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› [BN-LINK](#) /

› BN-LINK Sprinkler Timer Outdoor - 2 Zone Programmable Water Timer with Rain Delay, Automatic Irrigation System for Lawns & Garden Hoses - Waterproof Manual Controller with Large LCD Display 2 Outlet

BN-LINK CP-W03

BN-LINK Sprinkler Timer Outdoor - 2 Zone Manual

Model: CP-W03

Brand: BN-LINK

1. INTRODUCTION

The BN-LINK Sprinkler Timer Outdoor is designed to automate your lawn and garden irrigation, offering convenience and water-saving features. This manual provides comprehensive instructions for setting up, operating, and maintaining your 2-zone programmable water timer.



Figure 1: BN-LINK 2-Zone Sprinkler Timer, front view showing the large LCD display and control dial.

2. SETUP AND INSTALLATION

2.1 Battery Installation

The timer requires 2 AA batteries for operation. These batteries are typically included with your purchase.

1. Locate the battery compartment on the back of the timer.
2. Open the battery cover.
3. Insert 2 AA batteries, ensuring correct polarity (+/-).
4. Securely close the battery cover to maintain the waterproof seal.

Battery Powered & Low Power Warning



Figure 2: Rear view of the timer showing the battery compartment and overall dimensions.

2.2 Attaching to Faucet

The timer is compatible with standard 3/4-inch hose threads.

1. Ensure the faucet is turned off.
2. Inspect the timer's inlet for the included washer. If missing, insert a new washer to prevent leaks.
3. For optimal seal, apply a small amount of Teflon tape (often included) to the faucet threads before attaching the timer.
4. Screw the timer onto your outdoor faucet by hand until snug. Do not overtighten.
5. Attach your garden hoses or irrigation lines to the two outlets at the bottom of the timer.



Figure 3: Timer installed on an outdoor faucet, demonstrating hose connections.

2.3 Setting Current Time

Before programming, set the current time on the timer.

1. Turn the control dial to "SET CLOCK".
2. Use the "+" and "-" buttons to adjust the current time. The timer supports both 12-hour and 24-hour formats.
3. Press "OK" to confirm the time and move to the next setting.

3. OPERATING INSTRUCTIONS

The BN-LINK Sprinkler Timer features dual-zone independent programming, allowing you to customize watering schedules for two separate areas.

3.1 Programming Automatic Watering (Per Zone)

Each zone (Zone 1 and Zone 2) can be programmed independently.

1. Turn the control dial to "START TIME". Use the "ZONE" button to select either Zone 1 or Zone 2. Adjust the desired start time using "+" and "-" buttons, then press "OK".
2. Turn the control dial to "HOW LONG". Select the zone and set the watering duration from 1 minute to 11 hours 59 minutes using "+" and "-" buttons. Press "OK".
3. Turn the control dial to "HOW OFTEN". Select the zone and set the watering frequency from every 1 to 12 hours, or 1 to 7 days. Press "OK".
4. Once programming is complete, turn the control dial to "ON" to activate the schedule.

TIMED WATERING

2 AUTO CYCLE MODES

- **START TIME**
12-hour OR 24-hour
- **HOW LONG**
1min-11h59min
- **HOW OFTEN**
Every 1 h- 12h
OR
Every 1day- 7days



Figure 4: Display illustrating options for setting start time, duration, and frequency.

2 SEPARATE PROGRAMMABLE ZONES

After the battery is powered off, all settings are saved when powered on (except Delay and Manual)

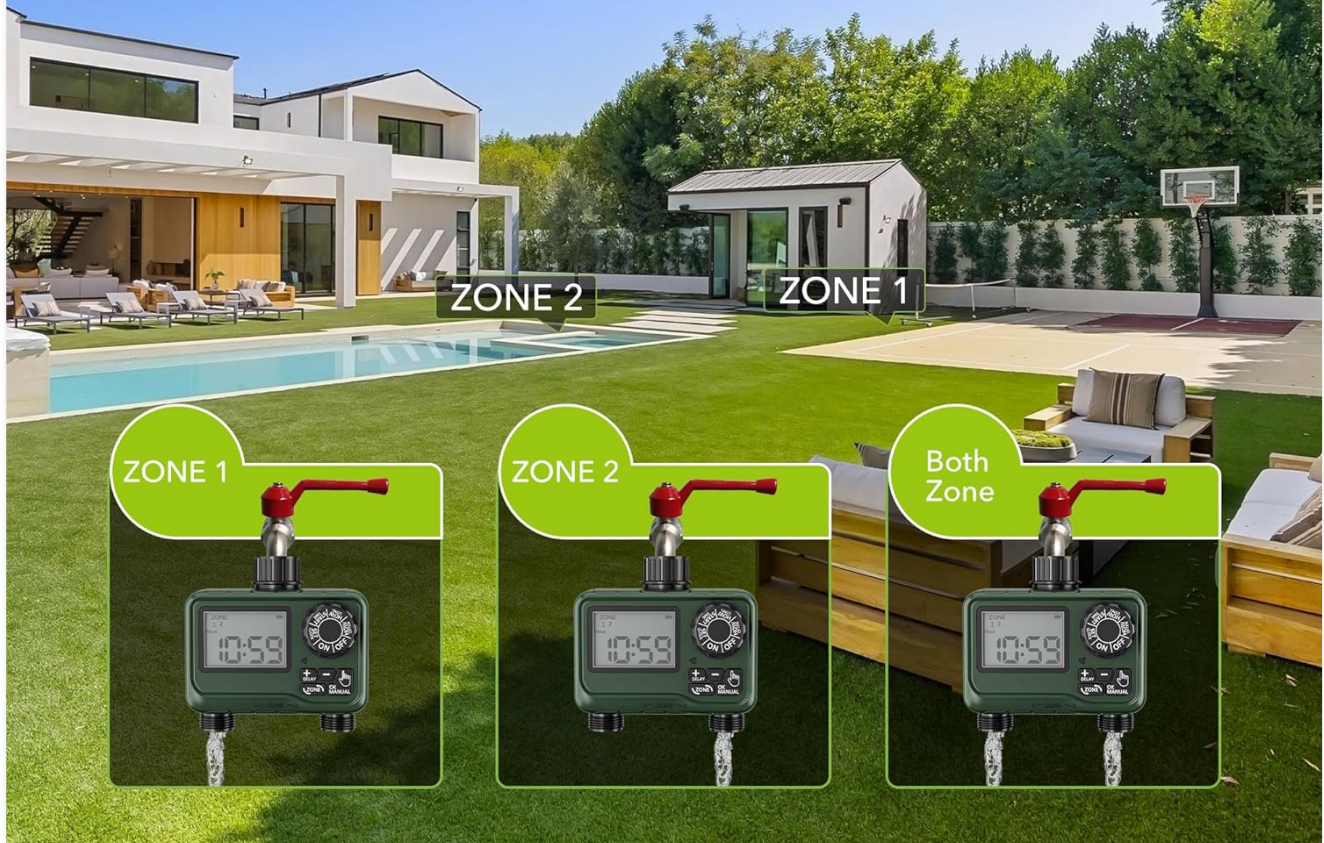



Figure 5: Visual representation of independent programming for Zone 1 and Zone 2.

2 AUTO CYCLE MODES

Hour

Cycle Mode

How long  1 min 11h59min

how often  1 min 12 hours

Day

Cycle Mode

How long  1 min 11h59min

how often  1 min 7days



Figure 6: Detailed view of Hour Cycle Mode and Day Cycle Mode programming options.

3.2 Rain Delay Function

The rain delay function helps conserve water by pausing scheduled watering during rainy conditions.

1. Turn the control dial to "ON".
2. Press and hold the "DELAY" button for 3-5 seconds. The display will show "24H".
3. Use the "+" or "-" buttons to adjust the delay duration (e.g., 24, 48, or 72 hours).
4. Press "OK" to confirm the delay. The timer will automatically resume its schedule after the set delay period.
5. To cancel the rain delay manually, press and hold the "DELAY" button again for 3-5 seconds.

CONSERVE WATER DURING RAIN

Independently set the Delay duration of Zone 1/2
Activate rain delay mode to Save Water



Figure 7: Timer display indicating the rain delay feature and duration options.

3.3 Manual Watering

For immediate watering outside of the programmed schedule:

1. Turn the control dial to "ON".
2. Press the "MANUAL" button.
3. Use the "+" and "-" buttons to set the desired manual watering duration.
4. Press "OK" to start manual watering.
5. To stop manual watering, press "MANUAL" again or turn the dial to "OFF".

4. MAINTENANCE

4.1 General Care

The timer is designed with an IP54 waterproof rating, anti-UV coating, and anti-rust material for durability in outdoor conditions.

- Regularly check the timer for any debris or mineral buildup around the connections and clean as needed.
- Ensure the battery compartment remains sealed to prevent water ingress.
- During freezing temperatures, remove the timer from the faucet and store it indoors to prevent damage from ice expansion.



Figure 8: Illustration of the timer's robust construction for outdoor use.

4.2 Low Battery Warning

The large LCD display includes a battery indicator. When the battery level is low, replace the AA batteries promptly to ensure continuous operation and prevent program loss.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water leaking from connections.	Missing or worn washer; improper tightening; damaged threads.	Ensure washers are properly seated. Hand-tighten connections firmly. Apply Teflon tape to faucet threads. Replace damaged components.
Display is blank or unreadable.	Low or dead batteries; battery compartment not sealed.	Replace batteries. Ensure battery cover is securely closed.
Timer not watering as scheduled.	Dial is set to "OFF"; incorrect programming; low water pressure; rain delay active.	Turn dial to "ON". Recheck programming for start time, duration, and frequency. Ensure water pressure is within 7-116 PSI. Check if rain delay is active and cancel if necessary.
Water flow is weak.	Low water pressure; clogged filter.	Check household water pressure. Clean the filter screen located at the timer's inlet.

6. SPECIFICATIONS

Brand: BN-LINK

Model Number: CP-W03

Color: Black

Product Dimensions: 1.9"D x 2.6"W x 4.3"H

Item Weight: 13.4 ounces

Number of Settings: 5 (Set Clock, Start Time, How Long, How Often, ON/OFF)

Water Pressure Range: 0.5bar to 8bar (7-116PSI)

Hose Thread Compatibility: 3/4-inch

Power Source: 2 AA batteries (included)

Waterproof Rating: IP54

Features: Dual-Zone Independent Programming, Rain Delay Function, Large LCD Display, Anti-UV Coating, Anti-Rust Material

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This product typically comes with a 30-day return/replacement policy from the date of purchase. Please refer to your purchase receipt or retailer's policy for specific warranty terms and conditions.

7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact BN-LINK customer support through their official website or the contact information provided with your product packaging. You can also visit the [BN-LINK Store on Amazon](#) for more information.