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› SOLEM BL-IP4 9V Battery-Powered Bluetooth Irrigation Programmer User Manual

SOLEM BL-IP4

SOLEM BL-IP4 9V Battery-Powered Bluetooth Irrigation Programmer

User Manual

1. INTRODUCTION

The SOLEM BL-IP4 is a 9V battery-powered irrigation programmer designed for controlling watering systems via Bluetooth. This device offers a reliable and waterproof solution for managing your irrigation needs across all seasons. It allows for convenient programming and control from your smartphone or tablet within a 10-meter Bluetooth range.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Ensure the device is installed in a location protected from direct water spray, although it is designed to be waterproof.
- Use only a 9V alkaline battery. Do not use rechargeable batteries or batteries with different voltage.
- Keep the device out of reach of children.
- Do not attempt to open or repair the device yourself. Contact qualified personnel for service.
- Disconnect the battery before performing any maintenance.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- SOLEM BL-IP4 Irrigation Programmer
- User Manual (this document)

Note: A 9V battery is not included and must be purchased separately.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment on the SOLEM BL-IP4 programmer.
2. Open the battery compartment cover.
3. Insert a new 9V alkaline battery, ensuring correct polarity (+/-).
4. Securely close the battery compartment cover to maintain the device's waterproof seal.

4.2 Physical Installation and Wiring

The BL-IP4 is designed for outdoor use and can be mounted near your irrigation valves. Ensure the wiring connections are secure and protected.



Image: The SOLEM BL-IP4 irrigation programmer showing its compact design and pre-wired connections for easy installation into an existing irrigation system.

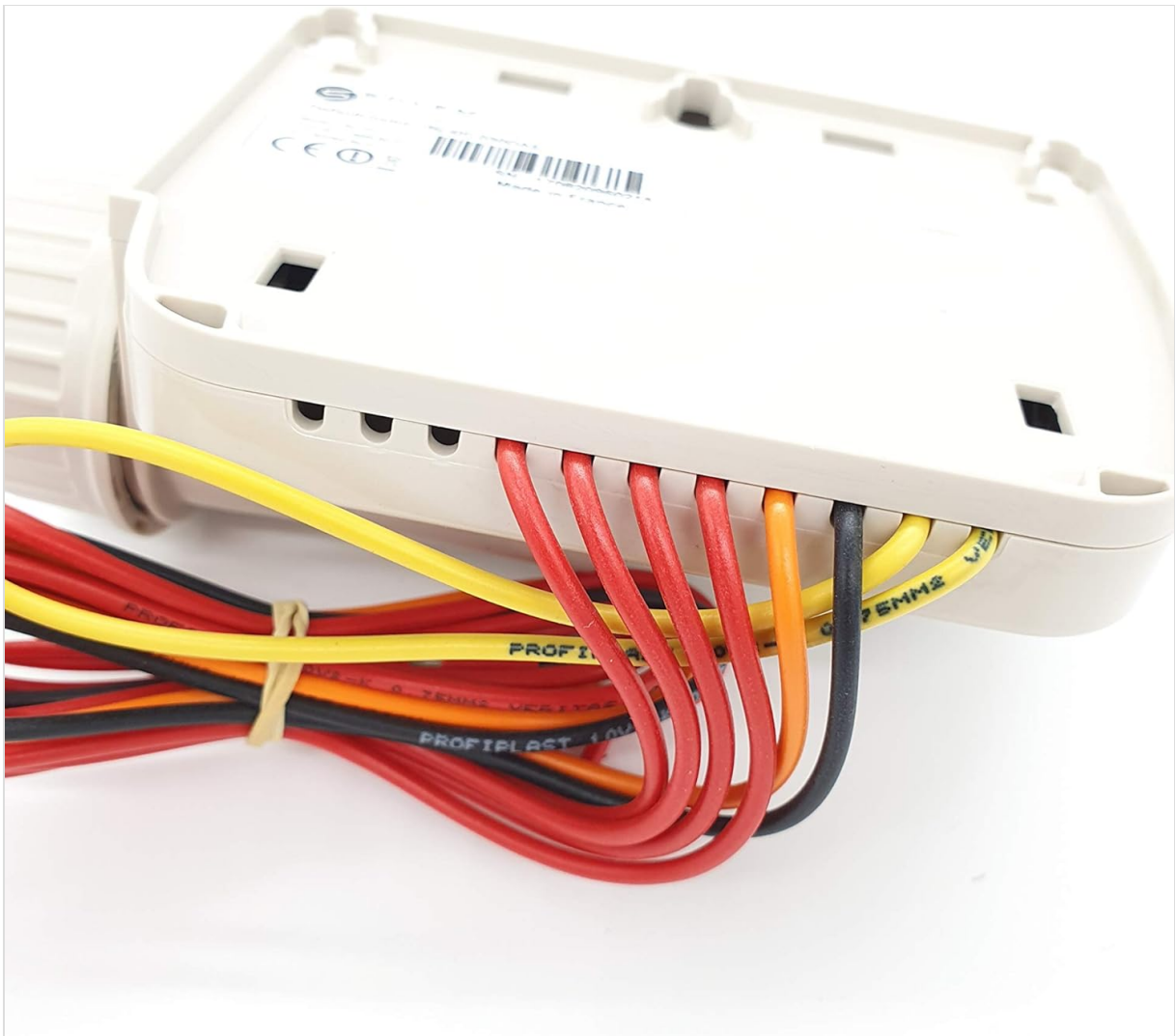


Image: A detailed view of the wiring terminals on the SOLEM BL-IP4, illustrating the color-coded wires for connecting to irrigation valves and a common wire.

4.3 Bluetooth Connection

1. Download the official SOLEM app from your device's app store (iOS or Android).
2. Ensure Bluetooth is enabled on your smartphone or tablet.
3. Open the SOLEM app and follow the on-screen instructions to discover and pair with your BL-IP4 programmer. The device should appear as 'SOLEM BL-IP4' or similar.
4. Maintain a distance of no more than 10 meters between your mobile device and the programmer for stable connection.

5. OPERATING INSTRUCTIONS

Once connected via Bluetooth, all programming and control of the irrigation system are managed through the SOLEM mobile application.

5.1 Basic Programming

1. Open the SOLEM app and select your connected BL-IP4 programmer.
2. Navigate to the 'Programs' or 'Schedules' section within the app.
3. Create a new watering program by setting the start time, duration, and days of the week for each irrigation zone.
4. Save the program. The settings will be transmitted to the BL-IP4 programmer.

5.2 Manual Operation

The app also allows for manual control of your irrigation zones:

- Select the desired zone in the app.
- Choose to start or stop watering manually.
- Set a manual run time if prompted.

6. MAINTENANCE

6.1 Battery Replacement

Replace the 9V battery annually or when the app indicates a low battery level to ensure continuous operation. Follow the battery installation steps in Section 4.1.

6.2 Cleaning

Wipe the exterior of the programmer with a damp cloth as needed. Do not use abrasive cleaners or submerge the device in water.

6.3 Winterization

While the BL-IP4 is designed for all seasons, in regions with freezing temperatures, it is recommended to remove the battery and store the programmer indoors during winter months to prolong its lifespan.

7. TROUBLESHOOTING

- **No Bluetooth Connection:** Ensure the programmer has a fresh 9V battery. Check that Bluetooth is enabled on your mobile device and you are within the 10-meter range. Restart the app or your mobile device.
- **Valves Not Activating:** Verify that the wiring connections to the valves are secure. Check the battery level. Ensure the program is correctly set and saved in the app.
- **Water Leakage:** Inspect all connections for proper sealing. Ensure the battery compartment cover is securely closed.
- **App Issues:** Ensure your SOLEM app is updated to the latest version. Try reinstalling the app if problems persist.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Solem
Model Number	BL-IP4
Dimensions (L x W x H)	14 x 9 x 5.5 cm
Weight	373 grams
Power Source	9 Volts (9V battery, not included)
Connectivity	Bluetooth (up to 10 meters)
Material	Steel (internal components, housing is likely plastic)
Color	White
Waterproof Rating	IP4 (suitable for outdoor use, resistant to splashing water)



Image: A technical data sheet for the SOLEM BL-IP series, detailing installation, functionality, and dimensions.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official SOLEM website. Keep your proof of purchase for warranty claims. For further assistance, you may contact SOLEM customer service through their official channels.

