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› Hunter X-Core 6 XC600i Indoor Sprinkler Timer Instruction Manual

Hunter Industries XC600I

Hunter X-Core 6 XC600i Indoor Sprinkler Timer Instruction Manual

Model: XC600I | Brand: Hunter Industries

1. PRODUCT OVERVIEW

The Hunter X-Core XC600i is an indoor sprinkler controller designed for reliable irrigation control in small to medium-sized residential properties. It supports up to 6 zones and is suitable for lawns, flower beds, and drip zones. This controller operates offline with an intuitive dial interface, eliminating the need for Wi-Fi or mobile applications. It allows for customized watering schedules with up to 3 programs and 4 start times per program.

Key features include water-saving capabilities like Cycle & Soak for gradual absorption, Seasonal Adjust for automatic watering time scaling, non-volatile memory to retain schedules during power outages, built-in short circuit protection, and Hunter Quick Check diagnostics for troubleshooting.



Figure 1: Front view of the Hunter X-Core 6 XC600i Indoor Sprinkler Timer.

2. SETUP AND INSTALLATION

2.1 Mounting the Controller

The XC600i is designed for indoor installation in locations such as garages, sheds, or utility rooms. It is an effortless replacement for older Hunter indoor timers, reusing existing wiring and mounting in minutes.



Figure 2: Hunter X-Core controller mounted indoors.

2.2 Wiring Connections

Connect the station wires, common wire, and power supply according to the wiring diagram provided in the full manual. The controller supports up to 6 zones. Ensure all connections are secure.



Figure 3: Wiring terminals on the Hunter X-Core controller.

3. OPERATING INSTRUCTIONS

The X-Core controller features a simple dial interface for programming and operation. Turn the dial to select different settings.

3.1 Setting Date and Time

- Turn the dial to the **Date/Time** position.
- Use the arrow buttons to adjust the current date and time.

3.2 Programming Watering Schedules (Programs A, B, C)

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

- Turn the dial to **Start Times** to set the desired start times for each program.
- Turn the dial to **Run Times** to set the duration for each zone within the selected program.
- Turn the dial to **Water Days** to select specific days of the week for watering, or choose odd/even day watering.

3.3 Manual Operation

- To manually start a single station, turn the dial to **Manual One Station**. Use the arrow buttons to select the station and desired run time.
- To manually start all stations, turn the dial to **Manual All Stations**.

The controller can also be turned **System Off** to halt all automatic watering.

4. WATER-SAVING FEATURES

4.1 Seasonal Adjust

The **Seasonal Adjust** feature allows you to scale watering times up or down as seasons change, without reprogramming each station. Turn the dial to **Seasonal Adjust %** and use the arrow buttons to set the desired percentage (e.g., 100% for peak summer, lower percentages for cooler months).

4.2 Solar Sync ET Sensor Compatibility

The X-Core can be converted into a smart controller by integrating with a **Solar Sync ET Sensor** (sold separately). This sensor automatically adjusts irrigation run times based on locally measured weather conditions, including rain and freezing temperatures, helping to conserve water.



Figure 4: Solar Sync ET Sensor integration for weather-based adjustments.

4.3 Cycle & Soak

The Cycle & Soak feature allows for gradual water absorption, reducing runoff on compacted or sloped areas. This feature is programmable within the watering schedules to optimize water usage.

5. TROUBLESHOOTING

5.1 Quick Check Diagnostics

The **Quick Check** feature simplifies troubleshooting field wiring issues. It scans the station wiring and displays an "err" message on the LCD screen if a short circuit is detected on a particular station number. This helps in quickly identifying and resolving wiring problems.

5.2 Power Outages

The X-Core controller is equipped with non-volatile memory, which retains the current program data, date, and time settings during power outages. This ensures that your irrigation schedule remains intact without requiring reprogramming after power is restored.

6. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	XC600I
Brand	Hunter Industries
Number of Zones	6
Programs	3 (A, B, C)
Start Times per Program	4
Installation	Indoor
Voltage	120 Volts (AC)
Material	Plastic
Color	Gray
Display Type	LCD
Item Weight	1.2 pounds
Product Dimensions	5.75"L x 2"W x 6.5"H
Operating Temperature	68 Degrees Fahrenheit
UPC	611698146422
ASIN	B00FYRXNUI

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Hunter X-Core controller is backed by a **two-year factory warranty**. Please refer to the official Hunter Industries website or your product packaging for complete warranty terms and conditions.

7.2 Customer Support

For technical assistance, troubleshooting, or further information, please visit the [Hunter Industries Store on Amazon](#) or their official website.

8. OFFICIAL PRODUCT VIDEOS

X-Core Irrigation Controller Product Guide

Your browser does not support the video tag.

This video provides a comprehensive product guide for the Hunter X-Core Irrigation Controller, detailing its features, capabilities, and benefits for residential irrigation applications. It covers configuration, water-saving features like Solar Sync, and troubleshooting with Quick Check diagnostics.

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Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question