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› SoulBay Automatic Plant Waterer (Model OD091) Instruction Manual

SoulBay OD091

SoulBay Automatic Plant Waterer (Model OD091) Instruction Manual

Model: OD091 | Brand: SoulBay

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your SoulBay Automatic Plant Waterer. This system is designed to provide consistent, automated watering for up to 15 potted plants, making it ideal for indoor use and ensuring plant care during vacations.

Suitable for 15 Potted Plants



One Charge Last 30 Days Running

Image: The SoulBay Automatic Plant Waterer system in operation, demonstrating its capability to water up to 15 potted plants from a single charge lasting approximately 30 days.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package.

PACKAGE INCLUDED



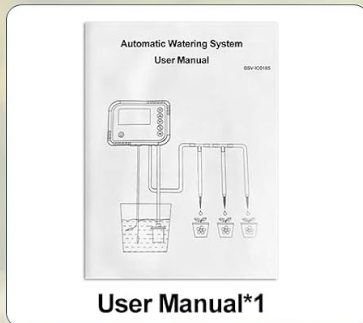
Water Level Sensor x 1



Controller x 1



Water Pipe 50 FT/ 15 M



User Manual*1



USB-C Cable x1



Dripper x15



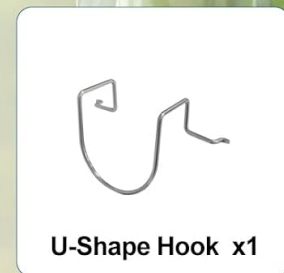
Anti-siphon x1



Filter x 1



3-Way Joint x 15



U-Shape Hook x1

Image: A visual representation of all components included in the SoulBay Automatic Plant Waterer kit. These include the controller, water level sensor, 50 ft (15 m) water pipe, USB-C cable, user manual, 15 drippers, anti-siphon device, filter, 15 3-way joints, and 1 U-shape hook.

- 1 x Controller
- 1 x Water Level Sensor
- 1 x Water Pipe (50 FT / 15 M)
- 1 x USB-C Cable
- 1 x User Manual
- 15 x Drippers
- 1 x Anti-siphon Device
- 1 x Filter
- 15 x 3-Way Joints
- 1 x U-Shape Hook

PRODUCT OVERVIEW

The SoulBay Automatic Plant Waterer consists of a main control unit with an LCD display and various accessories for drip irrigation. Understanding the controller's functions is key to effective operation.

Automatic Watering System Controller



	Definition
①	Long press to turn on/off.
②	Press to switch different setting items
③	Press it to change the setting number
④	During the setting process, short press is the confirmation button; In the working mode, short press to enter the "1st watering time ", short press again to enter the "clock" (timer mode).
⑤	In working mode, short press this button to enter pause mode, the LCD will show "PAUSE", and the currently set watering mode will not take effect in the next round of watering mode. Press this button again to turn off pause mode.

Image: A diagram illustrating the dimensions and button functions of the automatic watering system controller. The controller measures approximately 11cm (4 inches) wide, 9cm (3.5 inches) high, and 5cm (2 inches) deep. Numbered buttons correspond to specific functions.

No.	Function
1	Long press to turn the device on or off.
2	Press to switch between different setting items on the LCD display.
3	Press to change the numerical value for the selected setting.
4	In setting mode, a short press confirms the selection. In working mode, a short press displays the "1st watering time", and another short press displays the "clock" (timer mode).
5	In working mode, a short press enters pause mode (LCD shows "PAUSE", watering stops). Press again to exit pause mode and resume the schedule.

Step 1: Prepare the Water Source

Place a bucket or container of water near your plants. Ensure the container is large enough to hold sufficient water for your desired watering duration and frequency.

Step 2: Connect the Water Level Sensor

Insert the water level sensor into your water source container. Connect the sensor cable to the designated port on the controller.

Step 3: Install the Tubing and Drippers

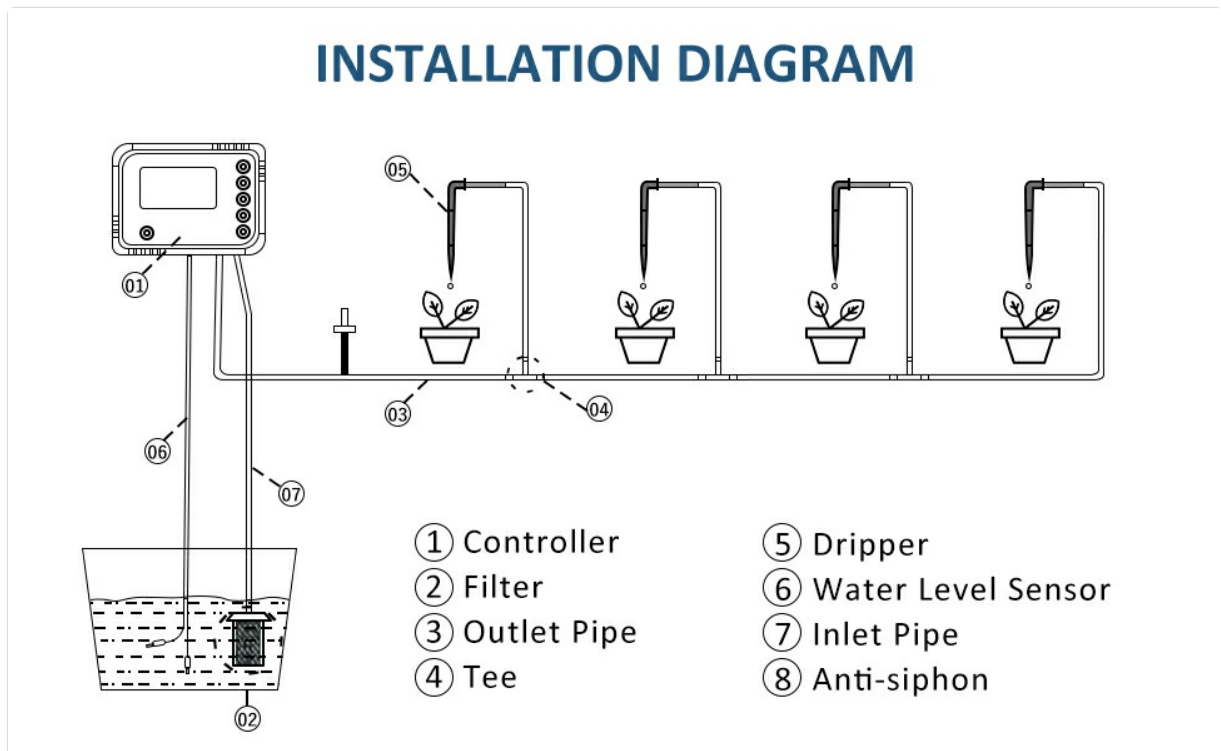


Image: A diagram illustrating the installation of the automatic watering system. It shows the controller (1) connected to a water source via a water level sensor (6) and inlet pipe (7). The controller's outlet pipe (3) branches out using tees (4) to individual drippers (5) placed in potted plants. An anti-siphon device (8) is also shown in the main line.

1. Cut the water pipe to the desired lengths to reach each plant.
2. Use the 3-way joints (tees) to create branches for individual plants.
3. Insert a dripper into the end of each branch and place it into the soil of your potted plant.
4. Ensure the anti-siphon device is installed correctly in the main water line to prevent backflow.

Step 4: Position the Controller

Place the controller in a stable location. It can be hung using the integrated hook design.

Step 5: Initial Charge

Connect the USB-C cable to the controller and a power source to fully charge the internal battery before first use. A full charge typically lasts 30-50 days.

OPERATING INSTRUCTIONS

Power On/Off

Long press button **1** (power button) to turn the device on or off.

Setting Watering Parameters

Use button **2** (M button) to switch between different setting items on the LCD display.

Use button **3** (up/down arrows) to change the numerical values for each setting.

Watering Duration

Set the duration for each watering cycle (e.g., 10 seconds to 30 minutes). This determines how long water is dispensed to the plants during a single cycle.

Watering Frequency

Set the interval between watering cycles (e.g., 1 hour to 15 days). This determines how often the system waters your plants.

Confirmation and Timer Mode

In setting mode, a short press of button **4** acts as a confirmation button. In working mode, a short press of button **4** will display the "1st watering time", and another short press will show the "clock" (timer mode).

Pause Mode

In working mode, short press button **5** to enter pause mode. The LCD will display "PAUSE", and the current watering schedule will be temporarily suspended. Press button **5** again to exit pause mode and resume the schedule.

Water Shortage Protection

Water shortage & Anti-siphon protection



Water Shortage display
" NO Water" and the
buzzr will sound twice
a minute during the day.

Image: An illustration showing the automatic watering system detecting a low water level in the reservoir. The controller displays "NO Water" and emits an audible alert (buzzer sounds twice a minute) to indicate a water shortage. The system is equipped with water shortage protection. If the water level in your reservoir is too low, the LCD will display "NO Water" and the buzzer will sound twice a minute to alert you. Refill the water reservoir promptly.

MAINTENANCE

Filter Cleaning

Regularly check and clean the filter located at the end of the inlet pipe in your water source. This prevents debris from clogging the system and ensures optimal water flow.

Battery Recharging

The internal lithium-ion battery provides 30-50 days of operation on a single charge. Recharge the battery using the provided USB-C cable when the battery indicator on the LCD is low.

Anti-Siphon Device

Ensure the anti-siphon device is clean and functioning correctly. This device prevents water from flowing back into the reservoir from the plant pots, which could contaminate your water source.

TROUBLESHOOTING

Uneven Watering

- Check for kinks or blockages in the tubing.
- Ensure all drippers are securely inserted into the soil and are not clogged.
- Verify that the water source is elevated or the pump is functioning correctly to provide adequate pressure to all drippers.
- Note that plants further from the base unit may receive slightly less water due to pressure drop. Adjust plant placement or watering duration if necessary.

No Water Flow

- Check if the water reservoir is empty.
- Ensure the water level sensor is properly submerged and connected.
- Verify the filter is not clogged.
- Check if the pump is operating (listen for a faint hum). If not, ensure the device is charged and turned on.

"NO Water" Alert

- Refill the water reservoir immediately.
- Check the water level sensor for proper placement and connection.

System Not Turning On

- Ensure the battery is charged. Connect the USB-C cable to charge.
- Long press the power button (button 1) to ensure it's not just in standby.

SPECIFICATIONS

Feature	Detail
Model Name	OD091
Brand	SoulBay
Power Source	Battery Powered
Special Features	Automatic Watering, Digital Timer, Leak Resistant, Programmable, Weather Resistant
Fit Type	Flexible Tubing
Set Capacity	15-plant set
Item Weight	1.61 pounds
Package Dimensions	8.43 x 6.97 x 2.8 inches

Feature	Detail
Batteries	1 Lithium Ion battery (included)
Material	Plastic, Rubber

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SoulBay website or contact their customer service directly. The product typically includes a standard manufacturer's warranty. Please retain your proof of purchase for warranty claims.