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> Srygery Automatic Drip Irrigation Kit User Manual

## Srygery BSV-IC201

# Srygery Automatic Drip Irrigation Kit User Manual

Model: BSV-IC201 | Brand: Srygery

## PRODUCT OVERVIEW

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The Srygery Automatic Drip Irrigation Kit is designed to provide precise and worry-free hydration for your plants, making gardening easier, especially for balconies, patios, and small gardens without direct faucet access. This system automates watering at preset volumes and time intervals.

# SMART AUTOMATIC WATERING SYSTEM

Free your hands and no more dead plants when you come back from vacation



LCD Display



USB Charging



Automatic Timer



Hands-Free



Image: The Srygery Automatic Drip Irrigation System, showcasing its application with several potted plants, highlighting features like LCD Display, USB Charging, Automatic Timer, and Hands-Free operation.

## Key Features:

- **Automatic Watering:** Delivers water at preset volumes and time intervals.
- **LCD Display:** Simplifies setup and programming for user convenience.
- **USB Charging & Backup Battery:** Powered by USB charging with a 2200mAh backup battery, providing up to 90 days of continuous use.
- **Tap-Free Operation:** Draws water directly from containers like buckets, eliminating the need for a tap connection.
- **Customizable Layout:** Includes water tubing, T-Joints, and Drip-Stakes for flexible system configuration.
- **IP65 Waterproof:** Designed to withstand outdoor conditions, providing protection against water splashes.

## SAFETY INFORMATION

For safe operation of your Srygery Automatic Drip Irrigation Kit, please adhere to the following guidelines:

- Ensure proper connection to a stable water source.
- Install the anti-siphon mechanism correctly to prevent backflow and contamination.
- Follow all handling and usage instructions for the rechargeable battery to prevent damage or hazards.
- Keep the device and its components away from extreme temperatures and direct sunlight for prolonged periods.
- Do not submerge the main control unit in water, despite its IP65 rating, as this rating applies to splashes, not submersion.

## PACKAGE CONTENTS

Verify that all components listed below are included in your package:

PACKAGE LIST



			
<b>USB Cable x 1</b>	<b>Dripper x 10</b>	<b>T Barb Fitting x 10</b>	<b>32.8 Feet Water Pipe x 1</b>
			
<b>Filter x 1</b>	<b>Hook x 1</b>	<b>Screw x 2</b>	<b>Anti-siphon Accessories x 1</b>

Image: A visual representation of all items included in the Srygery Automatic Drip Irrigation Kit package, such as the programmer, USB cable, drippers, T-barb fittings, water pipe, filter, hook, screws, and anti-siphon accessories.

Item	Quantity
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Item	Quantity
Programmer (Main Control Unit)	1
USB Cable	1
Anti-Siphon Accessories	1
Water Pipe (32.8 Feet)	1
Dripper	10
T-joints	10
Filter	1
Screw	2
Hook	1
User Manual	1

## SETUP AND INSTALLATION

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Follow these steps to set up your automatic drip irrigation system:

# EASY INSTALLATION



**1** Design your watering path and cut the tubes to the desired length.



**2** Connect the inlet and outlet tubes. Then, install the filter to the inlet tube and put it in the water tank.



**3** Use T-joints to connect more tubes. Next, connect the dripper to the end of the tubes.



**4** Insert the dripper into the soil to start watering the plants

Image: A four-step visual guide demonstrating the installation process, including designing the watering path, connecting tubes and filter, using T-joints, and inserting drippers into soil.

- 1. Design Your Watering Path:** Plan the layout of your tubing to reach all plants. Cut the 32.8 feet water pipe to the desired lengths using scissors. Ensure the path allows for efficient water delivery to each dripper.
- 2. Connect Inlet and Outlet Tubes:** Connect one end of a cut tube to the "IN" port and another to the "OUT" port on the programmer unit. Install the filter onto the end of the inlet tube that will be submerged in your water reservoir (e.g., a bucket). Place the filter end into the water tank.
- 3. Assemble Drippers with T-joints:** Use the T-joints to create branches from the main water pipe. Connect the drippers to the ends of these branches. The system supports watering up to 10 potted plants simultaneously.
- 4. Insert Drippers into Soil:** Carefully insert the drippers into the soil of each potted plant. Ensure they are securely placed near the plant's base for effective watering.
- 5. Install Anti-Siphon Accessory:** Connect the anti-siphon accessory to the system as indicated in the diagram (usually on the outlet line or near the water source) to prevent water backflow.
- 6. Mount the Programmer:** Use the provided hook and screws to mount the programmer unit securely near your

water source and plants.

## Support Watering 10 Potted Plants Simultaneously

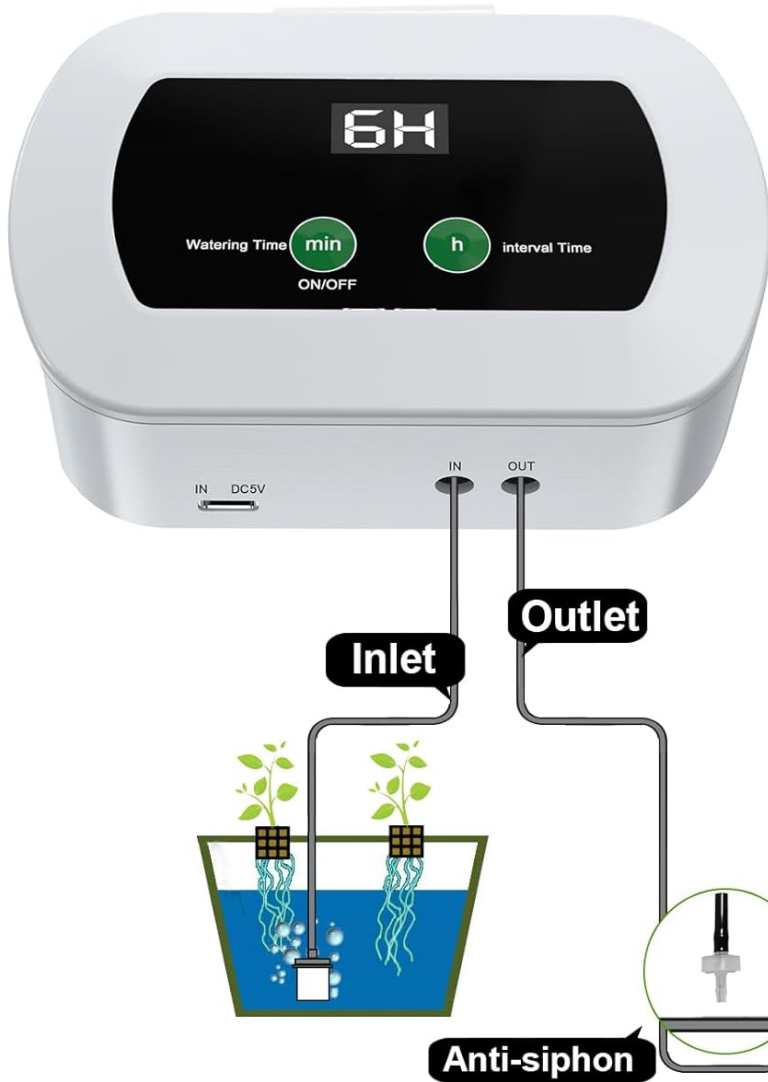


Image: A detailed diagram illustrating how the Srygery system can support watering up to 10 potted plants simultaneously, including the inlet, outlet, and anti-siphon connections.

## OPERATING INSTRUCTIONS

The Srygery Automatic Drip Irrigation Kit features an intuitive LCD display for easy programming.

# EASY TO OPERATE

30 working settings and 10 watering intervals



Image: The control unit's LCD display, illustrating the settings for "Watering Time" (1-30 minutes) and "Interval Time" (3 hours - 7 days), indicating ease of operation.

- 1. Power On/Off:** Press the "ON/OFF" button to turn the unit on or off.
- 2. Set Watering Time:**
  - Press the button labeled "min" (or similar, referring to watering time) to adjust the duration of each watering cycle.
  - The watering time can be set from 1 minute to 30 minutes.
- 3. Set Interval Time:**
  - Press the button labeled "h" (or similar, referring to interval time) to adjust the frequency between watering cycles.
  - The interval can be set from 3 hours to 7 days.
- 4. Charging:** Connect the provided USB cable to the unit's charging port and a standard USB power adapter (not included) to charge the internal 2200mAh battery. A full charge provides up to 90 days of standby time.

# UP TO 90 DAYS STANDBY TIME

Built-in large capacity rechargeable battery



2000mAh



USB  
Charging



2000mAh

90 DAYS



Image: The Srygery Drip Irrigation System unit positioned near potted plants, emphasizing its 2000mAh battery and up to 90 days of standby time, powered by USB charging.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your irrigation system.

- **Cleaning the Filter:** Periodically check and clean the water filter to prevent blockages and ensure consistent water flow. Rinse it under running water to remove any debris.
- **Tubing Inspection:** Inspect the water tubing and drippers regularly for any kinks, blockages, or damage. Clear any obstructions and replace damaged sections as needed.
- **Water Reservoir:** Ensure your water reservoir is clean and free of algae or sediment that could clog the system. Refill as necessary.
- **Battery Care:** If storing the unit for an extended period, ensure the battery is fully charged before storage and recharge it every few months to maintain battery health.
- **Winterization (if applicable):** If using outdoors in freezing climates, drain all water from the system and store

components indoors to prevent damage from ice expansion.

- **General Cleaning:** Wipe the main control unit with a damp cloth to keep it clean. Do not use harsh chemicals or abrasive cleaners.

## IP65 WATERPROOF SYSTEM

No need to worry about the rainy days



Image: The Srygery Drip Irrigation System unit outdoors, with water droplets on its surface, illustrating its IP65 waterproof rating and suitability for various weather conditions.

## TROUBLESHOOTING

If you encounter issues with your Srygery Automatic Drip Irrigation Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No water flow / Weak flow	<ul style="list-style-type: none"> <li>Water reservoir empty</li> <li>Filter clogged</li> <li>Tubing kinked or blocked</li> <li>Drippers clogged</li> <li>Pump malfunction</li> </ul>	<ul style="list-style-type: none"> <li>Refill water reservoir.</li> <li>Clean the filter.</li> <li>Straighten tubing, check for debris.</li> <li>Clean or replace drippers.</li> <li>Contact customer support if pump is faulty.</li> </ul>
System not turning on	<ul style="list-style-type: none"> <li>Battery drained</li> <li>Power button not pressed</li> </ul>	<ul style="list-style-type: none"> <li>Charge the unit via USB.</li> <li>Press and hold the ON/OFF button.</li> </ul>
Incorrect watering schedule	<ul style="list-style-type: none"> <li>Settings not saved</li> <li>Incorrect programming</li> </ul>	<ul style="list-style-type: none"> <li>Re-enter desired watering time and interval.</li> <li>Refer to "Operating Instructions" section.</li> </ul>
Water leakage	<ul style="list-style-type: none"> <li>Loose connections</li> <li>Damaged tubing/drippers</li> </ul>	<ul style="list-style-type: none"> <li>Ensure all connections (T-joints, drippers) are secure.</li> <li>Inspect and replace any damaged components.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Model Number	BSV-IC201
Color	White
Voltage	5V
Battery Capacity	2200mAh (up to 90 days standby)
Watering Time Range	1 - 30 minutes
Interval Time Range	3 Hours - 7 Days
Hose Length	32.8 Feet (10 meters)
Material	Plastic
Product Dimensions (L x W x H)	21.5 x 17.8 x 5.5 cm (approx. 8.46 x 7 x 2.16 inches)
Weight	499 g (approx. 1.15 lb)
Waterproof Rating	IP65

## CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your Srygery Automatic Drip Irrigation Kit, please contact Srygery customer support. Refer to the product packaging or the official Srygery website for the most current contact information.

Please have your model number (BSV-IC201) and purchase details ready when contacting support.

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