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Cryfokt SGW07M Sprinkler Timer User Manual

Model: SGW07M

INTRODUCTION

Thank you for choosing the Cryfokt SGW07M Sprinkler Timer. This programmable water timer is designed to simplify your irrigation process, ensuring your plants receive optimal watering with its dual outlets and versatile modes. Its robust IPX5 rain-proof design makes it suitable for various outdoor environments.

PRODUCT FEATURES

- **Double Outlet Automation:** Two independent zones, each supporting up to three customizable watering programs for tailored irrigation.
- **3 Versatile Watering Modes:** Offers Rain Delay, Manual, and Auto modes for flexible watering control.
- **IPX5 Rain Proof:** Durable design with O-rings and PTFE tape to prevent leaks and withstand outdoor conditions (7.25-116 psi, 40.10F-1130F).
- **User Friendly LCD Display:** Clear LED display and intuitive buttons for easy program setting. Powered by two AA batteries (not included) with low battery alert.
- **Versatile Applications:** Suitable for patio lawn drip irrigation, garden hose watering, lawn sprinklers, greenhouse misting systems, pet watering, and pool filling.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Irrigation Timer
- 2 x Adapters
- 2 x Tapes (PTFE thread seal tape)
- 1 x User Manual



Image: Cryfokt Sprinkler Timer with its accessories, including two adapters, two rolls of PTFE thread seal tape, and a black sealing O-ring, laid out next to the main unit.

SPECIFICATIONS

Specification	Value
Model	SGW07M

Specification	Value
Material	ABS
Working Pressure	0.5-8 Bar (7.25psi-116psi)
Hose Connector	1 Inch Internal Thread
Outlet	1 Inch External Thread
Working Temperature	4.50C-450C (40.10F-1130F)
Battery	2 x AA Batteries (Not Included)
Rain Proof Rating	IPX5
Rain Delay Time	1-15 Days
Product Dimensions	5.51 x 5.12 x 2.76 inches
Item Weight	1.06 pounds (481 Grams)

Setup

1. Battery Installation

1. Locate the battery compartment on the back of the timer.
2. Open the compartment cover.
3. Insert two AA batteries (not included), ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

2. Connecting the Timer

The timer features a 1-inch internal thread hose connector at the top and two 1-inch external thread outlets at the bottom.

1. **Prepare Connections:** To ensure optimal performance and prevent leaks, it is strongly recommended to use the included thread seal tape (PTFE tape) in addition to the sealing O-ring when connecting the sprinkler timer to your water hose. Wrap the tape clockwise around the threads of your faucet or hose connector.
2. **Connect to Faucet:** Screw the top connector of the timer onto your outdoor faucet or garden hose. Hand-tighten until secure.
3. **Connect Hoses:** Attach your garden hoses or irrigation lines to the two independent outlets at the bottom of the timer. Ensure these connections are also tight to prevent leaks.



Image: Front and back views of the Cryfokt Sprinkler Timer, highlighting the LCD display and control buttons on the front, and the battery compartment and product specifications on the rear.

OPERATING MODES

The Cryfokt Sprinkler Timer offers three distinct watering modes to suit your needs:



Image: The LCD display of the Cryfokt Sprinkler Timer, showing various settings such as current time, start time, watering duration, and frequency. Control buttons for navigation and mode selection are visible on the right.

1. Auto Mode (Programmed Watering)

This mode ensures your plants receive water at scheduled times automatically.

1. Press the **MODE** button until "Auto" is selected on the LCD.
2. Use the intuitive buttons to set the watering start time, duration (How Long), and frequency (How Often).
3. The timer will activate the valves according to your programmed schedule.

2. Manual Mode (Instant Watering)

Allows for immediate watering without affecting your programmed schedule.

1. Press the **Manual** button.

2. Select the desired watering duration for the manual cycle.
3. Press **OK** to start manual watering.
4. To stop manual watering, press **ESC/OFF**.

3. Rain Delay Mode

Temporarily suspends watering during rainy weather to prevent overwatering and conserve water.

1. Press the **Delay** button.
2. Select the desired delay period (1-15 days).
3. Press **OK** to confirm. The timer will pause its schedule for the selected duration and resume automatically afterward.

MAINTENANCE

- **Battery Replacement:** When the low battery indicator appears on the LCD, replace the two AA batteries promptly. The valve will automatically shut off to prevent leaks when the battery is low.
- **Cleaning:** Periodically clean the exterior of the timer with a soft, damp cloth. Do not use abrasive cleaners or submerge the unit in water.
- **Winter Storage:** Before freezing temperatures, disconnect the timer from the faucet and hoses. Drain any remaining water from the unit and store it indoors in a dry, frost-free location.
- **Check for Leaks:** Regularly inspect all connections for leaks. Re-tighten connections or reapply PTFE tape if necessary.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Water leaking from connections	• Connections are not tight enough. Hand-tighten all connections securely. • Insufficient thread seal. Ensure PTFE tape is applied correctly and sufficiently to all threaded connections. • Missing or damaged O-ring/washer. Check that the sealing O-ring is properly seated and not damaged. Replace if necessary.
Timer not watering as scheduled	• Batteries are low or dead. Replace with fresh AA batteries. • Timer is in Rain Delay or Manual mode. Ensure the timer is set to Auto mode. • Water pressure is too low or too high. Ensure water pressure is within 7.25-116 psi. • Incorrect program settings. Double-check start time, duration, and frequency settings.
LCD display is blank or dim	• Batteries are dead or incorrectly installed. Replace batteries and check polarity. • Unit exposed to extreme temperatures outside operating range. Move to a suitable environment.
Watering continues indefinitely in Manual mode	Press the ESC/OFF button to stop manual watering.

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the documentation included with your product packaging or visit the official Cryfokt website. Keep your purchase receipt as proof of purchase.