

Raddy WS-5

Raddy WS-5 Sprinkler Timer User Manual

Model: WS-5 | Brand: Raddy

INTRODUCTION

The Raddy WS-5 Sprinkler Timer is a sophisticated yet user-friendly device designed to automate your garden and lawn irrigation. Featuring a dual-zone control, it allows for independent watering schedules for two separate areas, ensuring optimal hydration for various plant needs. Its robust IP55 waterproof construction makes it ideal for outdoor use, while intelligent features like rain delay and a low battery reminder provide convenience and efficiency.



Figure 1: Front view of the Raddy WS-5 Sprinkler Timer, showcasing its clear LED screen and intuitive control dial.

SETUP GUIDE

1. Battery Installation

The Raddy WS-5 Sprinkler Timer requires four (4) AA batteries (not included) for operation. Ensure the battery compartment is clean and dry before inserting batteries, observing the correct polarity (+/-) as indicated inside the compartment.



Figure 2: Components of the Raddy WS-5 Sprinkler Timer, including the main unit, hose connectors, and sealing tape, which can be used during installation.

2. Attaching to Faucet

Screw the timer securely onto your outdoor faucet (spigot). It is recommended to attach the timer directly to the spigot to minimize leaks. Ensure the connection is tight to prevent water leakage. The timer is designed to fit standard 3/4" hoses.

3. Connecting Hoses

Connect your garden hoses to the two independent outlets at the bottom of the timer. The WS-5 features two separate outlets for added versatility, allowing independent irrigation schedules for each zone. Ensure a secure connection for both hoses.



Figure 3: Detailed view of the Raddy WS-5, highlighting its waterproof rubber ring, large screen, and quick setup features, along with its compatibility with 3/4" hoses.

OPERATING INSTRUCTIONS

The Raddy WS-5 features a clear LED screen and a multi-function dial for easy programming. Rotate the dial to select different settings and use the '+' and '-' buttons to adjust values. The 'ZONE' button allows you to switch between Zone 1 and Zone 2 for independent programming, and the 'OK/MANUAL' button confirms settings or activates manual watering.

1. Setting the Clock

- Turn the dial to 'SET CLOCK'.
- Use the '+' and '-' buttons to set the current time (24-hour format).
- Press 'OK/MANUAL' to confirm and move to the next setting, or turn the dial to another function.

2. Programming Watering Schedules (AUTO Mode)

The timer allows for flexible watering schedules for each of its two zones.

- **Set Start Time:** Turn the dial to 'START TIME'. Use '+' and '-' to set the desired start time for watering. Press 'ZONE' to switch between Zone 1 and Zone 2.
- **Set How Long:** Turn the dial to 'HOW LONG'. Set the watering duration from 1 minute to 5 hours and 59 minutes. Press 'ZONE' to switch between zones.
- **Set How Often:** Turn the dial to 'HOW OFTEN'. Choose the frequency: every 1 hour to 23 hours, or every 1 day to 7 days. Press 'ZONE' to switch between zones.



Figure 4: Display showing the range of 'How Long' (1 minute to 5 hours 59 minutes) and 'How Often' (Every 1 hour to 7 days) settings for precise watering control.



Figure 5: Example of dual-zone programming, showing independent start times, durations, and frequencies for Zone 1 (sprinkler) and Zone 2 (pool filling).

Once programmed, turn the dial to 'AUTO' for the timer to begin its automatic watering schedule.

3. Manual Watering Mode

For immediate watering, use the manual mode:

- Turn the dial to 'MANUAL'.
- Use the 'ZONE' button to select the desired zone (Zone 1 or Zone 2).
- Use the '+' and '-' buttons to set the desired manual watering duration.
- Press 'OK/MANUAL' to start watering. The timer will automatically revert to its programmed schedule after the manual watering is complete.



Figure 6: A user demonstrating the manual watering mode, allowing for on-demand irrigation.

4. Rain Delay Function

To conserve water during rainy periods, activate the rain delay:

- Turn the dial to 'RAIN DELAY'.
- Use the '+' and '-' buttons to set the delay duration (1 to 7 days).
- Press 'OK/MANUAL' to confirm. The timer will pause its schedule for the set duration and resume automatically afterward.

RAIN DELAY

Manually Activate the Delay Mode During Rainy Days to Pause Watering for 1 to 7 Days and Conserve Water



Figure 7: The Raddy WS-5 timer in a rainy environment, illustrating its rain delay capability and IP55 waterproof design.

5. Child Lock Feature

To prevent accidental operation or tampering, the Raddy WS-5 includes a child lock feature. Consult the full user manual for specific instructions on activating and deactivating this feature.

CHILD LOCK FEATURE

Keep Your Garden Safe from Accidental Operation



Figure 8: The child lock feature helps prevent unintended changes to the watering schedule, ensuring garden safety.

MAINTENANCE

- **Waterproof Rating:** The Raddy WS-5 is IP55 waterproof, designed to withstand outdoor conditions. It features an additional sealing ring to block moisture.
- **Temperature Considerations:** Do not use the watering timer when temperatures are below 40°F (4.5°C). The hose timer should be removed from the hose faucet and stored indoors to avoid potential freeze damage.
- **Low Battery Reminder:** The timer features a low battery indicator on its display to remind you when it's time to replace the batteries. Prompt replacement ensures continuous operation and prevents valve failure due to power loss.



Figure 9: The low battery alert on the display helps prevent unexpected interruptions in watering schedules.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not turning on/display blank.	Dead or incorrectly installed batteries.	Replace with fresh AA batteries, ensuring correct polarity.

Problem	Possible Cause	Solution
No water flow from an outlet.	<ul style="list-style-type: none">◦ Faucet is off.◦ Timer is in 'OFF' mode or not programmed.◦ Low water pressure.◦ Clogged filter washer at inlet.◦ Zone not activated or programmed correctly.	<ul style="list-style-type: none">◦ Ensure faucet is fully open.◦ Set dial to 'AUTO' or use 'MANUAL' mode.◦ Check household water pressure.◦ Remove and clean the filter washer at the timer's inlet.◦ Verify programming for the specific zone (start time, duration, frequency).
Water leakage from connections.	Loose connections or worn out washers.	Tighten all connections. Replace rubber washers if damaged. Use plumber's tape on threads if necessary.
Timer not following schedule.	Incorrect programming or low battery.	Re-check all programming settings (clock, start time, duration, frequency). Ensure batteries are fresh.

SPECIFICATIONS

Feature	Detail
Model	WS-5
Brand	Raddy
Color	Black
Material	Plastic
Product Dimensions (D x W x H)	3.94"D x 1.97"W x 1.97"H
Item Weight	0.88 Pounds (14.1 ounces)
Number of Settings	2 (Zones)
Watering Duration	1 minute to 5 hours 59 minutes
Watering Frequency	Every 1 hour - 23 hours, or Every 1 day - 7 days
Rain Delay	1-7 days
Waterproof Rating	IP55
Power Source	4 x AA Batteries (not included)
Operating Temperature	Above 40°F (4.5°C)

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Raddy WS-5 Sprinkler Timer, please contact Raddy customer service. Refer to the product packaging or the official Raddy website for the most up-to-date contact details.

Website: [Visit the Raddy Store on Amazon](#)

Related Documents - WS-5

	<p>Raddy WS-64 Automatic Watering Timer User Manual</p> <p>Comprehensive user manual for the Raddy WS-64 automatic watering timer, detailing setup, operation, features, and troubleshooting for garden irrigation systems.</p>
	<p>Raddy Outdoor Solar Irrigation System WS-1 User Manual</p> <p>Comprehensive user manual for the Raddy Outdoor Solar Irrigation System WS-1. Learn about setup, functions, specifications, and important notes for efficient garden watering. Includes information on components, installation steps, and system operation, along with disposal guidelines.</p>
	<p>WS-7 Manual: Your Guide to Automated Plant Watering</p> <p>Comprehensive user manual for the Raddy WS-7 automatic watering system. Learn about technical specifications, LCD screen functions, initial setup, installation, testing, and mounting options for efficient plant care.</p>
	<p>RADDY WS-2 Smart Solar Irrigation System User Manual</p> <p>User manual for the RADDY WS-2 Smart Solar Irrigation System, detailing setup, app features, installation, troubleshooting, and warranty information for smart garden watering.</p>
	<p>Raddy WS-8 3-Zone Digital Water Timer User Manual</p> <p>Comprehensive user manual for the Raddy WS-8, a 3-zone digital water timer designed for efficient garden irrigation. Learn about installation, programming, features, and maintenance.</p>



Raddy Outdoor Solar Irrigation System
WS-1
User Manual

[Raddy WS-1 Outdoor Solar Irrigation System User Manual](#)

Comprehensive user manual for the Raddy WS-1 Outdoor Solar Irrigation System, detailing setup, functions, and specifications for efficient garden watering.