

Sonew 8-Zone Smart Sprinkler Controller

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Model: 8-Zone Smart Sprinkler Controller

Brand: Sonew

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Sonew 8 Zones Smart Sprinkler Controller. This device is designed to intelligently manage your garden's irrigation system, offering remote control via the TUYA application and compatibility with voice assistants for efficient water management.

PRODUCT OVERVIEW

Key Features

- **Intelligent Control:** Remote management via the TUYA APP and compatibility with voice control devices such as Google Assistant.
- **Timed Watering:** Customizable watering schedules for each of the 8 zones, with options for uniform timing across all zones. Includes manual control and countdown functions.
- **Water Saving:** Integrates with intelligent weather forecasts through the mobile application to prevent unnecessary watering during rain or snow.
- **Easy Installation:** Simple setup process requiring a 24V 1A power adapter (not included) and configuration through the mobile application.
- **Power Outage Resilience:** Automatic reconnection to the network after power restoration.

Package Contents

Upon unpacking, please verify that all items listed below are present:

- 1 x Sprinkler Controller
- 1 x Wiring Harness
- 3 x Screws

- 3 x Expansion Tubes
- 1 x User Manual (this document)



Image: The Sonew 8 Zones Smart Sprinkler Controller shown with its included wiring, screws, and expansion tubes.

SETUP

1. Preparation

- Ensure you have a 24V 1A AC power adapter (not included) available.
- Choose a suitable outdoor location for the controller with good Wi-Fi signal coverage.

2. Physical Installation

1. Mount the sprinkler controller securely using the provided screws and expansion tubes in your chosen location.
2. Connect the wiring harness to your irrigation valves according to the diagram provided in the physical manual (if applicable) or general irrigation system wiring standards.
3. Connect the 24V 1A power adapter to the smart irrigation controller.

3. App Connection

1. Download the **TUYA Smart** or **TUYA** application from your mobile device's app store.
2. Open the app and follow the on-screen instructions to add a new device.

3. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network (5GHz networks are not supported by the controller).
4. Follow the app's prompts to bind the sprinkler controller to your account. This typically involves putting the controller into pairing mode (refer to the controller's indicator lights for status).

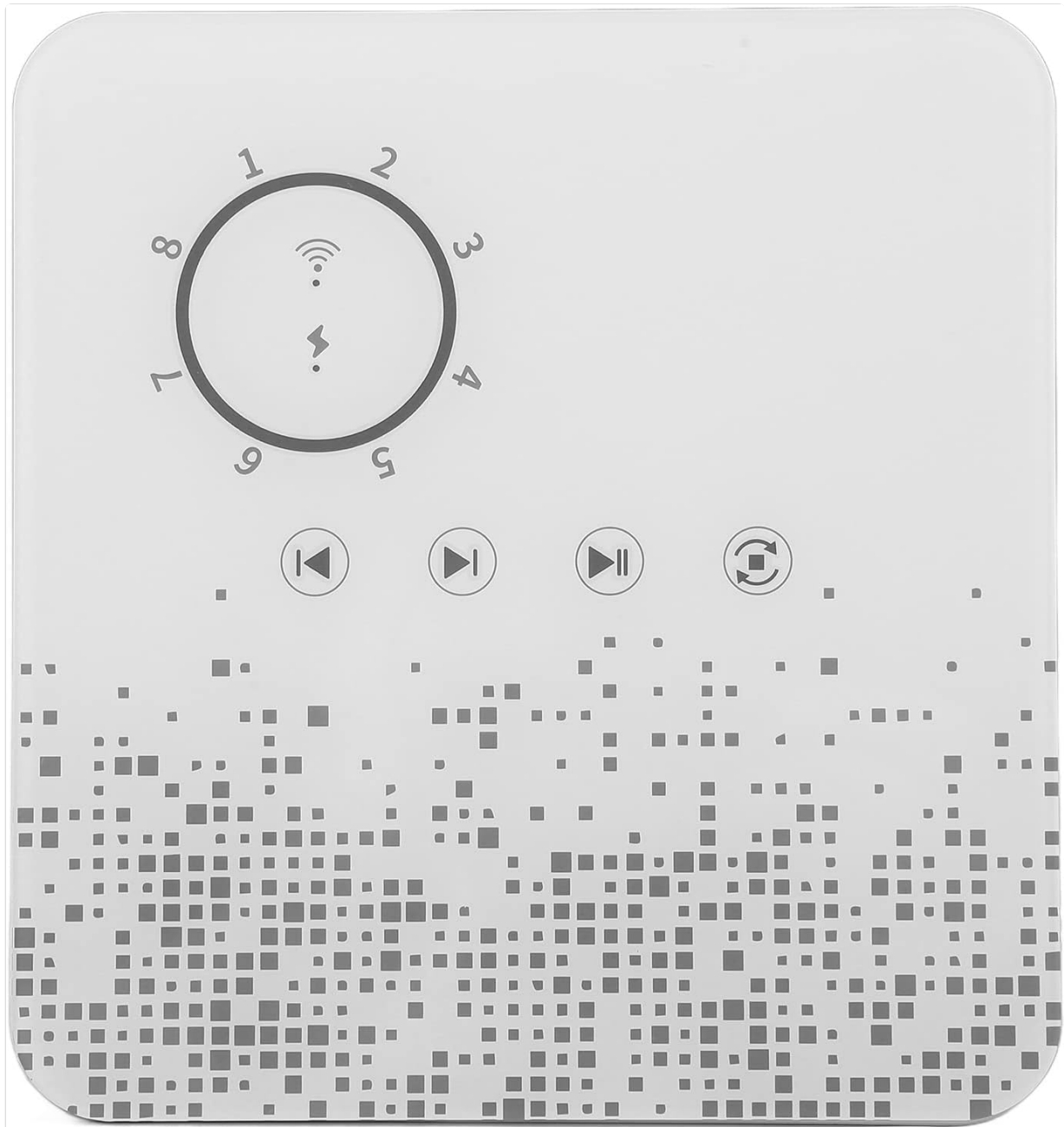


Image: A close-up view of the Sonew Smart Sprinkler Controller's top panel, showing the zone indicators and control buttons.

OPERATING INSTRUCTIONS

1. Remote Control via TUYA APP

Once the controller is successfully connected to the TUYA app:

- You can remotely turn on/off individual zones or the entire system.
- Set up customized watering schedules for each of the 8 zones. Each zone can have different start times, durations, and days of the week.
- Configure all 8 zones to run for the same watering duration if desired.

- Utilize the app's integration with intelligent weather forecasts to automatically adjust watering schedules, conserving water on rainy or snowy days.

2. Manual Control

The controller supports manual operation directly from the device:

- Use the physical buttons on the controller to manually start or stop watering for specific zones.
- A countdown function is available for manual watering sessions.

3. Voice Control

The Sonew Smart Sprinkler Controller is compatible with voice assistants such as Google Assistant:

- Integrate the TUYA app with your voice assistant platform.
- Use voice commands to control the sprinkler system (e.g., "Hey Google, turn on sprinkler zone 1").
- Note: While individual zones can be controlled via the app, direct voice control for individual zones may have limitations depending on the voice assistant integration.



Image: The Sonew Smart Sprinkler Controller positioned in a garden, with a sprinkler actively watering the lawn in the background, demonstrating its intended use.

MAINTENANCE

To ensure the longevity and optimal performance of your Sonew Smart Sprinkler Controller, follow these general maintenance guidelines:

- **Cleaning:** Periodically wipe the exterior of the controller with a soft, dry cloth to remove dust and dirt. Avoid using abrasive cleaners or solvents.
- **Environmental Protection:** While designed for outdoor use, protect the controller from extreme weather conditions, direct prolonged sunlight, and heavy precipitation if possible, to extend its lifespan.
- **Wiring Inspection:** Annually inspect all wiring connections for any signs of wear, corrosion, or damage. Ensure all connections remain secure.
- **Software Updates:** Regularly check the TUYA app for any available firmware updates for the controller. Keeping the software updated can improve performance and add new features.

TROUBLESHOOTING

If you encounter issues with your Sonew Smart Sprinkler Controller, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Controller loses connection to Wi-Fi.	<ul style="list-style-type: none">• Ensure the controller is within range of your 2.4GHz Wi-Fi router.• Check if your Wi-Fi network is operational.• If power was cut, the controller should automatically reconnect once power is restored.• Restart your Wi-Fi router and the controller.
Sprinklers do not activate.	<ul style="list-style-type: none">• Verify the power adapter is correctly connected and supplying power (24V 1A).• Check all wiring connections to the irrigation valves.• Ensure the correct zone is selected in the app or via manual control.• Confirm that the watering schedule is active and correctly configured.
Voice control not working.	<ul style="list-style-type: none">• Ensure the TUYA app is properly linked to your voice assistant (e.g., Google Assistant).• Check your voice assistant's settings and device list.• Confirm the controller is online and accessible via the TUYA app.• Note: Direct voice control for individual zones might have limitations.
Watering occurs during rain/snow.	<ul style="list-style-type: none">• Ensure the "Water Saving" feature is enabled and configured in the TUYA app.• Verify that the app has access to accurate local weather data.

SPECIFICATIONS

Feature	Specification
Voltage	AC 24V
Current	1A
Working Frequency	50/60Hz
Network Communication	2.4GHz IEEE 802.11b/g/n
Compatible APP	TUYA Smart or TUYA
Voice Assistant Support	Google Assistant
Irrigation Zones	8 Channels
Manual Control	Supported
Timing Function	Supported
Countdown Function	Supported
Material	ABS
Item Weight	14.4 ounces
Package Dimensions	8.15 x 7.05 x 4.21 inches

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact Sonew customer service directly. Details for contacting support are typically available on the manufacturer's official website or through the retailer where the product was purchased.