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Toro EMOD-4

Toro Evolution 4-Station Expansion Module User Manual

Model: EMOD-4

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Toro Evolution 4-Station Expansion Module. Please read these instructions thoroughly before use to ensure optimal performance and longevity of the product.

2. PRODUCT OVERVIEW

The Toro Evolution 4-Station Expansion Module (Model EMOD-4) is designed to seamlessly integrate with your existing Toro Evolution Series Controller, expanding its capacity by four additional irrigation zones. This module allows for increased flexibility in managing larger or more complex irrigation systems.



Figure 1: Toro Evolution 4-Station Expansion Module. This image displays a light gray rectangular module with the 'Toro' logo and 'EMOD-4' embossed on its surface. It features four screw terminals at the bottom for wiring connections and clips on the top for secure attachment to a compatible controller.

Key Features:

- Adds four additional zones to compatible Toro Evolution Series Controllers.
- Designed for easy integration and expansion.
- Backed by a five-year warranty from Toro.

3. SAFETY INFORMATION

Always observe basic safety precautions when installing or servicing electrical components. Disconnect power to the main controller before installing or removing the expansion module. Refer to your main Toro Evolution Series Controller manual for specific safety guidelines and electrical wiring instructions.

4. SETUP AND INSTALLATION

The Toro Evolution 4-Station Expansion Module is designed for straightforward installation. No complex configuration is typically required, as the module is recognized by the main controller upon connection.

1. **Power Disconnection:** Before beginning installation, ensure that the main Toro Evolution Series Controller is powered off and disconnected from its power source.
2. **Module Insertion:** Locate the expansion module slot(s) on your Toro Evolution Series Controller. Align the expansion module with the slot and gently push it into place until it snaps securely.
3. **Wiring Connections:** Connect the new irrigation zone wires to the screw terminals on the expansion module. Ensure proper common wire connection as per your main controller's wiring diagram. Tighten screws firmly to secure wires.
4. **Power Restoration:** Once the module is securely installed and all wiring is complete, restore power to the main Toro Evolution Series Controller. The controller should automatically detect the new zones.
5. **Verification:** Access the controller's programming interface to verify that the additional four zones are recognized and available for scheduling.

Note: For detailed wiring diagrams and specific instructions related to your main controller model, refer to its dedicated user manual.

5. OPERATION

Once installed, the 4-Station Expansion Module operates as an integral part of your Toro Evolution Series Controller. The newly added zones will be accessible through the main controller's programming interface. All scheduling, manual operation, and zone adjustments will be managed directly from the main controller.

- Refer to your main Toro Evolution Series Controller manual for instructions on programming and operating irrigation zones.
- The expansion module itself does not have independent controls; it simply extends the zone capacity of the primary controller.

6. MAINTENANCE

The Toro Evolution 4-Station Expansion Module requires minimal maintenance. Keep the module and its connections clean and free from dust, dirt, and moisture. Periodically inspect wiring connections to ensure they remain secure.

- Ensure the module is protected from extreme weather conditions if the main controller is installed outdoors.
- Do not attempt to open or repair the module yourself, as this may void the warranty.

7. TROUBLESHOOTING

If you encounter issues with the expansion module, consider the following:

- **Module Not Detected:** Ensure the module is fully seated in its slot and that the main controller's power has been cycled after installation. Check for any visible damage to the module or controller slot.
- **Zone Malfunction:** Verify that all wiring connections to the module's terminals are secure and correctly connected. Test the solenoids for the affected zones.
- **General Issues:** Refer to the troubleshooting section of your main Toro Evolution Series Controller manual for broader system diagnostics.

If problems persist, contact Toro customer support or a certified irrigation technician.

8. SPECIFICATIONS

Attribute	Value
Model Number	EMOD-4
Product Dimensions	4 x 2.5 x 2.5 inches
Item Weight	0.352 ounces
ASIN	B00U6EC4X6
Compatibility	Toro Evolution Series Controllers
Additional Zones	4

9. WARRANTY AND SUPPORT

The Toro Evolution 4-Station Expansion Module is covered by a five-year warranty from Toro. For warranty claims, technical assistance, or further support, please contact Toro customer service or visit the official Toro website.

You can find more information and support resources on the [Toro Brand Store](#).