

## Hunter XC800I

# Hunter X-Core XC800i Indoor Sprinkler Timer Instruction Manual

Model: XC800I | Brand: Hunter

## INTRODUCTION

The Hunter X-Core XC800i is an indoor sprinkler controller designed for residential properties, supporting up to 8 stations for efficient lawn, garden, and drip zone watering. This controller operates independently, requiring no Wi-Fi or smart home apps. It offers precise water management with features like Cycle & Soak to reduce runoff and Seasonal Adjust for quick modifications based on weather, eliminating the need for full reprogramming. With 3 independent programs and 4 start times per program, it provides flexible scheduling. The intuitive dial interface ensures ease of use, and non-volatile memory retains settings during power outages. Built with Hunter's renowned durability, it includes surge protection and is Smart Port compatible for remote operation. This controller offers powerful performance, trusted reliability, and water-saving control in a compact, indoor-friendly design.

## SETUP

### Unpacking and Initial Inspection

Carefully remove the Hunter X-Core XC800i controller from its packaging. Inspect the unit for any signs of damage during transit. Ensure all components, including the controller unit, power transformer, and mounting hardware, are present.



Figure 1: Front view of the Hunter X-Core XC800i Sprinkler Timer, showing the display, control dial, and buttons.

## Mounting the Controller

Select a suitable indoor location for mounting the controller, away from direct sunlight and extreme temperatures. Use the provided mounting screws and anchors to securely attach the controller to the wall. Ensure the unit is level for proper operation.



Figure 2: Dimensions of the Hunter X-Core XC800i controller, illustrating its compact size for indoor installation.

## Wiring the Controller

Before wiring, ensure the power transformer is unplugged. Remove the front panel of the controller to access the wiring terminals. Connect the common wire (typically white) to the "C" terminal. Connect each zone wire to its corresponding numbered terminal (1-8). If a master valve or pump start relay is used, connect its wire to the "P/MV" terminal. For detailed wiring instructions, refer to the official product guide video below.

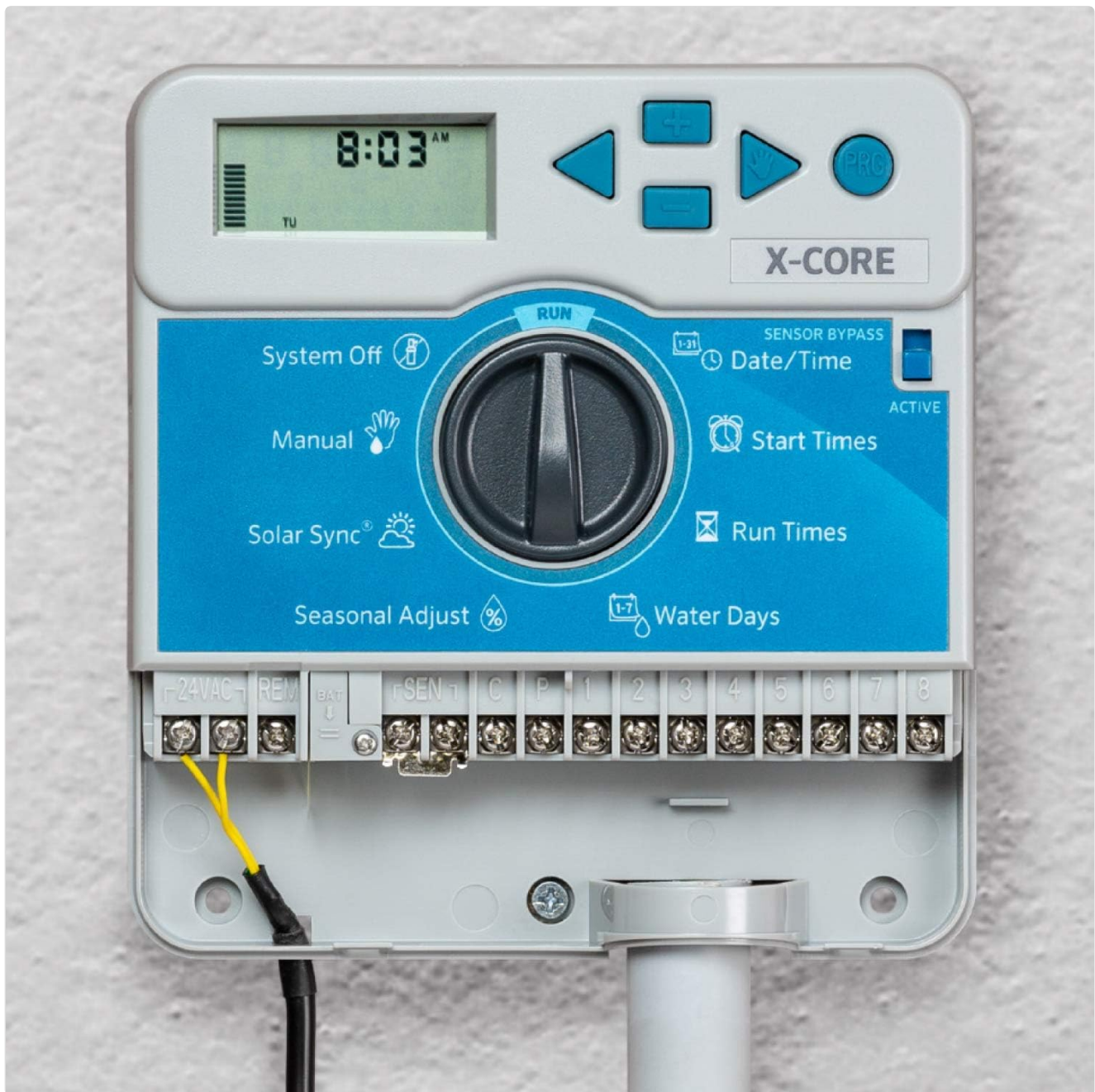


Figure 3: Close-up view of the Hunter X-Core XC800i wiring terminals, showing connections for common, zones, and master valve/pump.

## Power Connection

Once all wiring is complete, plug the provided power transformer into a standard 120V AC outlet. Then, connect the transformer's output cable to the 24VAC terminals on the controller. The display should illuminate, indicating power is supplied to the unit.

## OPERATING INSTRUCTIONS

### Understanding the Dial Interface

The Hunter X-Core XC800i features an intuitive dial interface for easy navigation and programming. Rotate the dial to select different functions such as System Off, Manual, Date/Time, Start Times, Run Times, Water Days, Solar Sync Settings, and Seasonal Adjustment.





Figure 4: Detailed view of the Hunter X-Core XC800i control dial, highlighting each function position for user reference.

## Basic Programming

The controller supports 3 independent programs (A, B, C) with up to 4 start times each. To program:

1. Rotate the dial to the "Date/Time" position to set the current time and day. Use the arrow buttons to adjust values.
2. Turn the dial to "Start Times" to set the desired start times for each program.
3. Move the dial to "Run Times" to specify the watering duration for each station within each program.
4. Select "Water Days" to choose specific days of the week for irrigation or use the Cycle & Soak feature.

## Seasonal Adjustment

The Seasonal Adjust feature allows you to quickly increase or decrease all station run times by a percentage, adapting to changing weather conditions without reprogramming each zone individually. Rotate the dial to "Seasonal Adjust" and use the arrow buttons to set the desired percentage.

## Water-Saving Features

- **Cycle & Soak:** This feature breaks down longer watering times into shorter, more frequent cycles, allowing water to penetrate the soil more effectively and reducing runoff, especially on sloped areas or dense soils.

- **Solar Sync Compatibility:** The X-Core is compatible with Hunter's Solar Sync ET sensor (sold separately), which automatically adjusts watering schedules based on local weather conditions, optimizing water usage and promoting conservation.

## Manual Operation

To manually operate a single station or all stations:

- **Manual One Station:** Turn the dial to "Manual" and use the arrow buttons to select the desired station and set its run time.
- **Manual All Stations:** Turn the dial to "Manual" and press the right arrow button to initiate a manual run of all stations in sequence.

## Official Product Guide Video

Your browser does not support the video tag.

Video 1: "X-Core Irrigation Controller Product Guide" by Hunter Industries Inc. This video provides a comprehensive overview of the X-Core controller's features and programming.

## MAINTENANCE

### Non-Volatile Memory

The X-Core controller is equipped with non-volatile memory, which permanently stores all programmed settings, including date and time, even during power outages. This eliminates the need for reprogramming after a power interruption.

### Quick Check Diagnostics

The Quick Check feature allows for easy troubleshooting of field wiring issues. It scans the station wiring and displays an "err" message on the screen if a short circuit is detected on a particular station number, helping to quickly identify and resolve electrical problems.

## TROUBLESHOOTING

If the controller display is blank, first check the power outlet by plugging in another device. If the outlet has power, verify the transformer connection to the controller. If the display shows an "err" message, use the Quick Check feature to identify the problematic station wiring. For persistent issues, consult a qualified irrigation professional.

## SPECIFICATIONS

Feature	Detail
Brand	Hunter
Model Number	XC800I
Item Weight	1.2 pounds
Product Dimensions	5.75"L x 2"W x 6.5"H
Voltage	120 Volts (AC)
Display Type	LCD or LED
Operating Temperature	50 Degrees Fahrenheit

Feature	Detail
Material	Metal
Color	Gray
UPC	611698146484

## WARRANTY AND SUPPORT






### Warranty Information

The Hunter X-Core XC800i is backed by a 2-year factory warranty, ensuring reliable performance and peace of mind.

### Additional Support

For enhanced control, the X-Core is Smart Port compatible, allowing for remote operation using Hunter ROAM remotes (sold separately). For further assistance or detailed troubleshooting, please refer to the official Hunter Industries website or contact their customer support.

### Related Documents - XC800i

	<a href="#">Hunter X-CORE® Residential Irrigation Controller: Owner's Manual &amp; Programming Guide</a> Comprehensive owner's manual and programming instructions for the Hunter X-CORE® Residential Irrigation Controller. Learn how to install, program, and troubleshoot your smart watering system for efficient lawn and garden care.
	<a href="#">Hunter X2 Irrigation Controller: Programming and Setup Guide</a> A comprehensive guide to programming and setting up the Hunter X2 irrigation controller. Learn how to set date/time, start times, run times, water days, and integrate with Hydrowise using the WAND module. Includes wiring and electrical information.
	<a href="#">Hunter X-Core Irrigation Controller Quick Start Guide</a> A concise guide to setting up and programming your Hunter X-Core irrigation controller, covering basic functions, advanced features, and troubleshooting. Learn how to set schedules, adjust watering times, and resolve common issues.
	<a href="#">Hunter X-Core Irrigation Controller Quick Start Guide</a> A quick start guide for the Hunter X-Core irrigation controller, covering setup, programming, and troubleshooting.
	<a href="#">Hunter X-CORE Irrigation Controller User Manual and Programming Guide</a> Comprehensive guide to installing, programming, and troubleshooting the Hunter X-CORE sprinkler system controller. Learn about features like Solar Sync, manual operation, and advanced settings.

**Hunter®**

Návod na obsluhu



[Hunter X-CORE Irrigation Controller User Manual](#)

This manual provides detailed instructions for the installation, programming, and operation of the Hunter X-CORE irrigation controller. It covers features such as setting schedules, using sensors, manual operation, and troubleshooting common issues.