Intermatic DAT100

Intermatic Digital Appliance Timer DAT100 User Manual

MODEL: DAT100

Introduction

The Intermatic Digital Appliance Timer DAT100 provides precise control over your electrical appliances with up to 28 programmable on/off settings. This timer is designed for ease of use, featuring automatic adjustments for sunrise/sunset and Daylight Saving Time, a clear digital display, and a battery backup for power outages. It includes two grounded receptacles for connecting various devices.

Product Overview

Figure 1: Front view of the Intermatic Digital Appliance Timer DAT100. This image displays the timer's white casing, the large LCD screen showing time and day, and the control buttons (OK, MODE, PROG, ON/OFF) located below the screen. A central rotary dial is also visible. A standard three-prong plug extends from the left side of the unit.

Setup

1. **Unpacking and Initial Inspection:** Carefully remove the timer from its packaging. Inspect the unit for any signs of damage.

2. **Battery Installation/Backup:** The timer includes a battery backup system to retain settings during power outages. Ensure the battery is properly seated. If the display is blank or shows a low battery indicator, replace the battery as per the Maintenance section.

3. **Setting Current Time and Day:**
   - Press the **MODE** button until the time setting mode is active.
   - Use the rotary dial or appropriate buttons (refer to specific unit markings) to adjust the hour, minute,

and day of the week.

- Press **OK** to confirm each setting.

4. **Daylight Saving Time (DST) Adjustment:** The DAT100 features an automatic Daylight Saving Time option. Consult the timer's display or specific instructions for enabling or disabling this feature.

5. **Mounting/Plugging In:** Plug the timer directly into a standard grounded electrical outlet. Ensure it is securely seated.

Operating Instructions

The DAT100 timer offers flexible programming for various applications.

1. **Understanding the Display:** The large LCD screen shows the current time, day, and active program status. A low battery indicator may also appear here.

2. **Programming On/Off Cycles (Up to 28 Settings):**
   - Press the **PROG** button to enter programming mode.
   - The display will show "PROG 1 ON". Use the rotary dial or buttons to set the desired ON time for the first program.
   - Press **OK** to confirm. Then set the days of the week for this program (e.g., Mon-Fri, daily, specific days).
   - Repeat for "PROG 1 OFF" time.
   - Continue this process for up to 28 distinct ON/OFF programs.
   - Press **MODE** to exit programming mode.

3. **Dusk-to-Dawn Feature:** This timer can automatically adjust its ON/OFF times based on local sunrise and sunset. Refer to the specific instructions for enabling and configuring this feature, which typically involves selecting a "Dusk-to-Dawn" or "Astronomical" mode.

4. **Manual Override:** The **ON/OFF** button allows for manual control, overriding the current program. Pressing it will toggle the connected appliance between ON and OFF states. The timer will resume its programmed schedule at the next scheduled event.

5. **Connecting Appliances:** Plug your appliance(s) into the two grounded receptacles on the timer. Ensure the total load does not exceed the timer's maximum rating (15A/1800W).

Maintenance

- **Battery Replacement:** If the low battery indicator appears on the display, replace the internal battery promptly to ensure program retention during power outages. Refer to the timer's casing for battery type and replacement instructions. Typically, this involves opening a small compartment and inserting a new battery of the specified type.

- **Cleaning Instructions:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the unit.

Troubleshooting

- **Display is Blank:**
  - Ensure the timer is securely plugged into a live outlet.
  - Check if the internal battery needs replacement.

- **Programs Not Running:**
  - Verify that the current time and day are set correctly.
  - Confirm that the programs are enabled and set for the correct days.
  - Check if the manual override is active.

- **Appliance Not Turning On/Off:**
  - Ensure the appliance is properly plugged into the timer and is functional.
  - Check the timer's current status (ON/OFF) and programmed schedule.

- **Resetting the Timer:** If the timer behaves erratically, a full reset may be necessary. Locate the small reset button (often recessed) and press it with a pointed object (e.g., a paperclip). This will clear all settings, requiring you to reprogram the unit.
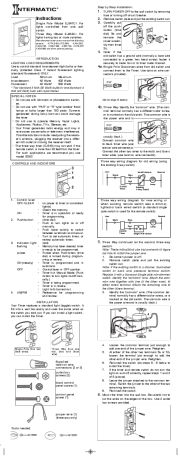
Specifications

Model Number	DAT100
Brand	Intermatic
Part Number	DAT100
Item Weight	8.8 ounces
Package Dimensions	5 x 3.5 x 3.5 inches
Color	White
Item Package Quantity	1
Mounting Type	Plug-In Mount
Number of Settings	28
UPC	078275125322

Warranty and Support

For warranty information or technical assistance, please refer to the official Intermatic website or contact their customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For general inquiries or product questions, you may also contact your retailer or distributor.

Related Documents - DAT100

[Intermatic EJ341C/EJ343C Lighting Timer Switch Installation and Programming Guide](#)

Detailed instructions for installing and programming Intermatic EJ341C (Single Pole) and EJ343C (Three Way) lighting timer switches. Covers setup, controls, programming methods, troubleshooting, and specifications.

[Intermatic EI210 Electronic In-Wall Countdown Timer - Installation & Operation Guide](#)

Comprehensive guide for the Intermatic EI210 electronic in-wall countdown timer, detailing features, installation steps, operation modes (Timer and Hold), and warranty information. Includes technical specifications and contact details for Intermatic Incorporated.

[Intermatic TN311 Timer User Manual and Warranty](#)

User guide and one-year limited warranty information for the Intermatic TN311 heavy-duty grounded outlet timer. Learn how to set the program, time of day, and automatic override.

[Intermatic HB880R Outdoor Digital Timer: Operating and User Instructions](#)

Comprehensive guide for the Intermatic HB880R Outdoor 7-Day Digital Timer. Learn how to set the clock, program events, enable the battery, and troubleshoot common issues for optimal outdoor lighting control.

[Intermatic EI205 Electronic In-Wall Countdown Timer: Installation and Operation Guide](#)

Comprehensive guide for installing and operating the Intermatic EI205 electronic in-wall countdown timer. Covers features, ratings, step-by-step installation, operation modes, and a 1-year limited warranty. Ideal for controlling lighting and loads with timed shut-off.

[Intermatic P1131 Portable Heavy Duty Pool & Spa Timer Owner's Manual](#)

Owner's manual for the Intermatic P1131 Portable Heavy Duty Pool & Spa Timer. Provides setup instructions, safety warnings, troubleshooting guide, and warranty information for convenient and energy-saving operation of pool and spa equipment.