

Orbit 57946Z

Orbit 57946 B-hyve Smart Indoor/Outdoor 6-Station WiFi Sprinkler System Controller User Manual

Model: 57946Z

Brand: Orbit

1. INTRODUCTION

Upgrade your watering routine with the Orbit B-hyve Sprinkler Controller - the ultimate solution for efficient and comprehensive watering. With over 100 active patents and industry recognition awards, we are North America's premier company for residential watering. Our cutting-edge technology and expertise ensure that your plants receive the perfect amount of water, whether indoors or outdoors. Experience the convenience and effectiveness of our drip irrigation system, designed to save time and water. Our PVC-Lock, Blu-Lock, and Drip-Lock technologies provide secure and leak-free connections for sprinkler pipes and drip tubing, ensuring precise water distribution for healthy plant growth. Take control of your watering schedule with the WiFi hose controller, allowing you to adjust and customize your irrigation from anywhere using your smartphone. Whether you're a residential homeowner, professional contractor, or passionate grower, our automatic sprinkler systems controller caters to your specific needs, allowing you to create a personalized and efficient watering solution. By embracing our comprehensive ecosystem of smart solutions, you contribute to responsible water usage and help secure access to safe fresh water for communities worldwide. Join the growing community of satisfied customers who have revolutionized their watering routine with the Orbit B-hyve Sprinkler Controller. Upgrade today and experience the speed, reliability, and innovation of our automatic watering system. Say goodbye to guesswork and hello to precise and efficient watering for healthier, more vibrant plants. Order now and take the first step in changing the way you water!

2. WHAT'S IN THE BOX

- Controller

3. SETUP

3.1 Mounting the Controller

The Orbit B-hyve controller is designed for easy installation. Choose a location near a power outlet and

where your Wi-Fi signal is strong. The unit can be placed indoors or outdoors, offering maximum flexibility.



Figure 1: Main view of the Orbit B-hyve Smart Sprinkler Controller.

3.2 Wiring Connections

Open the controller's front cover to access the wiring terminals. The unit features clearly labeled screw terminals for each zone (1-6 for this model), common wire (COM), and sensor connections. Loosen the Phillips head screws, insert the stripped wire ends, and tighten the screws to secure the connection. Ensure proper wire routing to maintain the weather-resistant seal.

Smart Design



Internal Power Supply



Traditional screen and program on device



Integrated Weatherproof locking case



Figure 2: Internal wiring connections for zones and power.

3.3 Power Connection

Connect the power cord to a standard electrical outlet. The controller includes a backup battery to retain programming settings in case of a power outage, though it will not operate the sprinklers without AC power.

3.4 App Download and Initial Pairing

Download the Orbit B-hyve app from your device's app store. Once installed, open the app and follow the on-screen instructions to create an account or log in. The app will guide you through connecting your controller to your home Wi-Fi network. This enables remote control and smart features.



Figure 3: Orbit B-hyve controller with smartphone showing the app interface.

3.5 Official Product Video: Installation Overview

Video 1: An official video from Orbit Irrigation Products, Inc. providing an overview of the B-hyve Smart Indoor/Outdoor Sprinkler Timers, including installation steps.

4. OPERATING THE CONTROLLER

4.1 On-Device Manual Control

The controller features a user-friendly interface with a dial and buttons for manual operation. You can set programs (A, B, C, D), adjust start times, run times, and watering frequency directly from the unit. The display shows the current time and next scheduled watering event.



Figure 4: Front panel of the Orbit B-hyve controller for manual adjustments.

4.2 App-Based Control and Smart Features

The B-hyve app provides comprehensive control over your sprinkler system from anywhere. You can create and manage multiple watering programs, set specific zones, and adjust watering duration. The app also offers manual watering options, allowing you to run specific zones for a set period, which is particularly useful for testing or spot watering.



Control Your Sprinklers From Anywhere in the World

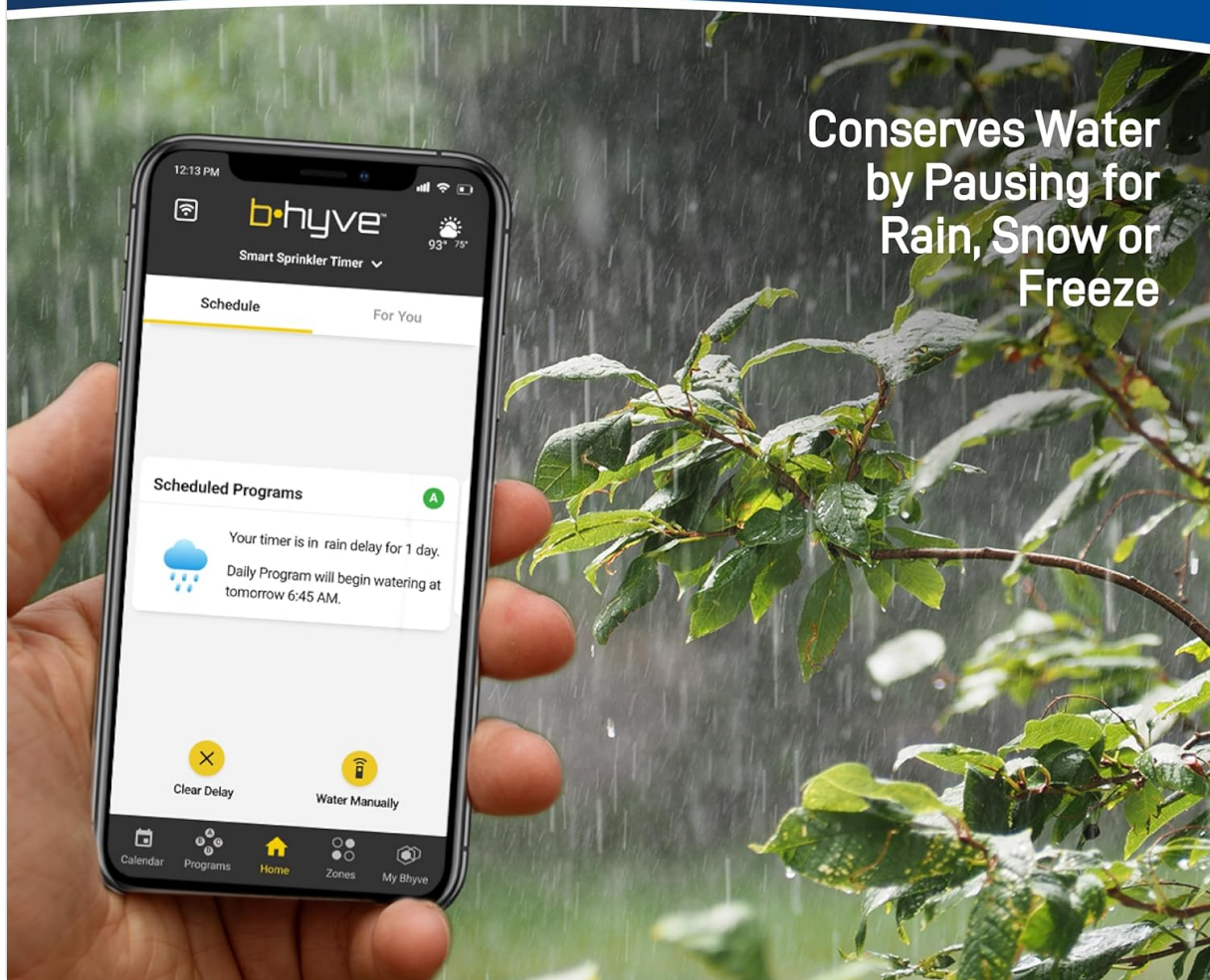


Figure 5: The B-hyve app allows detailed control over individual zones.

One of the key features is Smart Watering, which uses local weather data (via WeatherSense Technology) to automatically adjust your watering schedule. This helps conserve water by pausing watering during rain, high winds, or freezing temperatures. You can view your watering history and upcoming schedules directly in the app's calendar view.



WeatherSense® Technology



Conserves Water
by Pausing for
Rain, Snow or
Freeze

Figure 6: WeatherSense Technology helps conserve water by adjusting schedules based on local weather.

5. MAINTENANCE

5.1 Regular Inspection

Periodically inspect your sprinkler heads for any damage, clogs, or misalignment. Ensure that water is being distributed evenly and efficiently across your lawn and garden areas. Clean any debris from around the sprinkler heads to prevent obstruction.

5.2 Leak Detection

Regularly check for any signs of leaks in your irrigation system, including wet spots in the lawn, unusually high water bills, or visible drips from pipes or connections. Address any leaks promptly to prevent water waste and potential damage.

5.3 Winterization (for colder climates)

In regions with freezing temperatures, it is crucial to properly winterize your sprinkler system to prevent damage. This typically involves shutting off the main water supply to the system, draining all water from the pipes and sprinkler heads, and disconnecting the controller if it is installed outdoors. Consult a local

irrigation professional if you are unsure about proper winterization procedures for your area.

6. TROUBLESHOOTING

6.1 Sprinklers Not Activating

- Check power supply: Ensure the controller is plugged in and receiving power.
- Verify wiring: Confirm that all zone wires and the common wire are securely connected to the correct terminals.
- Check app schedule: Ensure that a watering program is active and correctly scheduled in the B-hyve app.
- Manual override: Try running a zone manually from the controller or app to test if the valves are functioning.

6.2 Low Water Pressure

- Check main water supply: Ensure the main water valve to your irrigation system is fully open.
- Inspect sprinkler heads: Clogged or damaged sprinkler heads can reduce pressure. Clean or replace as needed.
- Check for leaks: Significant leaks can cause a drop in system pressure.

6.3 Wi-Fi Connectivity Issues

- Router proximity: Ensure the controller is within range of your Wi-Fi router.
- Network credentials: Double-check that the Wi-Fi password entered in the app is correct.
- Router reboot: Try restarting your home Wi-Fi router.
- Controller reset: If issues persist, you may need to reset the controller and re-pair it with the app. Refer to the full user manual for reset instructions.

7. SPECIFICATIONS

Feature	Detail
Brand	Orbit
Model Number	57946Z
Zones	6-Zone
Placement	Indoor/Outdoor
Connectivity	Wi-Fi, Bluetooth
Voltage	110 Volts
Material	Plastic
Product Dimensions	3"L x 9"W x 8"H
Weight	1.32 Pounds






Feature	Detail
First Available	March 15, 2016

8. WARRANTY & SUPPORT

For detailed warranty information, please refer to the full user manual or visit the official Orbit Irrigation Products website. For technical support or troubleshooting assistance, you can also refer to the user guide PDF provided by the manufacturer.

Download User Manual (PDF): [User Manual](#)

Related Documents - 57946Z

	<p>Orbit B-hyve WiFi Sprinkler Timer User Manual</p> <p>Comprehensive user manual for the Orbit B-hyve WiFi Sprinkler Timer, covering installation, app setup, programming, manual operation, and troubleshooting. Learn how to conserve water and manage your irrigation efficiently.</p>
	<p>Orbit B-hyve WiFi Sprinkler Timer User Manual</p> <p>User manual for the Orbit B-hyve WiFi Sprinkler Timer, detailing installation, setup, features, and operation.</p>
	<p>Orbit B-hyve WiFi Sprinkler Timer User Manual</p> <p>A comprehensive user manual for the Orbit B-hyve WiFi Sprinkler Timer, covering installation, setup, app usage, timer controls, programming, and manual operation.</p>
	<p>Orbit B-hyve Smart WiFi Sprinkler Timer User Guide</p> <p>User guide for the Orbit B-hyve Smart WiFi Sprinkler Timer, covering installation, programming, features like rain delay and budgeting, troubleshooting, and specifications.</p>
	<p>Orbit B-hyve Smart WiFi Sprinkler Timer User's Guide</p> <p>Comprehensive user guide for the Orbit B-hyve Smart WiFi Sprinkler Timer, detailing installation, setup, programming, features like rain delay and budgeting, troubleshooting, and specifications. Learn how to connect to Wi-Fi, set watering schedules, and manage your irrigation system efficiently.</p>



[Orbit B-hyve Smart WiFi Indoor Sprinkler Timer Quick Start Guide](#)

Quick start guide for the Orbit B-hyve Smart WiFi Indoor Sprinkler Timer, covering installation, Wi-Fi connection, app setup, and manual operation. Learn how to set up your smart irrigation system.