

Intermatic ETW2CP

Intermatic ETW2CP Wi-Fi Smart Timer Instruction Manual

Model: ETW2CP

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Intermatic ETW2CP Wi-Fi Smart Timer. The ETW2CP is a 2-circuit, 365-day programmable timer designed for automating lights, pumps, and industrial equipment. It features remote control via the Intermatic Connect app and is suitable for both indoor and outdoor applications.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Installation and servicing must be performed by qualified personnel only. Disconnect power at the circuit breaker or fuse before installing or servicing. Follow all local and national electrical codes.

- Ensure power is disconnected before any wiring.
- Do not exceed the maximum load ratings of the device.
- This device is intended for permanent installation.
- Keep the enclosure door closed and latched when not in use to maintain its indoor/outdoor rating.

3. PRODUCT OVERVIEW

The Intermatic ETW2CP is a sophisticated Wi-Fi enabled timer offering precise control over two independent circuits. Key features include:

- **365-Day Scheduling:** Supports up to 256 ON/OFF events and 64 holiday schedules.
- **Remote Access:** Control and monitor via the Intermatic Connect app.
- **Dual SPDT Relays:** Two independent Single-Pole Double-Throw outputs for versatile control.
- **Indoor/Outdoor Enclosure:** Durable plastic casing suitable for various environments.
- **Auto Voltage Detection:** Compatible with 120-277 VAC input.
- **LED-Compatible:** Designed to work with modern LED lighting systems.
- **Power Loss Protection:** Non-volatile memory retains programming during power outages.



Figure 1: Intermatic ETW2CP Wi-Fi Smart Timer with its cover open, showing the internal components and control panel. The left side of the enclosure displays product specifications and warnings, while the right side features control buttons, indicator LEDs, and terminal blocks for wiring connections.



Figure 2: A detailed view of the ETW2CP's control panel. Visible elements include the MODE button, SERVICE, MANUAL, and AUTO indicator LEDs, NETWORK status LED, RESET button, and two circuit control buttons (1 and 2). Below these are the terminal blocks for power input (L2/H, L1, NC, NO, COM) and two independent circuits (CIRCUIT 1, CIRCUIT 2).

4. SETUP AND INSTALLATION

4.1 Mounting the Timer

The ETW2CP timer is designed for surface mounting. Select a suitable location that allows for proper wiring and access. Ensure the mounting surface is stable and can support the weight of the timer.

1. Open the timer enclosure by unlatching the cover.
2. Use the provided mounting holes on the back of the enclosure as a template to mark drilling locations.
3. Drill appropriate pilot holes and secure the timer to the wall using suitable screws (not included).
4. Ensure the enclosure is level and securely fastened.



Figure 3: Front view of the Intermatic ETW2CP Wi-Fi Smart Timer with its cover closed, displaying the Intermatic logo. This image shows the compact and sealed design of the enclosure.

4.2 Wiring Instructions

IMPORTANT: All wiring must comply with national and local electrical codes. Disconnect power before proceeding.

1. Route power supply wires into the enclosure through appropriate knockouts.
2. Connect the incoming line voltage (120-277 VAC) to the L1 and L2/H terminals.
3. Connect the neutral wire to the N terminal (if applicable for your wiring configuration).
4. Connect the load wires for Circuit 1 to the appropriate terminals (NO, NC, COM) for Circuit 1.
5. Connect the load wires for Circuit 2 to the appropriate terminals (NO, NC, COM) for Circuit 2.
6. Ensure all terminal screws are tightened securely.
7. Close and latch the enclosure cover.



Figure 4: Side view of the Intermatic ETW2CP timer, highlighting the conduit knockouts for electrical wiring entry. This view demonstrates the robust construction and provisions for secure cable management.

4.3 Initial Power-Up and Wi-Fi Connection

1. Restore power to the timer at the circuit breaker.
2. Download the "Intermatic Connect" app from your device's app store.
3. Follow the in-app instructions to create an account and add your ETW2CP timer to your network. The NETWORK LED on the timer will indicate connection status.

5. OPERATING INSTRUCTIONS

5.1 Manual Control

The ETW2CP allows for manual override of the scheduled programs.

- Press the **MODE** button to cycle through operating modes: SERVICE, MANUAL, AUTO.

- In **MANUAL** mode, press the circuit buttons (1 or 2) to toggle the connected load ON or OFF. The MANUAL LED will illuminate.
- In **AUTO** mode, the timer operates according to its programmed schedule. The AUTO LED will illuminate.

5.2 App-Based Scheduling

All advanced scheduling and programming are managed through the Intermatic Connect app.

1. Open the Intermatic Connect app on your smartphone or tablet.
2. Select your ETW2CP timer from the device list.
3. Navigate to the "Schedules" section to create, edit, or delete ON/OFF events and holiday schedules.
4. Use the app to set astronomical clock functions, daylight saving adjustments, and other advanced settings.
5. The app also provides real-time status updates and remote ON/OFF control for each circuit.

6. MAINTENANCE

The Intermatic ETW2CP Wi-Fi Smart Timer requires minimal maintenance.

- **Cleaning:** Periodically wipe the exterior of the enclosure with a damp cloth. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Ensure the Intermatic Connect app is up-to-date, as it will notify you of any available firmware updates for your timer. Follow in-app instructions for updating.
- **Inspection:** Annually inspect the wiring connections for tightness and signs of wear. Ensure the enclosure door seal is intact.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------------|---|--|
| Timer does not power on. | No power at the circuit breaker; incorrect wiring. | Check circuit breaker. Verify wiring connections according to Section 4.2. |
| Cannot connect to Wi-Fi. | Incorrect Wi-Fi password; router too far; network issues. | Ensure correct password. Move timer closer to router or use a Wi-Fi extender. Restart router. Press the RESET button on the timer. |
| Schedules are not activating loads. | Timer is in MANUAL or SERVICE mode; incorrect schedule programming. | Ensure timer is in AUTO mode. Verify schedules in the Intermatic Connect app. |
| App shows timer offline. | Loss of internet connection; timer lost power; Wi-Fi signal lost. | Check internet connection. Verify timer has power. Check Wi-Fi signal strength at timer location. |

If issues persist, contact Intermatic Customer Support.

8. SPECIFICATIONS

| Feature | Detail |
|---------|--------|
| Model | ETW2CP |

| Feature | Detail |
|-----------------------|---|
| Input Voltage | 120-277 VAC, 50/60 Hz (Auto-detecting) |
| Output Relays | 2 x SPDT (Single-Pole Double-Throw) |
| Max Load (Resistive) | 30A per circuit @ 120-277 VAC |
| Motor Load | 2 HP @ 120 VAC; 5 HP @ 240 VAC |
| Enclosure Material | Plastic |
| Dimensions | 11"D x 14"W x 10.75"H (Approximate) |
| Operating Temperature | -40°F to 140°F (-40°C to 60°C) |
| Connectivity | Wi-Fi (2.4 GHz) |
| Programming | 365-day, up to 256 events, 64 holiday schedules |



9. WARRANTY AND SUPPORT

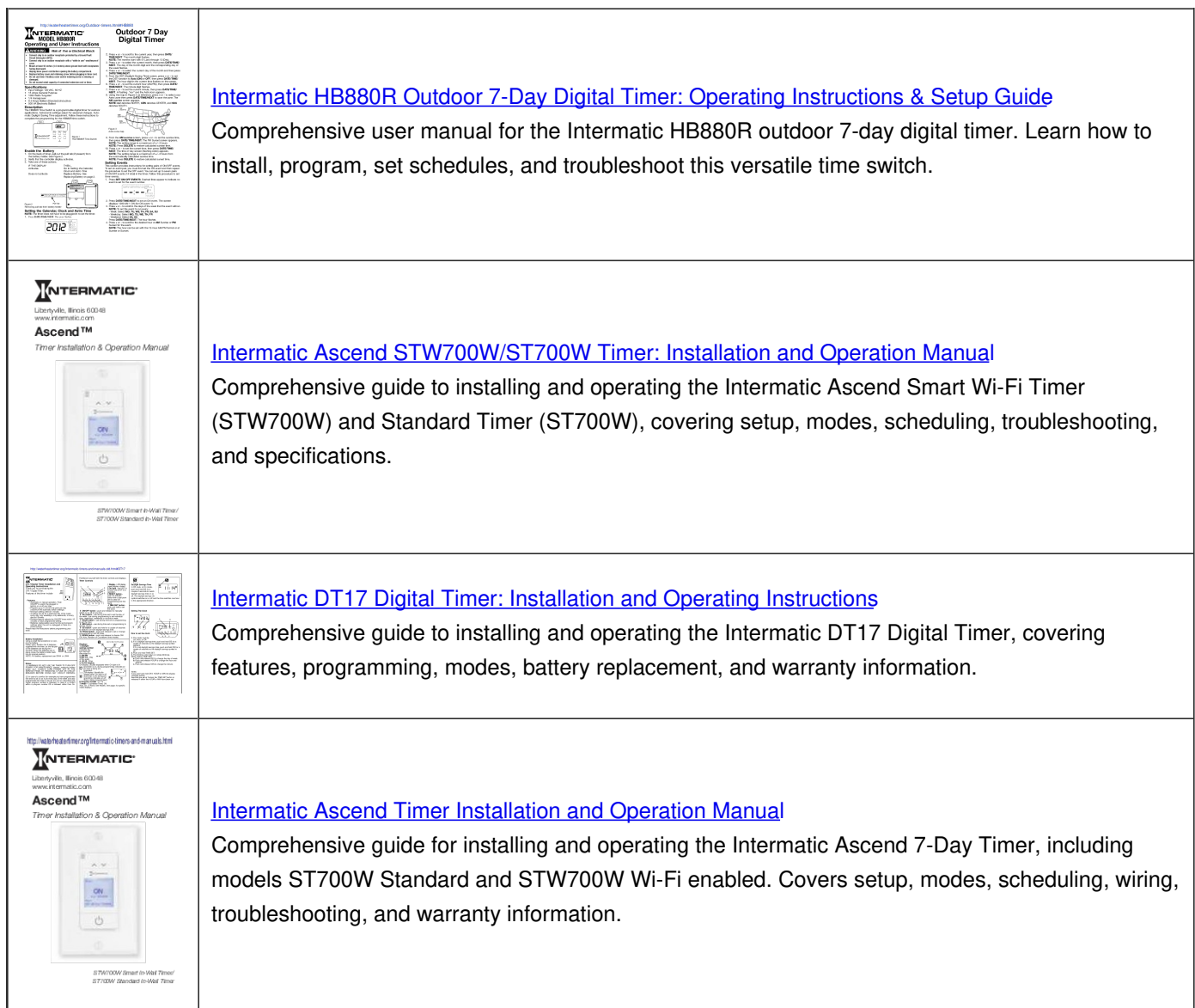
For warranty information and technical support, please visit the official Intermatic website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Intermatic Website: www.intermatic.com

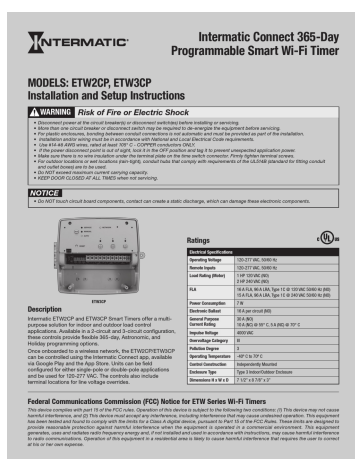


Related Documents - ETW2CP

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|---|--|
|  | <p>Intermatic ET8215C Electronic Timer Control - Technical Data</p> <p>Detailed technical specifications for the Intermatic ET8215C Electronic Timer Control, an astronomic 7-day, 2-circuit electronic control suitable for 120-277 VAC applications in an indoor metal enclosure.</p> |
|  | <p>Intermatic Ascend Timer Installation & Operation Manual (STW700W/ST700W)</p> <p>Comprehensive installation and operation guide for Intermatic Ascend™ 7-Day timers, including models STW700W (Wi-Fi enabled) and ST700W (Standard). Covers setup, wiring, modes, scheduling, settings, troubleshooting, and warranty information.</p> |



Documents - Intermatic – ETW2CP



[\[pdf\]](#) User Manual Instructions

Intermatic Connect 365 Day Programmable Smart Wi Fi TimerLos temporizadores inteligentes ETW2CP y ETW3CP de ofrecen una solución multiuso para aplicaciones control carga en interiores exterioresIntermatic Instruction Installation Manualexternalassets unilogcorp ASSETS DOCUMENTS ITEMS EN Manual |||

Intermatic Connect 365-Day Programmable Smart Wi-Fi Timer MODELS: **ETW2CP**,
ETW3CP Installation and Setup Instructions **WARNING** Risk of Fire or Electric Shock
Disconnect power at the circuit breaker s or disconnect switch es before installing or
servicing. More than one circuit breaker or disconnect...

lang:en score:49 filesize: 1.16 M page count: 12 document date: 2023-04-25



Electronic Timer Control - **ETW2CP** Electronic Timer Control - Intermatic Connect
365-Day Programmable Smart Wi-Fi Timer, 120-277 VAC, 2xSPDT, Indoor/Outdoor
Plastic Enclosure Item **ETW2CP** TECHNICAL DATA General Model Number
Description UPC Code Brand Country of Origin Intermatic Warranty Period P...
lang:en score:31 filesize: 204.68 K page count: 2 document date: 2024-02-25

