

## Intermatic ET2815C

# Intermatic ET2815C Astro 365/7-Day Electronic Timer Instruction Manual

Model: ET2815C

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Intermatic ET2815C Astro 365/7-Day Electronic Timer. Please read this manual thoroughly before installation and use to ensure proper function and safety. This electronic timer is designed for precise control of electrical loads, offering advanced scheduling capabilities for various applications.

## 2. SAFETY INFORMATION

### **WARNING: Risk of Fire or Electric Shock**

- Disconnect power at the circuit breaker(s) or disconnect switch(es) before installing or servicing this device.
- More than one circuit breaker or disconnect switch may be required to de-energize the equipment before servicing.
- Installation and/or wiring must be in accordance with national and local electrical code requirements.
- Use COPPER conductors ONLY.
- Do NOT remove the insulator covering the terminals.

**Wiring Instructions:** To wire, lift the terminal cover, remove the screw, and swing it aside. Replace the screw and the plastic insulator covering the terminal before powering on the device.



This image shows the front view of the Intermatic ET2815C electronic timer. Visible elements include the digital display, control buttons such as MODE, DAY, ENTER/NEXT, ON/OFF, CLEAR MEM, and the CLEAR ENTRY buttons with plus and minus symbols. Below the main controls, safety warnings in English, French, and Spanish regarding electrical shock and fire hazards are printed, along with instructions for wiring and not removing the insulator. The model name 'Astro 365/7-Day' is prominently displayed at the top.

### 3. PRODUCT OVERVIEW

The Intermatic ET2815C is an advanced electronic timer designed for precise control over electrical circuits. It features a user-friendly interface and robust capabilities suitable for a wide range of applications.

#### Key Features:

- **Astro 365/7-Day Operation:** Provides flexible scheduling options for every day of the week, year-round.
- **96 Set Points/Events:** Allows for up to 96 distinct ON/OFF programming events.
- **50 Holiday Blocks:** Independent scheduling for up to 50 holiday periods.
- **100-Hour Supercapacitor:** Eliminates the need for batteries by providing backup power for settings during outages.
- **2-Hour Override Mode:** An additional mode of operation that turns the ON/OFF buttons into a 2-hour override function.
- **Voltage:** Operates on 120 to 277Vac.

- **Amperage:** Rated for 20 Amps.

## Control Buttons:

Refer to the product image in Section 2 for the location of these buttons:

- **MODE:** Cycles through different programming modes.
- **DAY:** Used to set the day of the week or select specific days for programming.
- **ENTER/NEXT:** Confirms selections and moves to the next programming step.
- **ON/OFF:** Manually controls the load or activates override mode.
- **CLEAR MEM:** Clears all programmed events.
- **CLEAR ENTRY:** Clears the current entry during programming.
- **+ / - Buttons:** Adjust values (time, day, program number).

## 4. INSTALLATION

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**IMPORTANT:** Before proceeding with installation, ensure all safety warnings in Section 2 are understood and followed. Disconnect all power to the circuit at the breaker or disconnect switch before beginning any wiring.

### Mounting:

1. Select a suitable location for mounting the timer, ensuring it is protected from moisture and extreme temperatures.
2. Mount the timer securely using appropriate fasteners.

### Wiring:

All wiring must comply with national and local electrical codes. Use CUPPER conductors ONLY.

1. Access the wiring terminals by lifting the terminal cover, removing the screw, and swinging it aside as indicated on the device.
2. Connect the incoming power supply wires (Line) and the load wires (to the device being controlled) to the appropriate terminals.
3. Ensure all connections are tight and secure.
4. Replace the screw and the plastic insulator covering the terminals before restoring power.
5. Restore power to the circuit at the breaker or disconnect switch.

## 5. SETUP

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### Initial Power-Up and Time Setting:

1. Upon initial power-up, the display may show a default time or be blank.
2. Press the **MODE** button until the time setting mode is displayed.
3. Use the **+** and **-** buttons to adjust the hour and minute.
4. Press **ENTER/NEXT** to confirm the time.
5. Use the **DAY** button and **+ / -** buttons to set the current day of the week.
6. Press **ENTER/NEXT** to confirm the day.
7. The timer is now set to the current time and day.

## 6. OPERATING INSTRUCTIONS

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## Programming ON/OFF Events:

The ET2815C allows for up to 96 ON/OFF events.

1. Press the **MODE** button until 'PROG' or 'PROGRAM' appears on the display.
2. The display will show 'P1 ON' (Program 1 ON). Use + / - to set the desired ON time.
3. Press **ENTER/NEXT**.
4. Use the **DAY** button to select the days of the week for this ON event (e.g., Mon-Fri, Daily, or specific days).
5. Press **ENTER/NEXT**.
6. The display will show 'P1 OFF'. Use + / - to set the desired OFF time.
7. Press **ENTER/NEXT**.
8. Use the **DAY** button to select the days of the week for this OFF event.
9. Press **ENTER/NEXT** to save Program 1 and move to 'P2 ON'.
10. Repeat steps for additional programs. To exit programming, press **MODE** until the current time is displayed.

## Holiday Block Programming:

The timer supports up to 50 holiday blocks with independent scheduling.

1. Consult the full product manual for detailed steps on setting holiday blocks, as this feature involves specific date ranges.

## Manual Override and 2-Hour Override Mode:

- **Manual ON/OFF:** Press the **ON/OFF** button to manually switch the load ON or OFF, overriding the current program until the next scheduled event.
- **2-Hour Override:** In a specific operating mode (refer to the full manual for activation), pressing the **ON/OFF** button will activate a 2-hour override, after which the timer will revert to its programmed schedule.

## Clearing Programs:

- **CLEAR ENTRY:** During programming, press **CLEAR ENTRY** to clear the current value or selection.
- **CLEAR MEM:** To clear all programmed events, press and hold the **CLEAR MEM** button for a few seconds until the display confirms the memory has been cleared.

## 7. MAINTENANCE

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The Intermatic ET2815C timer is designed for minimal maintenance.

- **Cleaning:** Periodically wipe the exterior of the timer with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Backup:** The timer utilizes a 100-hour supercapacitor for backup power, eliminating the need for battery replacement. This supercapacitor recharges automatically when power is supplied to the unit.

## 8. TROUBLESHOOTING

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If you encounter issues with your Intermatic ET2815C timer, consider the following common troubleshooting steps:

- **Timer Display is Blank:** Check the power supply to the timer. Ensure the circuit breaker is ON and wiring connections are secure.
- **Load Not Turning ON/OFF as Programmed:**
  - Verify that the current time and day are set correctly.
  - Review your programmed ON/OFF events for accuracy, including the selected days of the week.

- Check if a manual override is active.
- Ensure the load itself is functioning correctly.
- **Difficulty Programming:** Refer back to Section 6 and follow the programming steps carefully. Use the **CLEAR ENTRY** button to correct mistakes during input.
- **Timer Not Responding:** Disconnect power to the timer for a few minutes at the circuit breaker, then restore power. This may reset the unit.

If problems persist after attempting these steps, contact Intermatic customer support for further assistance.

## 9. SPECIFICATIONS

Model Number	ET2815C
Brand	Intermatic
Voltage	120-277Vac
Amperage	20 Amps
Operation Mode	Astro 365/7-Day
Number of Set Points	Up to 96 ON/OFF events
Holiday Blocks	Up to 50
Backup Power	100-Hour Supercapacitor
Material	Plastic
Product Dimensions	7 x 7 x 7 inches
Item Weight	1.32 Pounds (600 Grams)
UPC	078275148239

## 10. WARRANTY AND SUPPORT

This Intermatic product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Intermatic website.

For technical support, product inquiries, or to locate authorized service centers, please visit the [Intermatic website](#) or contact their customer service department directly.

Comprehensive user manual for the Intermatic HB880R outdoor 7-day digital timer. Learn how to install, program, set schedules, and troubleshoot this versatile time switch.

Comprehensive instructions for setting up and operating the Intermatic DT121C Digital Timer, including features, programming, battery replacement, and warranty information.

A guide to setting the time of day, day of the week, and programming ON/OFF events for the Intermatic DTAV40E2 Series electronic timer.

Detailed installation and setup instructions for the Intermatic ET2745 series 4-Circuit Electronic 365/7-Day Time Switch, covering configuration, programming, and troubleshooting for automated load control.

Comprehensive guide for installing, programming, and troubleshooting the Intermatic ST01, ST01K, and EI600 series in-wall digital timers with astro features. Learn about setup, wiring, event scheduling, and maintenance.

Comprehensive guide to the Intermatic Grässlin CP924 electronic plug-in timer. Learn about its features, specifications, and how to program ON/OFF times for residential appliances.