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› Solem BL-IS4 Bluetooth Irrigation Programmer User Manual

Solem BL-IS4

Solem BL-IS4 Bluetooth Irrigation Programmer User Manual

Model: BL-IS4 | Brand: Solem

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Solem BL-IS4 Bluetooth Irrigation Programmer. Designed for efficient garden watering, the BL-IS4 allows you to control up to 4 irrigation stations via Bluetooth using a dedicated mobile application. Please read this manual carefully before use to ensure proper functionality and safety.

2. SAFETY INFORMATION

- Always disconnect the power supply before performing any installation, maintenance, or troubleshooting.
- Ensure the device is installed in a location protected from direct water exposure, although it is designed for outdoor use, proper enclosure is recommended for longevity.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Use only the specified 220V power supply. Incorrect voltage can damage the unit and pose a safety risk.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The Solem BL-IS4 is a compact and robust irrigation controller designed for ease of use and reliable performance. It features 4 independent stations, allowing for precise control over different watering zones in your garden.



An image showing the white Solem BL-IS4 Bluetooth Irrigation Programmer. It is a compact, rectangular device with a smooth, off-white casing. The model name 'BL-IS' is subtly embossed on the front, along with the Solem logo. There are connection points visible on the sides.

Key Features:

- 4-station irrigation module for versatile watering control.
- Bluetooth connectivity for convenient programming via smartphone or tablet.
- Powered by a 220V network supply.
- Compact design with dimensions of 11 x 3.6 x 14.5 cm.
- Durable white casing.

4. SETUP

4.1 Mounting the Programmer

1. Choose a suitable location for the programmer. It should be easily accessible, protected from extreme weather conditions, and within range of your irrigation valves.
2. Secure the programmer to a wall or stable surface using appropriate screws (not included) through the designated

mounting holes.

4.2 Electrical Connection

1. Ensure the main power supply is turned OFF before making any electrical connections.
2. Connect the 220V power supply cable to the designated terminals on the BL-IS4 programmer. Refer to the wiring diagram provided with the product packaging for specific terminal identification.
3. Once connections are secure, turn ON the main power supply. The programmer should power on.

4.3 Valve Connection

1. Connect each irrigation valve's common wire to the common terminal on the programmer.
2. Connect each individual valve's control wire to its corresponding station terminal (e.g., Station 1, Station 2, etc.) on the programmer.
3. Ensure all connections are tight and secure to prevent water ingress and ensure proper operation.

4.4 Bluetooth Pairing

1. Download the official Solem app from your device's app store (iOS or Android).
2. Enable Bluetooth on your smartphone or tablet.
3. Open the Solem app and follow the on-screen instructions to discover and pair with your BL-IS4 programmer. The app will guide you through the pairing process.

5. OPERATING

The Solem BL-IS4 is primarily operated through the dedicated Solem mobile application. Once paired, you can access all programming and control features.

5.1 Setting Up Watering Schedules

1. Open the Solem app and select your connected BL-IS4 programmer.
2. Navigate to the 'Programs' or 'Schedules' section.
3. Create new programs by defining:
 - **Start Times:** When watering should begin.
 - **Run Durations:** How long each station should water.
 - **Watering Days:** Which days of the week watering should occur.
 - **Stations:** Which of the 4 stations are included in the program.
4. Save your programs. The programmer will store these schedules and operate automatically.

5.2 Manual Operation

For immediate watering or testing, you can manually operate individual stations:

1. In the Solem app, go to the 'Manual' or 'Quick Run' section.
2. Select the desired station(s) and set a manual run duration.
3. Initiate the manual run. The selected station(s) will water for the specified time, overriding any active programs temporarily.

6. MAINTENANCE

6.1 Cleaning

- Wipe the exterior of the programmer with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as they may damage the casing.

6.2 Inspection

- Periodically check all wiring connections for tightness and signs of corrosion or damage.
- Ensure the programmer's mounting is secure.

6.3 Winterization (for cold climates)

- In regions with freezing temperatures, it is recommended to disconnect the programmer from the power supply and store it indoors during winter months to prevent damage from ice expansion.
- Drain all water from the irrigation system to prevent pipes and valves from freezing.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Programmer does not power on.	No power supply; faulty connection.	Check the 220V power connection and ensure the outlet is live. Verify wiring.
Cannot connect via Bluetooth.	Bluetooth off; device out of range; app issue.	Ensure Bluetooth is enabled on your mobile device. Move closer to the programmer. Restart the Solem app or your mobile device.
Stations not watering.	Incorrect programming; faulty valve; wiring issue.	Verify watering schedules in the app. Check valve wiring and ensure valves are functioning correctly. Test valves manually.
Watering continuously.	Stuck valve; programming error.	Check the valve for debris or damage. Review your watering schedules in the app for any overlapping or excessively long durations.

8. SPECIFICATIONS

Attribute	Detail
Manufacturer	Solem
Model Number	BL-IS4
Dimensions (L x W x H)	11 x 3.6 x 14.5 cm
Weight	400 grams
Color	White
Material	Steel
Power Type	Network Power (220V)
Quantity of Items	1
Included Components	Irrigation programmer
Batteries Included/Required	No

9. WARRANTY AND SUPPORT

Warranty information for the Solem BL-IS4 Bluetooth Irrigation Programmer is typically provided at the time of purchase or within the product packaging. For specific warranty terms and conditions, please refer to the documentation included with your device or contact Solem customer support directly.

For technical assistance, troubleshooting beyond this manual, or spare parts inquiries, please visit the official Solem website or contact their customer service department. Contact details can usually be found on the manufacturer's website or in your product's original documentation.

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