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> beday Solar Automatic Drip Irrigation System Instruction Manual for Model 7c855cf2-9dac-4e62-a118-a0ad2f3391ea

**beday 7c855cf2-9dac-4e62-a118-a0ad2f3391ea**

# beday Solar Automatic Drip Irrigation System Instruction Manual

Model: 7c855cf2-9dac-4e62-a118-a0ad2f3391ea

## INTRODUCTION

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The beday Solar Automatic Drip Irrigation System provides an effortless and efficient solution for watering up to 15 potted plants. Designed for both indoor and outdoor use, this system features dual solar and USB charging capabilities, ensuring continuous operation regardless of weather conditions. Customize watering schedules based on plant needs, soil humidity, or manual demand, promoting healthier plant growth while conserving water. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to help you maximize the benefits of your irrigation system.

## PACKAGE CONTENTS

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Upon unpacking your beday Solar Automatic Drip Irrigation System, please ensure all the following components are present:

- 1x Watering System (Main Unit)
- 1x 50ft Tube
- 1x Solar Panel
- 1x USB Charging Cable
- 15x T-Joints
- 15x Watering Spikes (Droppers)
- 1x Filter
- 1x Anti-Siphon Component
- 1x Soil Moisture Sensor (Probe Needle)
- 1x Hook (for mounting)
- 1x User Manual

# CONSTANT ENERGY SUPPORT

The solar panel will continuously collect the sun energy and convert it into electricity as long as there is sunlight, and store it in the main machine of waterer, you needn't worry about the battery power.



Image: All components of the beday Solar Automatic Drip Irrigation System laid out for inspection.

## SETUP AND INSTALLATION

The beday Solar Automatic Drip Irrigation System is designed for quick and easy setup without special tools. Follow these steps for optimal performance:

1. **Prepare Tubing:** Cut the 50ft tube into appropriate lengths based on the distance between your water source, the main unit, and each plant.
2. **Connect Watering Spikes:** Attach the T-joints to the main tube and then connect individual watering spikes to the T-joints. Insert the watering spikes into the soil near each plant.
3. **Install Anti-Siphon Component:** Connect the anti-siphon part to the outlet pipe side of the main unit. Ensure the anti-siphon part is positioned above the water level in your reservoir to prevent backflow and over-watering.
4. **Connect Filter:** Attach the filter to the end of the tube that will be submerged in your water reservoir. Place the filter end into your water source (e.g., a bucket or container).
5. **Install Solar Panel:** Install the solar panel in a location that receives ample direct sunlight. It can be staked into the ground or mounted. Connect the solar panel cable to the main watering system unit.

6. **Connect Soil Moisture Sensor (Optional for Humidity Mode):** If using Humidity Mode, connect the soil moisture sensor to the main unit and insert the probe into the soil of a representative plant.



Image: Visual guide demonstrating the installation process of the drip irrigation system.

## Video Guide: Easy Installation

Your browser does not support the video tag.

Video: A seller-provided video demonstrating the easy installation process of the beday solar drip irrigation system.

## OPERATING INSTRUCTIONS

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The beday system offers three flexible watering modes:

- **Timing Mode:** Set specific watering durations and intervals.
- **Humidity Mode:** Automatic watering based on soil moisture levels detected by the sensor.
- **Manual Mode:** Initiate immediate watering for a set duration.

### Setting Watering Schedules (Timing Mode)

Use the control panel to set your desired watering schedule:

1. **Set Current Time:** Adjust the clock on the main unit to the current time.
2. **First Watering Time:** Program the time for the first watering session.
3. **Watering Duration:** Select how long each watering session should last (e.g., 10 seconds to 30 minutes).
4. **Watering Interval:** Choose how often the system should water (e.g., every 1 hour to every 7 days).
5. **Activate:** Turn the system ON to begin automatic operation according to your settings.

# EASY TO READ AND SET



- ① Mode Display (Timing / Humidity / Manual)
- ② Current Battery Capacity
- ③ The keys to increase or decrease the numbers
- ④ The knob to switch ON/HOW OFTEN/HOW LONG/START TIME/SET CLOCK/OFF
- ⑤ The key to switch Humidity mode and Timing Mode
- ⑥ The key to confirm previous setting.
- ⑦ The key to switch Timing mode and Manual mode.

- ⑧ Current Time
- ⑨ Watering Time Each Time
- ⑩ Estimated Time to Start Watering
- ⑪ Interval Time Between Each Watering
- ⑫ Solar Panel Connection Cable
- ⑬ Probe Pin Connection Cable
- ⑭ Inlet
- ⑮ Outlet



Image: The control panel of the beday system, highlighting its easy-to-read display and intuitive controls.

**3**

The duration of each watering session

**4**

Watering occurs every few days/hours

**5**

Begin automatic operation

Image: Detailed steps for setting the Timing Mode, illustrating options for watering duration and frequency.

## MAINTENANCE

To ensure the longevity and optimal performance of your beday irrigation system, regular maintenance is

recommended:

- **Water Reservoir:** Regularly check and refill your water reservoir to prevent the pump from running dry.
- **Filter Cleaning:** Periodically inspect and clean the filter to prevent clogs and ensure consistent water flow.
- **Anti-Siphon Check:** Verify that the anti-siphon component remains above the water level in the container to prevent siphoning and potential over-watering.
- **Solar Panel:** Keep the solar panel clean and free from debris to ensure efficient charging.

## TROUBLESHOOTING

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If you encounter issues with your beday Solar Automatic Drip Irrigation System, consider the following:

- **No Water Flow:**
  - Check if the water reservoir is empty.
  - Ensure the filter is not clogged.
  - Verify all tube connections are secure.
  - Confirm the anti-siphon part is correctly installed and not causing a blockage.
- **Over-watering/Flooding:**
  - Ensure the anti-siphon part is above the water level in the container to prevent continuous siphoning.
  - Adjust the watering duration and interval settings to reduce water output.
- **Pump Not Working:**
  - Check battery level on the main unit.
  - Ensure the solar panel is receiving adequate sunlight or charge via USB.
  - Verify all power connections are secure.
- **Inaccurate Humidity Readings (Humidity Mode):**
  - Ensure the soil moisture sensor probe is fully inserted into the soil and making good contact.
  - Clean the sensor probes if they appear dirty.

## PRODUCT SPECIFICATIONS

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| Feature      | Detail                               |
|--------------|--------------------------------------|
| Brand        | beday                                |
| Model Number | 7c855cf2-9dac-4e62-a118-a0ad2f3391ea |
| Material     | Plastic                              |
| Item Weight  | 1.01 Kilograms                       |
| Power Source | Solar Powered, USB Charging          |
| Hose Length  | 50 Feet                              |

|                  |  |
|------------------|--|
| Number of Pieces | 11 (main components)   |
| Special Features | Automatic Watering, Built-in Li-ion Battery, Digital Timer, Programmable |
| Control Type     | Programmable   |

## WARRANTY AND SUPPORT

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For any questions, concerns, or assistance with your beday Solar Automatic Drip Irrigation System, please refer to the contact information provided in your user manual or reach out to beday customer support. We are always here to help ensure your satisfaction and the healthy growth of your plants.