

## Yardeen Y21025A

# Yardeen Electronic Hose Sprinkler Water Timer

Model: Y21025A

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## 1. PRODUCT OVERVIEW

The Yardeen Electronic Hose Sprinkler Water Timer is designed to automate your garden watering schedule, providing efficient irrigation for various applications such as gravity drip irrigation, lawn sprinklers, and greenhouse mist systems. This timer operates without requiring high water pressure, making it suitable for use with rain barrels.

Key features include:

- **Multi-Functional Scheduling:** Adjust watering duration from 1 minute to 120 minutes.
- **Flexible Intervals:** Set irrigation frequency from as short as 1 hour to as long as 7 days.
- **Low Water Pressure Compatibility:** Functions effectively with water pressure ranging from 0 to 8 bar, ideal for rain barrel systems.
- **Easy Installation:** Connects directly to any standard 3/4-inch garden outdoor hose.
- **Safety Features:** The valve automatically closes when battery power is low. Water and electrical circuits are completely separated for enhanced safety.
- **Integrated Filter:** A stainless steel high-density filter at the water inlet prevents impurities from affecting the timer's internal mechanism.

## 2. PACKAGE CONTENTS

- 1 x Yardeen Electronic Hose Sprinkler Water Timer (Model: Y21025A)
- 1 x User Manual

## 3. SETUP AND INSTALLATION

### 3.1 Battery Installation

The timer requires 2 AAA 1.5V alkaline batteries (not included). The battery compartment is located behind the front panel.

1. Gently press the two blue buttons on the bottom of the front panel to release and open the battery

cover.

2. Insert two AAA 1.5V alkaline batteries, ensuring correct polarity.
3. Close the battery cover securely. Ensure the lid is tightened to prevent water from entering the battery compartment.

## Guide To Use Ball Valve Water Timer



Press the buttons and open the battery cover



Please use the 2XAAA 1.5V Alkaline battery



Tighten the lid to prevent water from entering



Manual ON



Manual OFF



Automatic  
(Frequency and Run time)

Figure 1: Opening the battery compartment and inserting batteries.

Video 1: Demonstrates how to install batteries and securely tighten the lid to prevent water ingress.

### 3.2 Connecting to Faucet and Hose

Attach the timer to any standard 3/4-inch outdoor garden faucet. Then, connect your garden hose or irrigation system to the timer's outlet.



Figure 2: Water timer connected to a faucet and hose.

#### 4. OPERATING INSTRUCTIONS

The timer features two main dials for setting the watering schedule: 'FREQUENCY' and 'RUN TIME'.

# A Reliable Supporter to Your Garden



Figure 3: Frequency and Run Time dials for setting the watering schedule.

## 4.1 Setting Automatic Watering Schedule

1. **Set Run Time:** Turn the 'RUN TIME' dial to select the desired watering duration (from 1 minute to 120 minutes).
2. **Set Frequency:** Turn the 'FREQUENCY' dial to select how often the watering cycle should repeat (from 1 hour to 7 days).

Once both dials are set, the timer will initiate the first watering cycle after the set frequency interval has elapsed. For example, if you set 'RUN TIME' to 3 minutes and 'FREQUENCY' to 4 hours, the timer will water for 3 minutes, then wait 4 hours before watering again for 3 minutes, and so on.

Video 2: A guide demonstrating how to set up a watering program using the frequency and run time dials.

## 4.2 Manual ON/OFF Function

To manually turn the water on or off, turn the 'RUN TIME' dial to the 'ON' position for continuous watering or 'OFF' to stop watering immediately. This overrides any set automatic schedule until the dial is returned to a timed setting.

Video 3: Illustrates the manual ON/OFF function of the water timer.

## 5. MAINTENANCE

### 5.1 Battery Replacement

When the batteries are low, the valve will automatically close to prevent continuous watering. Replace the batteries as described in Section 3.1. The battery life is approximately 6 months with 2 AAA 1.5V alkaline batteries.

### 5.2 Cleaning the Filter

The water inlet contains a stainless steel high-density filter. Periodically check and clean this filter to prevent blockages from impurities in the water, ensuring optimal performance and longevity of the timer.

### 5.3 Winterization

Before the first frost, disconnect the water timer from the faucet and hose. Remove the batteries. Store the timer indoors in a dry, frost-free location to prevent damage from freezing water.

## 6. TROUBLESHOOTING

- **Timer not watering:** Check battery level and replace if necessary. Ensure the 'RUN TIME' dial is not set to 'OFF'. Verify water supply to the faucet.
- **Water leaking from connections:** Ensure all connections are hand-tightened. Check for damaged washers or O-rings and replace if needed.
- **Inconsistent watering:** Verify that the 'FREQUENCY' and 'RUN TIME' dials are set correctly. Clean the inlet filter for any debris.

## 7. SPECIFICATIONS

Specification	Detail
Brand	Yardeen
Model Number	Y21025A
Material	Plastic
Color	Blue
Product Dimensions	5.4"D x 4.3"W x 3.8"H
Item Weight	331 Grams
Watering Duration	1 minute to 120 minutes
Watering Frequency	1 hour to 7 days
Working Water Pressure	0 - 8 bar
Power Source	2 x AAA 1.5V Alkaline batteries (excluded)

## 8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Yardeen customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

