OSRAM 4058075849402

OSRAM SMART+ Smart Irrigation Controller

User Manual

1. Introduction

Thank you for choosing the OSRAM SMART+ Smart Irrigation Controller. This device allows for intelligent and automated watering of your garden, ensuring optimal plant care with minimal effort. Featuring direct Wi-Fi connectivity, it integrates seamlessly with your smart home ecosystem, supporting control via the SMART+ app, Google Assistant, and Amazon Alexa.

This manual provides essential information for the safe and efficient use of your new irrigation controller. Please read it thoroughly before installation and operation.

2. Safety Information

- **Water and Electricity:** Ensure all connections are secure and watertight before operating. The device is rated IP55 for protection against dust and water jets, but it should not be submerged.
- **Power Source:** The device operates on 240 Volts. Use only approved power sources and adapters if external charging is required.
- **Children and Pets:** Keep the device out of reach of children and pets to prevent accidental damage or injury.
- **Temperature:** Do not expose the device to extreme temperatures outside its specified operating range.
- **Modifications:** Do not attempt to open, modify, or repair the device yourself. This will void the warranty and may cause damage or injury. Contact qualified service personnel for any repairs.

3. Package Contents

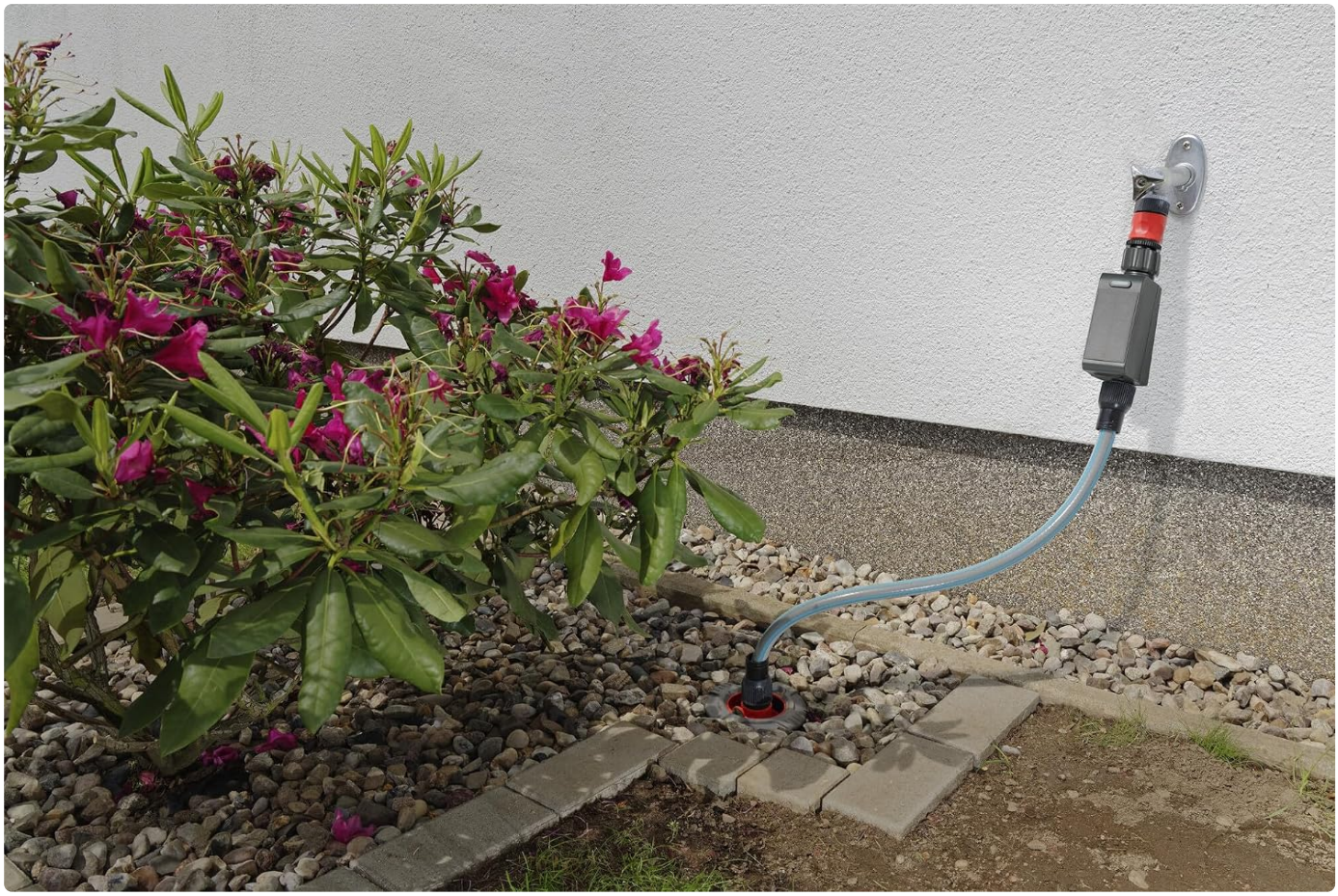
Verify that all items are present in your package:

- 1 x OSRAM SMART+ Smart Wi-Fi Irrigation Control
- User Manual (this document)

4. Product Overview

The OSRAM SMART+ Smart Irrigation Controller is a compact, black plastic device designed for outdoor use. It features an LED display for status indication and a solar panel for continuous charging. Key functionalities include:

- Reliable, fully automatic irrigation schedules with flexible time and water quantity settings.
- Two optimized operating modes for even, deep watering or gentle, efficient spray irrigation.
- Manual watering at any time, directly via the app or using the button on the controller.
- Integrated water meter providing a detailed overview of water consumption.
- Compatibility with an optional sensor to detect soil temperature and moisture for more efficient, water-saving irrigation.
- Direct Wi-Fi radio connection without the need for an additional gateway.



The OSRAM SMART+ Smart Irrigation Controller connected to an outdoor tap, watering a garden bed with lush green plants and flowers.



A close-up view of the OSRAM SMART+ Smart Irrigation Controller, highlighting its solar panel and control button.



Diagram showing the dimensions of the OSRAM SMART+ Smart Irrigation Controller: 171 mm height, 101 mm width, and 54 mm depth. Icons indicate IP55 rating and Smart Wi-Fi capabilities.

5. Setup

5.1 Physical Installation

1. **Attach to Tap:** Screw the irrigation controller onto a standard outdoor tap. Ensure the connection is hand-tight to prevent leaks.
2. **Connect Hose:** Attach your garden hose to the outlet of the irrigation controller.
3. **Positioning:** Ensure the solar panel faces an area with sufficient sunlight for optimal charging.



The OSRAM SMART+ Smart Irrigation Controller being installed on an outdoor tap, with a smartphone displaying the 'Irrigation Control' app interface.

5.2 App Installation and Pairing

1. **Download App:** Download the OSRAM SMART+ app from your smartphone's app store (available for iOS and Android).
2. **Create Account:** Open the app and follow the on-screen instructions to create an account or log in.
3. **Add Device:** Select the option to add a new device. The app will guide you through the pairing process. Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network during setup.
4. **Wi-Fi Connection:** The controller connects directly to your home Wi-Fi network (2.4 GHz). No additional gateway is required.
5. **Voice Assistant Integration:** Once paired with the SMART+ app, you can link your account to Google Assistant or Amazon Alexa for voice control. Follow the instructions in your respective voice assistant app.



Interface screenshots showing smart home control panels with icons for various functions, including WiFi and settings control within the OSRAM SMART+ app.

6. Operating the Controller

6.1 Automatic Schedules

Use the OSRAM SMART+ app to create and manage watering schedules. You can set specific times, durations, and frequencies for irrigation. The app allows for flexible adjustments to suit your garden's needs.

6.2 Manual Watering

You can initiate watering manually in two ways:

- **Via App:** Open the SMART+ app and select the manual watering option for immediate control.
- **Via Device Button:** Press the button directly on the irrigation controller to start or stop watering.

6.3 Water Consumption Monitoring

The integrated water meter tracks your water usage. View detailed consumption data within the SMART+ app to optimize your watering habits and conserve water.

6.4 Smart Features

- **Rain Delay:** Activate the rain delay function in the app to pause scheduled watering during rainy periods, preventing overwatering.
- **Frost Alarm:** The system can alert you to potential frost conditions, allowing you to take preventative measures for your plants.
- **Optional Soil Sensor:** If you have an optional OSRAM SMART+ soil sensor, integrate it with the controller via the app. The sensor provides real-time data on soil moisture and temperature, enabling the controller to adjust watering based on actual garden conditions for maximum efficiency.
- **Voice Control:** Use voice commands with Google Assistant or Amazon Alexa to start, stop, or check the status of your irrigation.



A smartphone screen displaying the OSRAM SMART+ app, illustrating features such as creating schedules, rain delay options, manual watering controls, and frost alarm settings.



An OSRAM SMART+ soil moisture sensor, a green device with three metal probes, used to detect soil temperature and moisture levels.

7. Maintenance

7.1 Cleaning

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the solar panel is clean for efficient charging.

7.2 Battery and Charging

The controller features a built-in lithium battery that is primarily charged by the integrated solar panel. It is designed to operate reliably for extended periods, even up to 60 days without direct sunlight, thanks to its efficient power management. For initial setup or if the battery is depleted, you can charge it via a USB-C port (cable not included).



The OSRAM SMART+ Smart Irrigation Controller showcasing its features: voice control, lithium battery with USB-C and solar charging, up to 60 days of operation without sun, and easy installation.

7.3 Winter Storage

Before the first frost, disconnect the irrigation controller from the tap and hose. Drain any remaining water from the device to prevent freezing damage. Store the controller in a dry, frost-free location during winter months.

8. Troubleshooting

- **Device Not Connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4 GHz. The device does not support 5 GHz networks.
  - Check Wi-Fi signal strength at the installation location.
  - Perform a factory reset on the device (refer to the app for specific instructions or press and hold the button for 10 seconds).
  - Restart your Wi-Fi router.

- **No Water Flow:**
  - Check if the tap is fully open.
  - Ensure the hose is not kinked or blocked.
  - Verify that the device battery has sufficient charge.
  - Check the app for any active rain delays or paused schedules.
- **Inaccurate Water Meter Readings:**
  - Ensure the device is installed correctly and water flows smoothly through it.
  - Contact support if discrepancies persist.
- **App Not Recognizing Device:**
  - Ensure Bluetooth is enabled on your phone during the pairing process.
  - Try re-pairing the device through the app.
  - Update the app to the latest version.

9. Specifications

Attribute	Value
Brand	OSRAM
Model Number	4058075849402
Color	Black
Material	Plastic
Voltage	240 Volts
Product Weight	332 Grams
Display Type	LED
IP Rating	IP55
Included Components	1 x SMART WIFI IRRIGATION CONTROL OSRAM
Country of Origin	China

10. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or visit the official OSRAM/LEDVANCE website. If you encounter any issues not covered in this manual or require further assistance, please contact OSRAM customer support. The manufacturer of this product is LEDVANCE.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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