

SOLEM Bluetooth 1-Way 9V Battery-Powered Controller

SOLEM Bluetooth 1-Way 9V Battery-Powered Irrigation Controller User Manual

Model: Bluetooth 1-Way 9V Battery-Powered Controller

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SOLEM Bluetooth 1-Way 9V Battery-Powered Irrigation Controller. This device allows you to manage your irrigation system wirelessly via a Bluetooth-enabled smartphone or tablet. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. SAFETY INFORMATION

- Always use a 9V alkaline battery. Do not use rechargeable batteries or batteries with different voltage.
- Ensure the battery compartment is sealed correctly to prevent water ingress.
- Do not immerse the controller in water. It is designed to be weather-resistant, not submersible.
- Keep the device out of reach of children.
- Disconnect the controller from the irrigation system before performing any maintenance or repairs.
- Do not attempt to modify or disassemble the controller. This will void the warranty.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- SOLEM Bluetooth 1-Way 9V Battery-Powered Irrigation Controller
- User Manual (this document)
- *(Battery not included, typically sold separately)*

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment cover on the back of the controller.
2. Unscrew or unclip the cover and remove it.
3. Insert a new 9V alkaline battery, ensuring correct polarity (+/-).
4. Replace the battery compartment cover and secure it tightly to maintain water resistance.



Figure 4.1: Battery installation in the SOLEM controller.

4.2. Connecting to the Irrigation System

1. Identify the solenoid valve you wish to control. The SOLEM controller is designed for a single 9V latching solenoid valve.
2. Connect the two wires from the controller to the two wires of the solenoid valve. Polarity is generally not critical for latching solenoids, but refer to your solenoid's manual if unsure.
3. Ensure all connections are secure and waterproof, especially if installed outdoors.



Figure 4.2: Wiring the controller to a solenoid valve.

4.3. Mobile Application Installation and Pairing

1. Download the "SOLEM Water" application from your device's app store (available for iOS and Android).
2. Enable Bluetooth on your smartphone or tablet.
3. Open the SOLEM Water app. The app will automatically search for nearby SOLEM controllers.
4. Select your controller from the list of discovered devices. The controller's unique ID is usually printed on a label on the device.
5. Follow the on-screen prompts in the app to complete the pairing process.

For detailed app usage, refer to the in-app help or the SOLEM website.

5. OPERATING THE CONTROLLER

5.1. Creating Irrigation Programs

1. Open the SOLEM Water app and connect to your controller.
2. Navigate to the "Programs" or "Schedules" section.
3. Tap to add a new program.
4. Set the start time, duration, and days of the week for the irrigation cycle.
5. Save the program. You can create multiple programs for different needs.

5.2. Manual Operation

You can manually start or stop irrigation directly from the app:

- In the app, go to the "Manual" or "Instant" control section.
- Select the desired duration for manual watering.
- Tap "Start" to begin irrigation immediately or "Stop" to end it.

5.3. Pausing and Disabling Programs

Programs can be temporarily paused or permanently disabled through the app's program management section. This is useful for rain delays or seasonal changes.

6. MAINTENANCE

6.1. Battery Replacement

Replace the 9V alkaline battery annually or when the low battery indicator appears in the SOLEM Water app. Follow the steps in Section 4.1 for battery installation.

6.2. Cleaning

Wipe the exterior of the controller with a damp cloth as needed. Do not use abrasive cleaners or solvents. Ensure the battery compartment seal is free of debris.

6.3. Winterization

In regions with freezing temperatures, it is recommended to remove the controller from the irrigation system and store it indoors during winter months. Remove the battery before storage to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Controller not responding to app.	Bluetooth is off on device; controller out of range; low battery; app not updated.	Ensure Bluetooth is on. Move closer to the controller. Replace battery. Update SOLEM Water app.
No water flow during scheduled irrigation.	Solenoid valve issue; water supply off; low battery; program error.	Check solenoid connections. Verify main water supply. Replace battery. Review irrigation program settings in the app.
Controller appears dead.	Dead battery; incorrect battery installation.	Replace the 9V battery. Check battery polarity.

8. SPECIFICATIONS

- **Model:** Bluetooth 1-Way 9V Battery-Powered Controller
- **Power Source:** 1 x 9V Alkaline Battery (not included)
- **Connectivity:** Bluetooth Low Energy (BLE)
- **Number of Zones:** 1
- **Solenoid Compatibility:** 9V Latching Solenoid
- **Operating Temperature:** 0°C to 60°C (32°F to 140°F)

- **Weight:** 571.53 grams
- **ASIN:** B07RF9Z8B9
- **Country of Origin:** Spain

Note: Specifications are subject to change without notice.

9. WARRANTY AND SUPPORT

SOLEM products are designed for reliability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official SOLEM website. For technical support, troubleshooting assistance, or spare parts inquiries, please contact SOLEM customer service or visit their official website:

- **SOLEM Official Website:** www.solem.fr
- **Customer Support:** Refer to the website for contact details specific to your region.

Information regarding spare parts availability for this specific model is currently unavailable.