

Weathermatic SLM4

Weathermatic 4-Zone Module Instruction Manual

Model: SLM4

1. PRODUCT OVERVIEW

The Weathermatic 4-Zone Module is an expansion accessory designed to increase the zone capacity of compatible Weathermatic SmartLine SL1600 and ProLine PL1600 irrigation controllers. This module allows for the addition of four extra irrigation zones, providing greater flexibility in managing your landscape watering needs. It is engineered for seamless integration and reliable performance within the Weathermatic irrigation system.

Key Features:

- Adds four (4) additional irrigation zones to compatible controllers.
- Designed for use with Weathermatic SmartLine SL1600 and ProLine PL1600 controllers.
- Hot-swappable design for convenient installation and removal.
- Compact and durable construction.



Figure 1: Weathermatic 4-Zone Module. This image shows the compact gray module with its green and orange terminal block for zone connections.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the 4-Zone Module. Failure to follow these instructions may result in electrical shock, fire, or damage to the product or property.

- Always disconnect power to the irrigation controller before installing or removing the module.
- Ensure that the installation area is dry and free from moisture.
- Do not attempt to open or repair the module. Refer all servicing to qualified personnel.
- Use only with compatible Weathermatic controllers as specified.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Weathermatic 4-Zone Module (SLM4)
- This Instruction Manual

4. INSTALLATION GUIDE

4.1. Before Installation

- Ensure your Weathermatic controller (SL1600 or PL1600) is powered off and disconnected from the main power supply.
- Refer to your main controller's user manual for specific instructions on accessing the module expansion slots.
- Identify an available expansion slot within your controller.

4.2. Module Installation Steps

1. **Power Off Controller:** Ensure the main power to your Weathermatic SL1600 or PL1600 controller is completely disconnected. This is a critical safety step.
2. **Locate Expansion Slot:** Open the controller's housing or access panel to expose the internal module slots. These are typically clearly marked.
3. **Insert Module:** Align the 4-Zone Module with an empty expansion slot. Gently but firmly push the module into the slot until it clicks securely into place. Ensure the module is fully seated.
4. **Verify Connection:** Visually inspect the module to confirm it is properly seated and flush with the controller's internal board.
5. **Close Controller:** Securely close the controller's housing or access panel.
6. **Restore Power:** Reconnect the main power supply to your Weathermatic controller. The controller should automatically detect the newly installed 4-Zone Module.

Note: The 4-Zone Module is designed to be hot-swappable, meaning it can theoretically be installed or removed while the controller is powered on. However, for maximum safety and to prevent potential damage, Weathermatic recommends powering off the controller before any module installation or removal.

5. OPERATION

Once the 4-Zone Module is successfully installed, your Weathermatic SL1600 or PL1600 controller will automatically recognize the additional four zones. These new zones will be available for programming and assignment to irrigation valves.

- **Zone Assignment:** Refer to your main controller's user manual for detailed instructions on how to assign and program the newly available zones. This typically involves navigating through the controller's menu system.
- **Wiring Zones:** Connect your irrigation valve wires to the corresponding terminals on the 4-Zone Module. Ensure proper wiring polarity and secure connections.
- **Testing:** After wiring, test each new zone from the controller to ensure proper valve activation and water flow.

The 4-Zone Module functions as an extension of your existing controller, and all programming, scheduling,

and advanced features will be managed through the main controller interface.

6. MAINTENANCE

The Weathermatic 4-Zone Module requires minimal maintenance. Follow these guidelines to ensure its longevity and optimal performance:

- **Cleaning:** If necessary, gently wipe the exterior of the module with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Environment:** Ensure the controller and module are installed in a clean, dry environment, protected from direct sunlight, extreme temperatures, and moisture.
- **Connections:** Periodically check the wiring connections to the module to ensure they remain secure.

7. TROUBLESHOOTING

If you encounter issues with your 4-Zone Module, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Module not recognized by controller.	Module not fully seated; controller power not cycled; incompatible controller.	Ensure module is firmly seated. Power cycle the controller (turn off, wait 30 seconds, turn on). Verify controller model (SL1600 or PL1600).
New zones not activating.	Incorrect wiring; zone not programmed; faulty valve.	Check wiring connections to the module and valve. Ensure zones are properly programmed in the controller. Test the irrigation valve directly if possible.
Error message on controller after module installation.	Module not compatible; installation error.	Refer to your controller's manual for specific error codes. Re-install the module ensuring all steps are followed. Contact Weathermatic support if the issue persists.

For further assistance, please contact Weathermatic Technical Support.

8. SPECIFICATIONS

Attribute	Value
Model Number	SLM4
Compatibility	Weathermatic SmartLine SL1600, ProLine PL1600 Controllers
Number of Zones Added	4 Zones
Product Dimensions (L x W x H)	1.8 x 3 x 1.8 inches
Item Weight	2.4 ounces

Attribute	Value
Manufacturer	Weathermatic

9. WARRANTY AND TECHNICAL SUPPORT

Weathermatic products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty information provided with your original Weathermatic controller or visit the official Weathermatic website.

For technical assistance, troubleshooting, or product inquiries, please contact Weathermatic Technical Support:

- **Website:** www.weathermatic.com
- **Customer Service:** Refer to the website for contact numbers and hours of operation.

When contacting support, please have your product model number (SLM4) and controller model number (SL1600 or PL1600) available.