** Front view of the Fydun TM928AK Digital Programmable Timer, showing the display and control buttons.

## 2. Technical Specifications

| | |
|---|---|
| **Model Number** | TM928AK (Fydun0cpown81ki) |
| **Input Voltage** | AC 85-265V |
| **Current Rating** | 16A |
| **Frequency** | 50/60Hz |
| **Display** | Digital with Backlight |
| **Programmability** | 7 Days Programmable |
| **Dimensions (L x W x H)** | 3.94 x 3.15 x 1.97 inches (10 x 8 x 5 cm) |

| | |
|---|---|
| **Item Weight** | 4.9 ounces (139 Grams) |
| **Manufacturer** | Fydun |

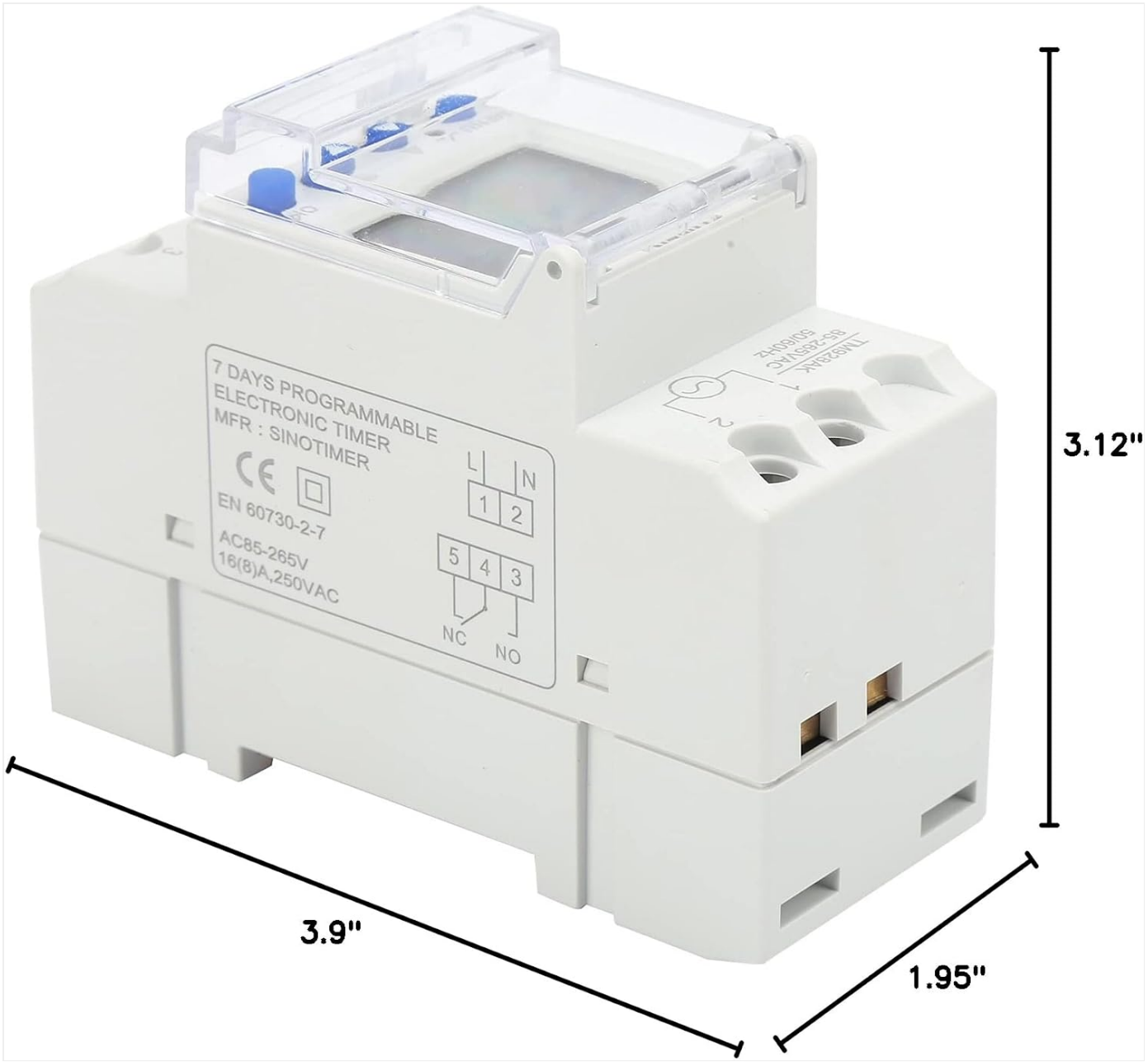


**Figure 2:** Dimensions of the Fydun TM928AK Digital Programmable Timer.

## 3. Installation and Setup

**Important:** Installation should be performed by a qualified electrician to ensure safety and compliance with local electrical codes. Disconnect power before installation.

### 3.1 Wiring Diagram

The TM928AK timer is designed for DIN rail mounting. Refer to the wiring diagram printed on the device for correct connections.

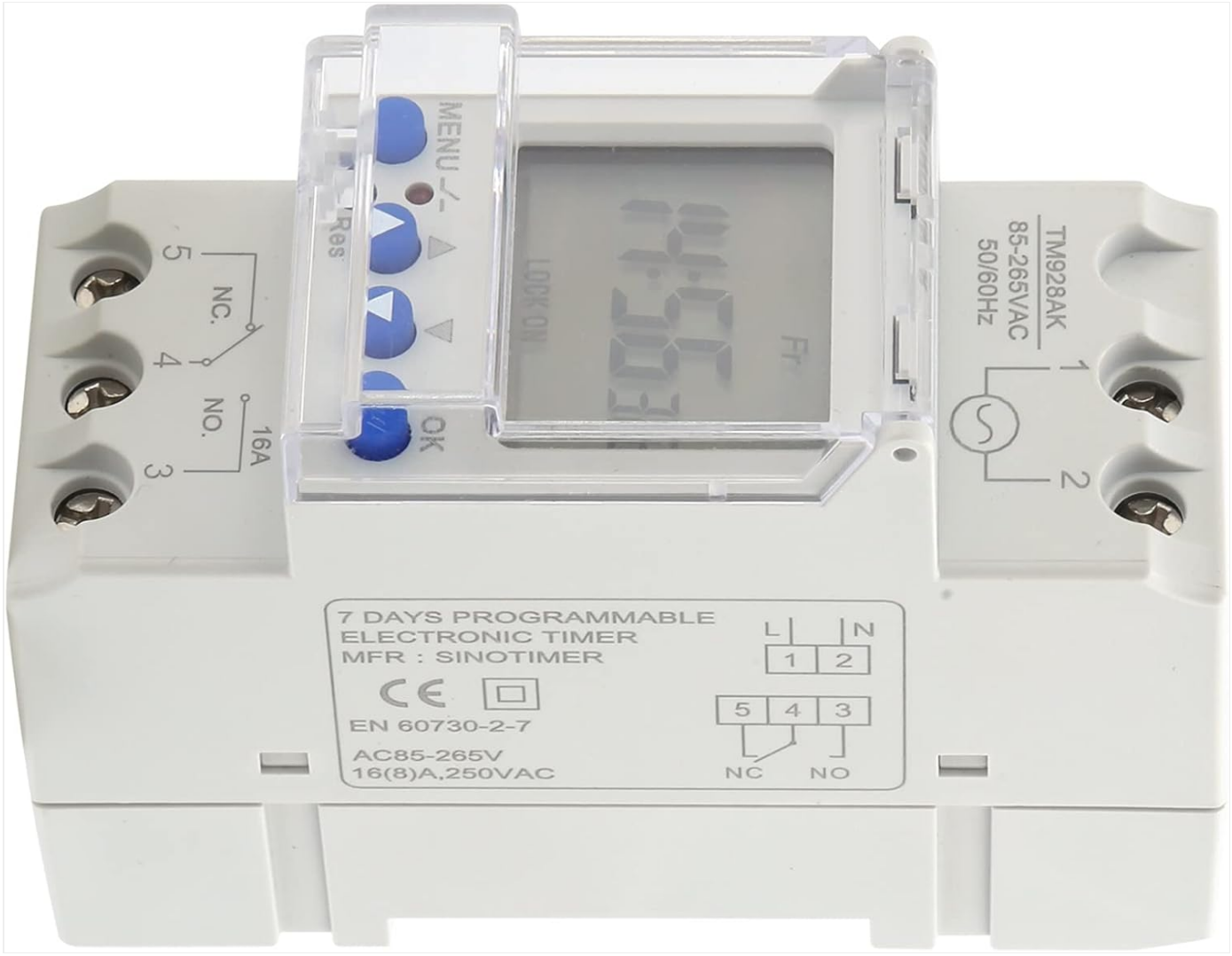


**Figure 3:** Close-up view of the Fydun TM928AK timer, highlighting the wiring terminals and diagram. Terminals 1 and 2 are for power input (L and N), while terminals 3, 4, and 5 are for output (NO, NC, Common).

1. **Power Input (AC 85-265V):** Connect the Live (L) wire to terminal 1 and the Neutral (N) wire to terminal 2.
2. **Load Output:**
   - Connect the common wire of your load to terminal 3.
   - For Normally Open (NO) operation, connect the load's other wire to terminal 4. The circuit will be closed when the timer is ON.
   - For Normally Closed (NC) operation, connect the load's other wire to terminal 5. The circuit will be closed when the timer is OFF.
3. Ensure all connections are secure and insulated.

### 3.2 Initial Power-Up

After wiring, restore power. The timer's display should illuminate. If the display does not light up, check the power connections.

## 4. Operating Instructions

The TM928AK timer features a digital display and several control buttons for setting time and programs.


**Figure 4:** Close-up of the timer's digital display and control buttons, including MENU, UP, DOWN, OK, and RES (Reset).

## 4.1 Setting Current Time and Day

1. Press the **MENU** button to enter the main menu.
2. Navigate to the "Time Setting" option using the**UP** or **DOWN** buttons.
3. Press **OK** to select.
4. Use **UP**/**DOWN** to adjust hours, minutes, and day of the week. Press**OK** to confirm each setting.
5. Press **MENU** to exit and save.

## 4.2 Programming ON/OFF Schedules

The timer supports multiple ON/OFF programs for each day of the week.

1. Press the **MENU** button.
2. Navigate to "Program Setting" and press **OK**.
3. The display will show "1 ON". Use **UP**/**DOWN** to set the desired ON time (hour and minute). Press **OK** after each.
4. Next, set the day(s) for this ON program. You can select individual days or groups of days (e.g., Mon-Fri, Sat-Sun, Mon-Sun). Press **OK**.
5. The display will then show "1 OFF". Repeat the process to set the desired OFF time and day(s) for this program.
6. Continue this process for additional programs (e.g., "2 ON", "2 OFF", etc.).
7. Press **MENU** to exit and save all programs.

### 4.3 Manual Override

The timer typically has a manual override function to temporarily switch the output ON or OFF without affecting programmed schedules. Consult the device's specific buttons (often labeled "MANUAL" or a dedicated button) for this feature.


**Figure 5:** The Fydun TM928AK timer with its clear protective cover open, revealing the control buttons and display for programming.

## 5. Maintenance

The Fydun TM928AK Digital Programmable Timer requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the timer. Do not use abrasive cleaners or solvents. Ensure the device is powered off before cleaning.
- **Inspection:** Periodically check the wiring connections to ensure they are secure. Look for any signs of damage or wear.
- **Battery Backup:** The timer typically includes an internal battery to retain settings during power outages. If the display frequently resets or loses time after power interruptions, the internal battery may need replacement by a qualified technician.

## 6. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Timer display is blank. | No power supply; incorrect wiring. | Check power source. Verify wiring connections (L and N terminals). |
| Timer does not switch load ON/OFF. | Incorrect programming; faulty wiring to load; manual override engaged. | Review program settings. Check load wiring (NO/NC/Common). Ensure manual override is not active. |
| Time/settings reset after power outage. | Internal backup battery depleted or faulty. | Contact Fydun support for battery replacement or service. |
| Buttons are unresponsive. | Device locked; temporary software glitch. | Check for a "LOCK" indicator on the display and refer to the manual for unlock procedure (often pressing OK for a few seconds). Try pressing the RES (Reset) button with a pointed object if available. |

## 7. Warranty and Support

Fydun products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please contact Fydun customer service through their official channels or the retailer where the product was purchased.
**Manufacturer:** Fydun
**Website:** Fydun Store on Amazon