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RAINPOINT EU-SD001-M

RAINPOINT Automatic Watering System

Model: EU-SD001-M

Brand: RAINPOINT

INTRODUCTION

Thank you for choosing the RAINPOINT Automatic Watering System. This system is designed to provide effortless and precise watering for your indoor plants, balcony plants, or up to 10 potted plants. With programmable settings and adjustable water flow, it ensures your plants receive the optimal amount of water, saving you time and effort. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to help you get the most out of your new watering system.

WHAT'S IN THE BOX

Please check the contents of your package against the list below:

- 1x RAINPOINT Water Pump
- 1x 10m Hoses
- 10x Micro-Drippers
- 10x Water Flow Control Valves
- 10x T-Connectors
- 3x Straight Connectors
- 3x Cross Connectors
- 3x End Plugs
- 1x Filter
- 1x Check Valve
- 1x USB Charging Cable
- 1x Hook
- 1x User Manual

Tiefentropfbewässerung

Minimiert Wasserverdunstung und Abfall.



Sparen Sie
jeden Tropfen



Image: All components included in the RAINPOINT Automatic Watering System kit, laid out on a wooden table.

SETUP AND INSTALLATION

Follow these steps to set up your RAINPOINT Automatic Watering System. For a visual guide, please refer to the installation video below.

Installation Video Guide

Your browser does not support the video tag.

Video: A comprehensive guide demonstrating the installation process of the RAINPOINT Automatic Drip Irrigation System.

1. Power Supply Connection

Insert 4 AA batteries (not included) into the battery compartment or connect the system using the provided USB cable. For continuous operation, both options can be used simultaneously.

Automatische Bewässerung

Kümmert sich um Ihre Pflanzen, egal wo Sie sind.

**Wie lange**

20s

30min

**Wie oft**

1std

7 Tage

**Verzögerungszeit**

1

24 Stunden

**Manuelle Bewässerung**

20s

30min

Einstellungsbeispiel:
Jetzt: 08:00
Wie lange: 3 Min
Wie oft: Alle 2 Tage
Verzögerungszeit: 0 Stunde

- Tag 1
- Tag 2  08:00/3 Min
- Tag 3
- Tag 4  08:00/3 Min



Image: Demonstrates inserting AA batteries and connecting the USB cable for power.

2. Tube Preparation

Measure and cut the 10-meter hose into appropriate lengths based on the distance between your water source

and each plant, and between plants. Connect the cut hose segments using the straight, T-shaped, and cross connectors as needed to create your desired irrigation layout.



Image: Shows different types of connectors (straight, T-shaped, cross) for flexible tube connections.

3. Micro-Dripper and Flow Valve Assembly

Attach a micro-dripper to the end of each tube segment that will go into a plant pot. Connect a water flow control valve to each micro-dripper. These valves allow you to precisely adjust the water output for individual plants.

Einstellbares Wasser-Volumen

Liefere die richtige Menge Wasser an deine Pflanzen



Image: Illustrates how to adjust the water flow using the blue control valve on the micro-dripper.

4. Filter and Check Valve Installation

Install the filter at the end of the inlet pipe (the pipe drawing water from the reservoir) to prevent impurities from entering the pump. Connect the check valve to the outlet pipe (the pipe leading water out of the pump) to prevent backflow and siphoning, ensuring proper system function.

Manuelle Bewässerung

Bewässern Sie Ihre Pflanzen jederzeit.



Dauer:
20s-30min



Image: Highlights the anti-siphon valve and filter components, crucial for preventing water backflow and ensuring clean water delivery.

5. Pump Placement

Place the water pump unit with its inlet pipe and filter into your water reservoir (e.g., a bucket or container filled with water). Use the integrated hook to secure the pump unit to the edge of the reservoir.



Image: The main unit of the RAINPOINT watering system attached to a water reservoir, with tubes leading to potted plants.

OPERATING INSTRUCTIONS

Automatic Watering Program

The system allows you to set a watering frequency and duration. Use the buttons on the unit to navigate the menu and adjust settings.

- **Watering Duration:** Set how long the pump runs for each watering cycle (20 seconds to 30 minutes).
- **Watering Frequency:** Set how often the system waters (every 1 hour to 7 days).
- **Delay Time:** You can set a delay (1 to 24 hours) to postpone watering, useful for rainy days to avoid overwatering.

Bis zu 10 Töpfe bewässern

Tropf Wasser bis zu 24 L/H. Pflanzen in der Höhe können auch Wasser erhalten.

Durchflußmenge:

24L/H



Pumpenhöhe:

3m



Image: The display of the watering system showing programming options for watering duration and frequency.

Manual Watering

To water your plants immediately without interrupting the set program, press and hold the "OK" button. The system will water for a duration between 20 seconds and 30 minutes, depending on your manual setting.

Keine Sorge wegen des Siphon-Effekts und Wasseraustritt



Image: A hand pressing the "OK" button on the watering system to initiate manual watering.

Adjusting Water Flow for Individual Plants

Each micro-dripper is equipped with a flow control valve. Rotate this valve to precisely adjust the water volume delivered to each plant, catering to different plant types and sizes.

Einstellbares Wasser-Volumen

Liefere die richtige Menge Wasser an deine Pflanzen



Image: Close-up of the blue water flow control valve, demonstrating how to adjust water output for individual plants.

MAINTENANCE

- **Filter Cleaning:** Regularly check and clean the water filter to prevent blockages and ensure optimal pump performance. A clogged filter can reduce water flow or damage the pump.
- **Battery Replacement:** If using batteries, replace them when the low battery indicator appears on the display. Ensure to use 4 new AA batteries.
- **Tube Inspection:** Periodically inspect the hoses and connections for any leaks or damage. Ensure all

connections are secure to prevent water loss.

- **Winter Storage:** If using outdoors, drain all water from the system and store it in a dry, frost-free location during winter months to prevent damage.

TROUBLESHOOTING

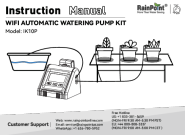
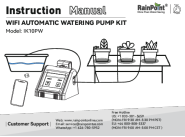

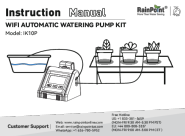

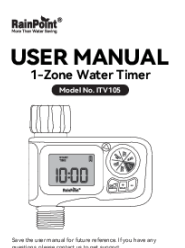
Problem	Possible Cause	Solution
No water flow or weak flow	Clogged filter; Low water level in reservoir; Kinked or blocked hose; Low battery.	Clean the filter; Refill water reservoir; Check hoses for kinks or blockages; Replace batteries or connect USB power.
Water leakage at connections	Hoses not fully inserted into connectors; Damaged connectors or hoses.	Ensure hoses are firmly pushed into connectors (try soaking hose ends in warm water for easier insertion); Replace any damaged components.
System not responding to button presses	Low battery; System malfunction.	Replace batteries or connect USB power; If problem persists, contact customer support.
Pump runs but no water is delivered	Air in the system; Inlet pipe not fully submerged; Check valve installed incorrectly.	Ensure inlet pipe is fully submerged; Prime the pump by running it manually until water flows; Verify check valve orientation.

SPECIFICATIONS

- **Model:** EU-SD001-M
- **Material:** Plastic
- **Dimensions (L x W x H):** 21 x 14 x 10 cm
- **Item Weight:** 690 g
- **Max. Water Flow:** 24 L/h
- **Max. Pump Height:** 3m
- **Power Supply:** 4x AA Batteries (not included) or USB 5V/1A
- **Operating Temperature:** 0-50°C
- **Max. Water Pressure:** 0.3 Bar

WARRANTY AND SUPPORT

RAINPOINT offers a 45-day money-back guarantee and a 36-month replacement offer for this product. If you encounter any issues or have questions, please contact RAINPOINT customer support for assistance. For further information or support, please visit the official RAINPOINT store on Amazon:[RAINPOINT Store](#)

 <p>Instruction Manual RainPoint® WiFi AUTOMATIC WATERING PUMP KIT Model: IK10P</p> <p>Customer Support: Email: info@rainpointinc.com, Web: www.rainpointinc.com, WhatsApp: +1 800 152 0876 (US, IN), +1 800 858 5127 (UK)</p>	<p>RainPoint IK10P WiFi Automatic Watering Pump Kit User Manual</p> <p>User manual for the RainPoint IK10P WiFi Automatic Watering Pump Kit, detailing product features, installation, operation, troubleshooting, and warranty. This smart watering system helps automate plant care.</p>
 <p>Instruction Manual RainPoint® WiFi AUTOMATIC WATERING PUMP KIT Model: IK10PW</p> <p>Customer Support: Email: info@rainpointinc.com, Web: www.rainpointinc.com, WhatsApp: +1 800 152 0876 (US, IN), +1 800 858 5127 (UK)</p>	<p>RainPoint IK10PW WiFi Automatic Watering Pump Kit User Manual</p> <p>Comprehensive guide to the RainPoint IK10PW WiFi Automatic Watering Pump Kit, covering setup, installation, app usage, troubleshooting, and warranty for smart indoor plant watering.</p>
 <p>USER MANUAL RainPoint® DIGITAL PUMP TIMER KIT Model No. ITP106</p> <p>Customer Support: Email: info@rainpointinc.com, Web: www.rainpointinc.com, WhatsApp: +1 800 152 0876 (US, IN), +1 800 858 5127 (UK)</p>	<p>RainPoint ITP106 Digital Pump Timer Kit User Manual</p> <p>User manual for the RainPoint ITP106 Digital Pump Timer Kit, providing comprehensive instructions on setup, operation, troubleshooting, and warranty information for automatic garden watering systems.</p>
 <p>Instruction Manual RainPoint® WiFi AUTOMATIC WATERING PUMP KIT Model: IK10P</p> <p>Customer Support: Email: info@rainpointinc.com, Web: www.rainpointinc.com, WhatsApp: +1 800 152 0876 (US, IN), +1 800 858 5127 (UK)</p>	<p>RainPoint IK10P WiFi Automatic Watering Pump Kit - Instruction Manual</p> <p>Comprehensive instruction manual for the RainPoint IK10P WiFi Automatic Watering Pump Kit. Learn about product overview, package contents, technical specifications, installation, operation, troubleshooting, and warranty.</p>
 <p>USER MANUAL RainPoint® Rainpoint Outdoor Solar Irrigation System Model No. IK15P-DLS</p>	<p>RainPoint Outdoor Solar Irrigation System User Manual IK15P-DLS</p> <p>Comprehensive user manual for the RainPoint Outdoor Solar Irrigation System, Model IK15P-DLS. Provides detailed instructions on setup, operation, functions, specifications, troubleshooting, and warranty information for efficient garden watering.</p>
 <p>USER MANUAL RainPoint® 1-Zone Water Timer Model No. ITV105</p> <p>Save the user manual for future reference. If you have any questions please contact us to get support.</p>	<p>RainPoint 1-Zone Water Timer User Manual (Model ITV105)</p> <p>Comprehensive user manual for the RainPoint ITV105 1-Zone Water Timer, detailing installation, programming, additional functions like Rain Delay and Manual Watering, troubleshooting, precautions, and warranty information.</p>