

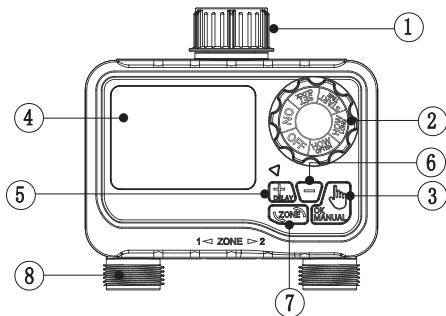


Dual-Zone Water Timer

ENERGY
SAVING

Please keep this handbook

A. PRODUCT VIEW



- 1. HOSE TAP CONNECTION:** Connect to your garden hose for water supply.
- 2. DIAL:** Rotate the dial to customize your watering schedule.
- 3. OK/MANUAL BUTTON:** Press **OK** to confirm the set time. When the dial is turned to "ON", press and hold **MANUAL** to manually start watering.
- 4. BIG LCD SCREEN:** Displays time and other settings. Provides clear visibility of the schedule and adjustments.
- 5. + /DELAY BUTTON:** Use the + button to adjust watering time. When the dial is turned to "ON", press and hold **DELAY** to activate the **Rain Delay** function.
- 6. - BUTTON:** Press - to adjust the time (decrease the watering duration).
- 7. ZONE BUTTON:** Press the ZONE button to switch between ZONE 1 and ZONE 2
- 8. OUTLET:** The output where the hose or sprinkler system connects for watering.

B. PRODUCT MODE

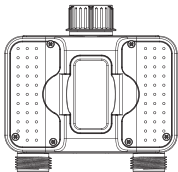


DIAL POSITION	FUNCTION
SET CLOCK	Set the current time (Press the "+" or "-" button to select between the 12-hour or 24-hour clock format)
START TIME	Select what time you would like to start watering
HOW LONG	Determine how long to water (water duration)
HOW OFTEN	Choose how often you will water (water frequency)
ON	Timer runs according to your customized schedule
OFF	Turn off all watering

C. PRODUCT SPECIFICATION

Working Water Pressure	0.5bar-8bar (7.25 psi-116.03 psi)
Max Flow Rate	10 Gal/Min (35L/Min)
Waterproof Level	IP54
Working Temperature	37.4°F-122°F (3°C-50°C)
Watering Frequency	Every 1-12 hours or every 1-7 days
Watering Duration	From 1 minute to 11 hours 59 minutes
Water Inlet	NH (US) for 3/4" taps BSP(EU) for 3/4" or 1" taps
Water Outlet	For 3/4" standard garden hose
Power By	2 AAA (1.5V) alkaline batteries

D. BATTERY INSTALLATION

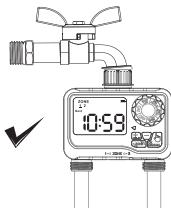


- 1) Remove the battery compartment cover on the back of the timer.
- 2) Insert 2 new AAA (1.5V) alkaline batteries .
- 3) Put the battery compartment cover back on the timer and press firmly to make sure it is completely sealed.

⚠ Note:

- Install the battery tray cover securely after installing the battery to ensure waterproofing.
- When the timer is not used for a long time, please remove the batteries and dispose of them properly.
- Replace batteries when the low battery indicator  appears on display.
- Don't dispose of batteries in fire. Batteries may explode or leak.
- To ensure a longer lifespan, please use 2 new AAA alkaline batteries . Don't mix new and old alkaline, standard (carbon-zinc), or rechargeable batteries.

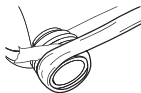
E. INSTALLING THE TIMER



- 1) Turn off the garden faucet.
- 2) Wrap Teflon Tape around the faucet threads.
- 3) Screw the timer to the garden faucet and make the display as vertical as possible to the ground to prevent rainwater from accumulating and leaking into the interior.
- 4) Wrap Teflon Tape around the threads of the timer outlet.
- 5) Screw the garden hose to the timer outlet.
- 6) Turn on the faucet after programming the timer.



Tips: If the connection between the timer and the faucet or hose is not tight or leaking, wrap more Teflon Tape(thread seal tape) to make them tight.



Note:

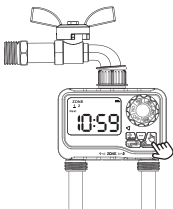
- ⊗ Please do not use tools, only install the timer by hand.
- ⊗ When expecting freezing temperatures, timers should be removed from the hose faucet and stored indoors to avoid potential freeze damage.
- ▲ Please install the filter properly and keep it clean as follows.



F. ACTIVATE THE TIMER BEFORE USE

- ⚠** Please activate the device before using it for the first time or after a period of inactivity.

Activation steps:



1. Keep the garden faucet turned off.
2. Turn the timer dial to "ON".
3. Press and hold the "MANUAL" button for 3-5s to enter Manual Watering Mode.
4. When the screen flashes, press the "OK" button to run manual watering.
5. After hearing the "click" sound or waiting for about 5 secs, the valve in the timer is opened, then turn the dial to "OFF" to close the valve.
6. Repeat step 2 - 5 for 3-5 times.
7. Test: Turn on the faucet a little bit, and then repeat step 2-5 to check if the water flow out or shut off as expected.

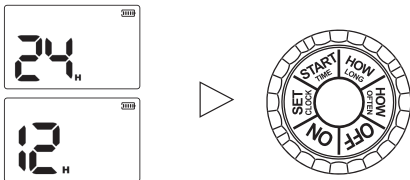
If yes, the timer valve is functioning properly, you can proceed with normal use.

If not, please repeat the steps above a few times or contact the BNLINK support team for assistance.

Note: When testing, please keep away from the water timer outlet to avoid being splashed and wet.

G. PROGRAMMING YOUR TIMER

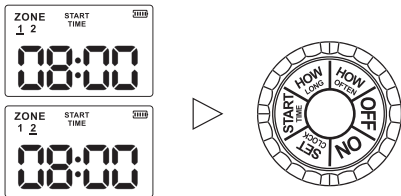
STEP 1: SET CLOCK-SET CURRENT TIME



- 1) Turn the dial to **SET CLOCK**.
- 2) Use "+" or "-" button to select 24-hour or 12-hour format and press "OK" button to confirm.
- 3) Use the "OK" button to confirm and switch between hours or minutes.
- 4) Turn the dial clockwise to "ON" to save the changes in this STEP and go to next STEP.
- 5) The 24-hour system setting range is 0-23, and the 12-hour system setting range is 1-12; The minute setting range is 0-59.
- 6) Long press the "+" or "-" keys to quickly accumulate or subtract.
- 7) If the settings are incorrect, press OK to return to the 24H/12H screen.

Tips: When the setup of this STEP is finished, please turn the dial to save the changes instead of press the "OK" button. If you press the "OK" button after setting, it will return to the previous setting instead of saving it.

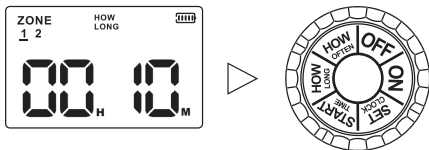
STEP 2: START TIME-SET WATERING START TIME



- 1) Turn dial to "START TIME", the product screen will first flicker to show the hour of ZONE 1.
- 2) Use the "+" and "-" buttons, to set the hour you want to start watering, long press the "+" or "-" keys to quickly increase or decrease.
- 3) Use the "OK" button to confirm and switch to minutes of ZONE1, long press the "+" or "-" keys to quickly increase or decrease.
- 4) ZONE 1 START TIME is set. Press OK button to correct the hour if needed.
- 5) Press the ZONE button to switch to ZONE 2. Then follow the same steps for the time settings as before.

Tips: When the setup of this STEP is finished, please turn the dial to save the changes instead of press the "OK" button. If you press the "OK" button after setting, it will return to the previous setting instead of saving it.

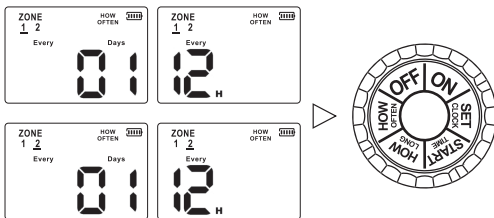
STEP 3: HOW LONG-SET WATERING TIME



- 1) Turn dial to "How Long", the display will first flash the watering hours for ZONE
- 2) Use the "+" and "-" button to adjust the desired hour (00–11 loop); hold "+" and "-" buttons to speed up.
- 3) Use the "OK" button to confirm and switch to minutes of ZONE1, long press the "+" or "-" keys to quickly increase or decrease.
- 4) ZONE 1 START TIME is set. Press OK button to correct the hour if needed.
- 5) Press the ZONE button to switch to ZONE 2. Then follow the same steps for the time settings as before.

Tips: When the setup of this STEP is finished, please turn the dial to save the changes instead of press the "OK" button. If you press the "OK" button after setting, it will return to the previous setting instead of saving it.

STEP 4: HOW OFTEN-SET WATERING INTERVALS

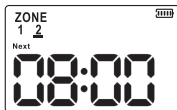


- 1) Turn the dial to "HOW OFTEN", the display will first flash the watering intervals for ZONE 1.
- 2) Use the "+" and "-" buttons to set how often you want the watering to occur. Long-pressing the buttons will change the value more quickly.
You can choose a frequency from every 1 to 12 hours, or every 1 to 7 days.
- 3) ZONE1 HOW OFTEN is set. Press the ZONE button to switch to ZONE 2. The display will first flash the watering intervals for ZONE 2.
- 4) Follow the same steps for the watering intervals settings as before.
- 5) Turn the dial clockwise to save your settings and move to the next step.

Tips: When the setup of this STEP is finished, please turn the dial to save the changes instead of press the "OK" button. If you press the "OK" button after setting, it will return to the previous setting instead of saving it.

STEP 5: AUTOMATIC WATERING-NORMAL OPERATING MODE

- 1) Turn the dial to "ON" to enter automatic mode; both zones will operate based on their set schedules.
- 2) When the current time reaches a zone's START TIME, the valve opens, waters for the duration set in HOW LONG, then closes and updates the NEXT START TIME according to HOW OFTEN.
- 3) During watering, the screen shows a watering icon and the remaining time for the active zone, switching between ZONE 1 and ZONE 2 every 3 seconds; if not watering, it displays the zone's NEXT START TIME.



- 4) Turning the dial from ON stops watering immediately and closes the valves, even during a cycle.

Example Display:

Set Clock: 12:00 PM

Start Time: 8:00 AM

How Often: 1 Hour

Duration: 1 Minute



Start Time

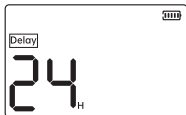


Next Watering Start Time

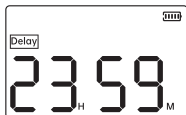
In normal mode, the solenoid valve will open for one minute at 8:00 AM the next day and will follow the cycle, opening for one minute every hour (9:00 AM, 10:00 AM, etc.).

H. ADDITIONAL FUNCTIONS

RAIN DELAY



Setting rain delay 24/48/72H



Performing rain delay

Rain delay allows you to postpone watering for a set period without affecting your original schedule. Follow the steps below to activate or cancel the rain delay:

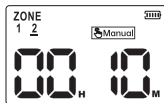
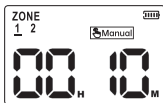
- 1) With the dial set to **"ON"**, press and hold the **"DELAY"** button for 3–5 seconds to activate the rain delay mode.
- 2) Use the "+" or "-" buttons to adjust the delay to **24H**, **48H**, or **72H**.
- 3) Press **"OK"** to confirm your selection. All scheduled watering will be skipped during the selected delay period.
- 4) Press the ZONE button to toggle between selecting ZONE 1 and 2, ZONE 1 only, or ZONE 2 only.
- 5) Turning the dial during DELAY cancels the delay mode immediately.

Note: Please remember to press the "OK" button after selecting the rain delay time to start the rain delay program. Otherwise, the rain delay setting will automatically exit after the screen flashes for 3–5s.

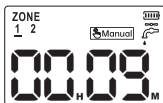
MANUAL / HAND WATERING

This feature allows you to manually water your garden without affecting your preset watering schedule. Follow the steps below to use manual watering:

- 1) Turn the dial to "ON".
- 2) Press and hold the "MANUAL" button for 3–5 seconds to enter Manual Watering Mode.
- 3) Use the "+" or "-" buttons to set the desired manual watering time (from 1 minute to 8 hours). (Default time is 10 minutes.)
- 4) Check the ZONE code again. You can select by pressing the ZONE button: ZONE 1, ZONE 2, or ZONE 1,2 in a loop.



- 5) Press the "OK" button to start manual watering. The watering pattern will be shown on the screen.



- 6) To stop manual watering:
Press and hold the **"MANUAL"** button again for 3–5 seconds to exit Manual Watering Mode and return to the original schedule. Or, turn the dial to **"OFF"** to stop watering.
(Make sure to turn it back to **"ON"** afterward to resume the original watering schedule.)

Tip: Long-press the "+" or "-" buttons to quickly increase or decrease the watering time.

OFF MODE



- 1) If you wish to stop the watering plan for an extended period, turn the dial to "OFF". (Your settings are saved)
- 2) The timer will not water automatically while in OFF mode. (The screen will display the word OFF in large letters).
- 3) To start watering automatically again, turn the dial back to "ON" to resume your programmed watering schedule.

BATTERY STATUS

Battery Status will be displayed as following:



Full



Low Power

Note: When the low battery indicator  appears on display. The valve will close automatically to avoid leakage. Please replace the battery in time in case of interrupting the normal operation.

I. WARNINGS

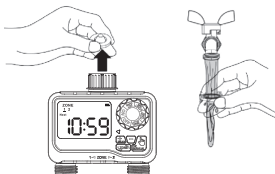
- 1) For outdoor use only. Placing the timer in the sheltered outdoors will prolong its lifetime.
- 2) To avoid damage, please tighten it without using tools.
- 3) The filter should be placed horizontally in the water inlet to prevent leakage.
- 4) When low power, please replace the batteries to avoid the interruption of normal operation; when replacing the batteries, please make sure that the battery tray is dry.
- 5) When the timer is not in use, please remove the batteries and store it indoors.
- 6) Don't use the timer under the temperature more than 120°F(50°C), or less than 38°F(3°C).
- 7) Don't subject the product to extreme force and shock.
- 8) Severe electrical shock could result if water is sprayed into outlets or sources of electrical current. Never immerse the product in water.

J. CLEANING YOUR TIMER

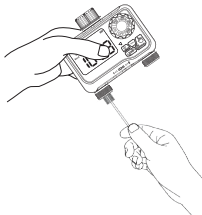
After a period of use, impurities or dirt in the water may accumulate in the timer. Therefore, the timer should be cleaned regularly to ensure its proper operation.

Please follow these steps to clean the timer.

1. Turn off the garden faucet and remove the timer. Check whether the filter at the timer water inlet has accumulated impurities.
2. If the filter is dirty, please take it out of the timer and rinse it with running water.



3. Turn on the Manual Watering Mode of the timer to open the valve and check whether the water pipe of the timer is blocked. If it is blocked, please clean it gently with a small cleaning brush.



K. TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
The water inlet leakage	1. No filter or not be placed horizontally 2. The faucet is not the standard 3/4"	1. Add a filter and make sure it's placed horizontally in the inlet. 2. Make sure the faucet is a standard 3/4" faucet. 3. Wrap Teflon tape on the tap making it tight.
The water won't stop/flow out	1. Long time in storage and transportation make the valve inactive 2. Valve blockage	1. Keep the tap turned off and turn the timer dial to ON; 2. Run the manual watering for 5-7s and stop it; 3. Repeat the Step 2 for 3 to 5 times; 4. Try using it normally.
No response for manual/rain delay function	1. After setting manual watering or rain delay time, without pressing OK button to save and run.	1. Press OK button again after the time is set to confirm.
Short battery life	1. Mixed use of old and new batteries 2. Use the carbon batteries or rechargeable batteries	1. Use new alkaline batteries. 2. Rechargeable batteries and carbon batteries have a short life, use the alkaline batteries instead of them.

Low water pressure	1. Filter blockage 2. Inlet pressure not sufficient to support watering needs	1. Check if the filter is clogged, if so, clean or replace the filter. 2. Make sure the timer is installed properly and not cross-threaded. 3. Installation of a booster pump or other auxiliary equipment of increasing pressure.
LCD screen does not display	1. The battery is exhausted 2. The display is exposed to direct sunlight	1. Replace new 2*AAA alkaline batteries and installed correctly. 2. Avoid direct sunlight, and observe if the battery is too low.

If you need help in using the timer, please feel free to contact us.

Ergo I&E CO., LTD

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