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## RAINPOINT ITV517P

# RAINPOINT Sprinkler Timer Instruction Manual

Model: ITV517P  
Brand: RAINPOINT

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your RAINPOINT Sprinkler Timer. Designed for garden, lawn, and yard watering, this timer offers 3 independent programs, rain delay, and manual watering options to ensure efficient and precise irrigation.



Figure 1: RAINPOINT Sprinkler Timer (Plastic Model)

The timer features an easy-to-read LCD display and intuitive controls, making it simple to customize your watering schedule to meet the specific needs of your plants and landscape.

## 2. SETUP

## 2.1. Battery Installation

The timer requires two (2) AAA alkaline batteries (not included). To install:

1. Locate the battery compartment on the back of the timer.
2. Slide open the battery cover.
3. Insert the two AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover firmly. **Ensure the battery cover is sealed and installed firmly to maintain the timer's performance and waterproof rating.**

## 2.2. Physical Installation

To install the timer to your faucet:

1. For optimal leak prevention, wrap Teflon tape around the faucet's threaded opening a few times.
2. Screw the RAINPOINT Sprinkler Timer onto the faucet. Ensure it is installed vertically for proper operation.
3. Connect your garden hose to the bottom outlet of the timer.

# FROM COMPLICATED TO SIMPLE

Easy programming watering plans without tools



Figure 2: Timer controls and display

## 2.3. Initial Activation

For first-time use, the valve needs to be manually activated to ensure proper function. Rotate the dial to the "ON" position. Then, long press the "OK" button for 3-5 seconds to manually activate the valve. Water should flow from the timer. Once confirmed, long press "OK" again to turn off the flow.

Video 1: RAINPOINT Water timer with 3 programs. This video demonstrates battery installation, physical setup, and initial valve activation (0:00 - 0:54).

## 3. OPERATING INSTRUCTIONS

### 3.1. Setting Current Time

Before programming watering schedules, set the current time and day:

1. Rotate the dial to "SET CLOCK".
2. Long press the "OK" button to switch between 12-hour and 24-hour time formats.
3. Use the "+" and "-" buttons to select the current day of the week. Press "OK" to confirm.
4. The display will automatically move to the hour setting. Use "+" and "-" to adjust the hour. Press "OK" to confirm.
5. Adjust the minutes similarly using "+" and "-", then press "OK" to confirm.



Figure 3: Customizing your garden plan with start time, duration, and frequency.

### 3.2. Programming Watering Plans (P1, P2, P3)

The timer allows for three independent watering programs (P1, P2, P3). Rotate the dial to select the

desired plan (Plan 1, Plan 2, or Plan 3) to begin programming.

### 3.2.1. Set Start Time

1. With the dial on your chosen plan (e.g., Plan 1), the display will show "Start Time".
2. Use "+" and "-" buttons to set the desired hour for the watering to begin. Press "OK" to confirm.
3. Adjust the minutes similarly using "+" and "-", then press "OK" to confirm.

### 3.2.2. Set How Long (Watering Duration)

1. Press the "MENU" button to navigate to the "How Long" setting.
2. Use "+" and "-" buttons to set the watering duration. The duration can be set from 1 minute up to 3 hours and 59 minutes. Press "OK" to confirm.

### 3.2.3. Set How Often (Watering Frequency)

Press the "MENU" button again to navigate to the "How Often" setting. There are three frequency modes:

- **Every X Hours:** Use "+" and "-" to select 6, 8, or 12 hours. This means the timer will water every 6, 8, or 12 hours from the start time. Press "OK" to confirm.
- **Every X Days:** Press "MENU" to switch to this mode. Use "+" and "-" to select a frequency from 1 to 7 days. For example, "Every 2 Days" means it waters every other day. Press "OK" to confirm.
- **Specific Days of the Week:** Press "MENU" to switch to this mode. Use "+" and "-" to toggle specific days (Sunday, Monday, Tuesday, etc.) on or off. Press "OK" to confirm your selection for each day.

# 3 SEPARATE WATERING SCHEDULES

Set up 3 independent plans for precise watering



Figure 4: Three independent watering schedules (Plan 1, Plan 2, Plan 3).

# TAILOR YOUR GARDEN'S NEEDS

Adjust frequency for optimal growth



**Every Hours**

Every **6/8/12** Hours



**Every Days**

Every **1-7** days



**Weekly Mode**

Sun / Mon / Tue / Wed  
Thu / Fri / Sat



Figure 5: Tailor your garden's needs with hourly, daily, or weekly watering modes.

### 3.2.4. Cancelling a Program

To cancel a specific program (P1, P2, or P3), rotate the dial to that plan's setting. Navigate to the "How Long" setting using the "MENU" button. Use the "-" button to decrease the duration until the display shows "0H 0M". This will disable the program.

### 3.3. Starting Automatic Watering

After setting up your desired watering plans, rotate the dial to the "ON" position. The timer will display the current time and the start time of the next scheduled watering. The timer will now automatically execute the programmed schedules.

### 3.4. Manual Watering Mode

For immediate, on-demand watering, you can use the manual mode:

1. With the dial in any position (except "OFF"), long press the "OK" button for 3-5 seconds. The display will show "M" for manual mode.
2. Use the "+" and "-" buttons to adjust the manual watering duration, from 1 minute up to 8 hours.
3. The watering will begin immediately for the set duration.
4. To cancel manual mode at any time, long press the "OK" button for 3-5 seconds. The timer will return to its automatic schedule mode.



Figure 6: Manual watering mode allows on-demand irrigation for up to 8 hours.

### 3.5. Rain Delay Mode

To conserve water during rainy periods, use the rain delay function:

1. With the dial in any position (except "OFF"), long press the "DELAY" button for 3-5 seconds.
2. Use the "+" and "-" buttons to select a delay period of 24, 48, or 72 hours. Press "OK" to confirm.

3. The timer will pause all programmed watering schedules for the selected delay period and automatically resume once the delay ends.
4. To cancel the rain delay at any time, long press the "DELAY" button for 3-5 seconds. The timer will resume its automatic schedule.



# TURN RAIN INTO RESOURCE

When it rains, we can turn on rain delay to save water

24  
HOUR

48  
HOUR

72  
HOUR

Figure 7: Rain delay options to conserve water during wet weather.

## 4. MAINTENANCE

- Regularly check the battery level on the LCD display. Replace batteries when the low battery indicator appears.
- Ensure the battery compartment is always securely sealed to prevent water ingress.

- Clean the filter washer at the inlet periodically to prevent debris from clogging the timer.
- During freezing temperatures, remove the timer from the faucet and store it indoors to prevent damage.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No water flow	Low battery; Faucet off; Clogged filter; Timer not activated.	Replace batteries; Turn on faucet; Clean filter; Perform initial activation (Section 2.3).
Timer not starting program	Dial not on "ON"; Incorrect program settings; Rain delay active.	Rotate dial to "ON"; Verify program settings (Section 3.2); Cancel rain delay (Section 3.5).
Display is blank or dim	Dead batteries.	Replace batteries (Section 2.1).
Water leaking from connections	Loose connection; Missing/worn washer; Insufficient Teflon tape.	Tighten connections; Check/replace washers; Apply more Teflon tape.

For further assistance, refer to the official product video for visual guidance on setup and programming.

Video 2: RAINPOINT Water timer with 3 programs. This video provides a comprehensive guide to programming and troubleshooting (0:54 - end).

## 6. SPECIFICATIONS

- **Brand:** RAINPOINT
- **Model:** ITV517P
- **Material:** Plastic
- **Product Dimensions:** 4.51"D x 6.68"W x 3.54"H
- **Item Weight:** 0.82 Pounds (13.1 ounces)
- **Number of Settings:** 3 Independent Programs
- **Screen Size:** 1.5 Inches
- **Waterproof Rating:** IP54



Figure 8: Product dimensions for the RAINPOINT Sprinkler Timer.

## 7. WARRANTY AND SUPPORT

RAINPOINT offers a 5-year warranty for this sprinkler timer upon registration. For detailed warranty information, product support, or to register your product, please refer to the product packaging or visit the official RAINPOINT website.

For additional resources and frequently asked questions, you may also visit the RAINPOINT Store on Amazon: [RAINPOINT Store](#)

