

[Manuals.plus](#) /

› [Weathermatic](#) /

› Weathermatic Pro Line 800 Indoor Irrigation Controller User Manual

Weathermatic PL800

Weathermatic Pro Line 800 Indoor Irrigation Controller User Manual

Model: PL800 | Brand: Weathermatic

INTRODUCTION

The Weathermatic Pro Line 800 is an advanced indoor irrigation controller designed for efficient and user-friendly management of your landscape's watering needs. This manual provides comprehensive instructions for installation, programming, operation, and maintenance of your controller, ensuring optimal performance and longevity.

PRODUCT OVERVIEW



Image Description: A front view of the Weathermatic Pro Line 800 Indoor Irrigation Controller. The controller is light gray with a green "ProLine" logo at the top. It features a digital LCD screen displaying "1:56PM" and "MON WED FRI". To the left of the screen are "NEXT" and "BACK" buttons, and a "PROGRAM PGM" button. To the right are "UP" and "DOWN" buttons, and a "PRESS TO START MANUAL PROGRAM" button. Below the screen is a large rotary dial with various settings including "RUN", "SYSTEM OFF", "CURRENT TIME / DATE", "PROGRAM START TIMES", "ZONE RUN TIMES", "DAYS TO WATER", "OMIT TIMES / DAYS", "ADVANCED MENU", "SEASONAL ADJUST", "MANUAL ZONE", "MANUAL TEST", "MULTIMETER", "VALVE LOCATOR", and "SENSOR OPERATION". To the right of the dial are buttons for "LANGUAGE" (English/Spanish) and "RAIN/FREEZE SENSOR" (ON/OFF). The Weathermatic logo (a green and blue stylized flower) is visible in the bottom right. The lower part of the unit is a gray housing with connection points.

The Pro Line 800 controller is designed for ease of use, featuring a clear digital display and an intuitive rotary dial for navigating through various settings and programming options. It supports up to 8 zones and offers robust programming capabilities for diverse irrigation needs.

FEATURES

- **Multiple Programs:** Features 4 independent programs (A, B, C), with program D capable of operating concurrently.
- **Flexible Start Times:** Up to 8 start times available per program for precise scheduling.

- **Durable Design:** Rated for both indoor and outdoor installation, ensuring versatility.
- **Multi-language Support:** User interface available in English and Spanish.
- **Adjustable Zone Run Times:** Set watering durations from 1 minute up to 9 hours and 55 minutes.
- **Advanced Programming:** Includes features for grow-in periods and seasonal adjustments.
- **Built-in Diagnostics:** Incorporates fault detection for easier troubleshooting.

SETUP

Installation

The Weathermatic Pro Line 800 is designed for straightforward installation. Choose a suitable location that is protected from direct weather exposure if installing indoors, or a secure, accessible location if installing outdoors. Ensure the mounting surface is stable and allows for proper wiring access.

Wiring

Connect the 120 Vac/60 Hz power supply to the controller as per local electrical codes. Wire each irrigation zone valve to the corresponding terminal on the controller. Ensure all connections are secure and properly insulated. Refer to the wiring diagram provided in the physical manual for detailed instructions.

OPERATING INSTRUCTIONS

Basic Programming

1. **Set Current Time and Date:** Rotate the dial to "CURRENT TIME / DATE" and use the UP/DOWN buttons to adjust.
2. **Select Program:** Press the "PROGRAM PGM" button to cycle through programs A, B, C, and D.
3. **Set Start Times:** Rotate the dial to "PROGRAM START TIMES" and use the UP/DOWN buttons to set up to 8 start times for the selected program.
4. **Adjust Zone Run Times:** Move the dial to "ZONE RUN TIMES" and set the duration for each zone (1 minute to 9 hours 55 minutes).
5. **Define Watering Days:** Select "DAYS TO WATER" on the dial and choose the specific days for irrigation.

Advanced Features

- **Seasonal Adjust:** Use the "SEASONAL ADJUST" setting to globally increase or decrease watering durations across all programs based on seasonal needs. This feature allows for a "set-it-and-forget-it" approach by pre-setting monthly adjustments.
- **Grow-in Period:** For new landscaping, the controller can be set to temporarily adjust watering schedules for a grow-in period, then automatically revert to the normal schedule.
- **Language Selection:** Change the display language between English and Spanish using the dedicated language buttons.
- **Rain/Freeze Sensor:** Connect an optional rain or freeze sensor to automatically suspend irrigation during adverse weather conditions. Ensure the sensor is set to "ON" in the controller settings.
- **Manual Operation:** Use "MANUAL ZONE" or "MANUAL TEST" for immediate, temporary watering.

MAINTENANCE

The Weathermatic Pro Line 800 controller requires minimal maintenance. Keep the unit clean and free from dust and debris. Periodically check all wiring connections to ensure they remain secure. If the unit is installed outdoors, ensure its enclosure is properly sealed to protect against moisture.

TROUBLESHOOTING

The Pro Line 800 includes built-in fault detection to assist with troubleshooting. If the system is not operating as expected, check the following:

- **No Power:** Verify the power supply is connected and the outlet is functional. Check circuit breakers.
- **Zones Not Watering:** Ensure the controller is not in "SYSTEM OFF" mode. Check program start times, run times, and watering days. Verify that the rain/freeze sensor is not active if one is connected.
- **Specific Zone Not Activating:** Inspect the wiring for that zone and the valve itself. The "VALVE LOCATOR" and "MULTIMETER" functions on the dial can assist in diagnosing valve issues.
- **Incorrect Time/Date:** Re-enter the correct time and date using the rotary dial.

For more complex issues, consult the full troubleshooting guide in the complete product manual or contact Weathermatic customer support.

SPECIFICATIONS

Model Number	PL800
Power Input	120 Vac / 60 Hz
Number of Zones	4 (Base Model), Expandable to 8 Zones
Programs	4 (A, B, C, D - D concurrent)
Start Times per Program	8
Zone Run Time Range	1 minute to 9 hours 55 minutes
Dimensions (L x W x H)	7 x 1.75 x 7.75 inches
Item Weight	1 pound
Language Options	English, Spanish

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service, please refer to the documentation included with your Weathermatic Pro Line 800 controller or visit the official Weathermatic website. Keep your purchase receipt for warranty claims.

Note on Videos: No official product videos from the seller were available in the provided data to embed in this manual.

