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**SPW ICM-2200**

# SPW Hunter ICM-2200 22-Zone Expansion Module Instruction Manual

Brand: SPW | Model: ICM-2200

## 1. Product Overview

The Hunter ICM-2200 22-Zone Expansion Module is designed to significantly increase the zone capacity of your compatible Hunter irrigation timer. This module allows for greater flexibility in managing larger irrigation systems, ensuring efficient watering across more zones.



Figure 1: Front view of the SPW Hunter ICM-2200 22-Zone Expansion Module.

## 2. Key Features

- Expands compatible Hunter controllers by 22 zones.
- Compatible with Hunter ICC, ICC2, and HCC timers.
- Increases total zone capacity up to 32 zones in plastic cabinet timers or 54 zones in metal version timers.
- Designed for seamless integration with existing Hunter irrigation systems.

## 3. Compatibility

The ICM-2200 22-Zone Expansion Module is compatible with the following Hunter irrigation controllers:

- Hunter ICC Controllers
- Hunter ICC2 Controllers

- Hunter HCC Controllers

This module is also backwards compatible with older ICC timers. It must be used in conjunction with ICM800 8-zone modules for proper functionality.

## 4. Installation

Follow these steps to install your ICM-2200 22-Zone Expansion Module:

1. **Power Off:** Before beginning any installation, ensure the main power to your irrigation controller is turned off to prevent electrical shock.
2. **Locate Expansion Slots:** Open your compatible Hunter controller. Identify the available expansion slots. The ICM-2200 module must be installed in the upper right two slots and cannot have any preceding empty slots.
3. **Insert Module:** Carefully align the expansion module with the designated slots and push firmly until it clicks into place. Ensure a secure connection.
4. **Wiring:** Connect the zone wires from your irrigation system to the corresponding terminals on the expansion module. Refer to your main controller's manual for specific wiring diagrams and common wire connections.
5. **Power On:** Once all connections are secure, restore power to your irrigation controller.
6. **Configuration:** Proceed to the "Setup and Configuration" section to integrate the new zones into your controller's programming.



Video 1: This video provides a product guide for the Hunter Pro-HC controller, demonstrating its features and internal wiring. While this module is an expansion, the video illustrates the general wiring and internal layout of compatible Hunter controllers.

## 5. Setup and Configuration

After physical installation, the new zones provided by the ICM-2200 module must be configured within your main Hunter irrigation controller. This process typically involves:

- **Accessing Controller Settings:** Use the main controller's interface (dial, buttons, or touchscreen) to navigate to the programming or setup menu.
- **Zone Recognition:** The controller should automatically detect the newly installed expansion module and the additional zones. Verify that the controller recognizes the increased zone capacity.
- **Programming New Zones:** Assign watering schedules, start times, run times, and watering days for each of the newly available zones. This is done through the main controller's programming interface.
- **Manual Operation:** The controller typically allows for manual operation of individual stations or all stations, which can be useful for testing newly configured zones.

Refer to your specific Hunter ICC, ICC2, or HCC controller's user manual for detailed programming instructions.

## 6. Operation

The operation of the expanded zones is managed directly through your main Hunter irrigation controller (ICC, ICC2, or HCC). The ICM-2200 module seamlessly integrates to provide additional control points.

- **Automatic Operation:** Once programmed, the controller will automatically run the assigned watering schedules for all zones, including those added by the expansion module.
- **Manual Operation:** For testing or immediate watering needs, you can manually activate individual zones or programs via the main controller's interface.
- **System Off:** The entire irrigation system, including expanded zones, can be turned off via the main controller.

For detailed instructions on setting programs, adjusting run times, and utilizing advanced features, consult the user manual for your specific Hunter controller model.

## 7. Specifications

| Attribute | Value |
|---|---|
| Model | ICM-2200 |
| Brand | SPW |
| Number of Zones | 22 |
| Compatible Controllers | Hunter ICC, ICC2, HCC |
| Material | Plastic |
| Color | Gray |
| Item Weight | 8 ounces (0.5 Pounds) |
| Package Dimensions | 10.08 x 3.23 x 2.09 inches |
| UPC | 746178855829 |

## 8. Support

For technical assistance, troubleshooting, or further information regarding your SPW Hunter ICM-2200 22-Zone Expansion Module, please refer to the official Hunter Industries website or contact their customer support. Always consult the main controller's manual for specific operational details.


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Example: How do I reset this device or fix this error?

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