

HydroSure™

IRRIGATION SYSTEMS THAT WORK

Dual Outlet Water Tap Timer with Digital Display

www.hydrosure.com

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COMPONENTS INCLUDED



x1

1. BATTERY COMPARTMENT

Slide out the battery compartment (1), and insert 2x (LR6/AA) 1.5V alkaline batteries.

- Use only fresh alkaline batteries at the beginning of the season.
- Do not use rechargeable batteries.
- When batteries inserted, LCD display will show clock time.
- Turn Dial to OFF position before connecting to tap.

2. 3/4" TAP ADAPTOR

3. 1" TAP CONNECTOR

For 1" Taps: Remove the 3/4" tap adaptor (2) and attach the 1" tap connector (3) directly to the tap.

DO NOT use spanners or pliers to avoid damage to the timer.

4. FILTER

Traps dirt particles and prolong life of timer. **Clean filter regularly.**

5. LCD DISPLAY

When LCD display "Low Battery" sign flashes, remove the battery compartment and wait for 60 seconds until screen clears before inserting new batteries.

6. DIAL 7. DIAL POSITION INDICATOR ▶

8. (+) BUTTON 9. (-) BUTTON

Press and hold for quick change.

10. (OK) BUTTON

To confirm the settings.

11. (L/R) BUTTON

When the Dial is at START TIME/HOW LONG/HOW OFTEN position, or when Set to ECO and manual watering, **press button to choose Left or Right valve.**

12. (ECO) BUTTON

With dial in RUN position, press the ECO button to split watering duration into smaller watering cycles, with soak time in between.

13. (MAN) BUTTON (ON/OFF)

When the dial is in RUN position, press manual on/off button to set manual watering from 0-240 minutes.

14. RESET

Reset timer to factory default settings.

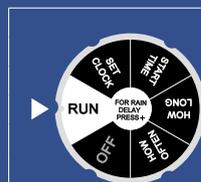
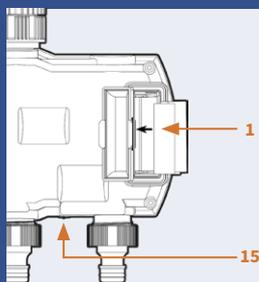
15. SENSOR CONNECTION SOCKET

Rain or moisture sensor connection, to skip watering during rainy days or when soil is too wet.

16. MALE SNAP-ON CONNECTORS

To connect hose attachment.

Power:
2 AA alkaline batteries required (not included)



DIAL POSITION	DESCRIPTION
RUN	Settings confirmed and saved
SET CLOCK	Set clock time (0:00-23:59)
START TIME	Set when to start watering (0:00-23:59)
HOW LONG	Set watering duration (1-240 minutes)
HOW OFTEN	Set frequency (4,6,12 hrs or 1-15 days)
OFF	Turn timer off



PROGRAMMING THE TIMER

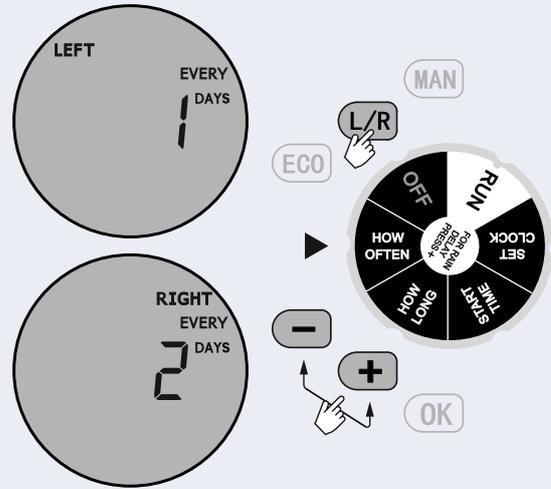
CLOCK SET

Turn Dial to **SET CLOCK** position, Press + or - Button to advance or reverse clock time. Confirm settings by pressing the OK button.



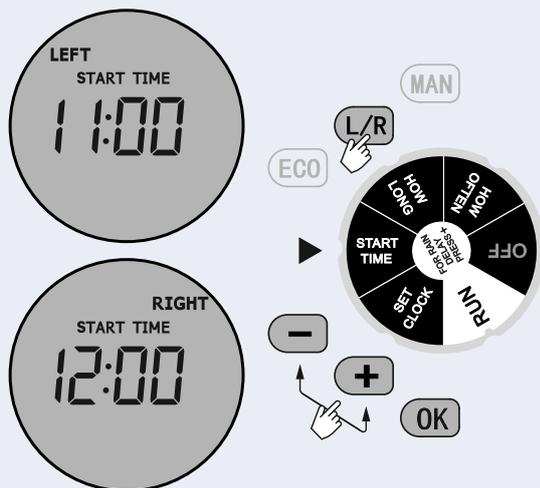
HOW OFTEN

Turn Dial to **HOW OFTEN** position, Press + or - Button to advance or reverse watering frequency and press L/R button to choose Left or Right valve.



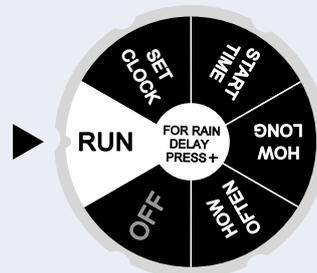
START TIME

Turn Dial to **START TIME** position, Press + or - Button to advance or reverse start time. Press L/R button to choose Left or Right valve. Confirm settings by pressing the OK button.



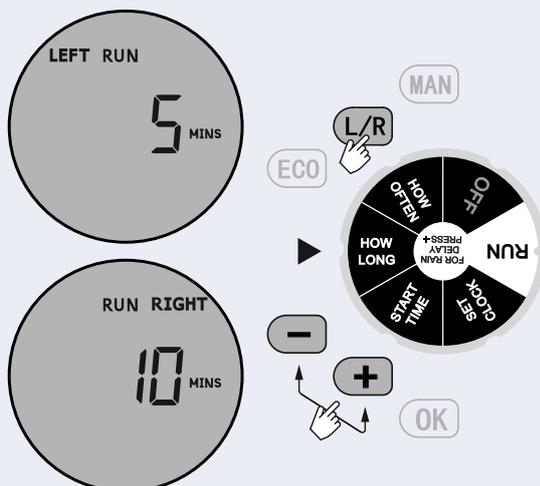
RUN

Turn Dial to **RUN** position, to save settings. The timer waters according to programmed time, frequency and run time. Screen will flash between clock time and next watering time. Take note of the settings for reference.



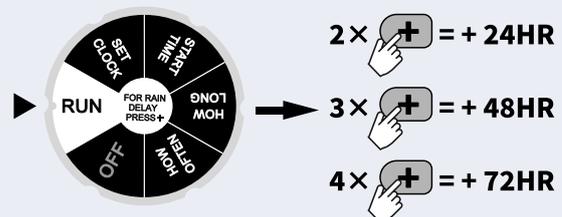
HOW LONG

Turn Dial to **HOW LONG** position, Press + or - Button to advance or reverse start time and press L/R button to choose Left or Right valve. (1-240 minutes)



RAIN DELAY

1. With the dial in **RUN** position and program saved, press the + button to delay for 0, 24, 48 or 72 hours. Both valves share the same delay.
2. Delay will start within 5 seconds if no more change are made, or save the delay settings by pressing the OK button.
3. Screen will flash between clock time and hours remaining before program resumes.
4. To remove rain delay, turn the dial to **OFF** and then back to **RUN**.



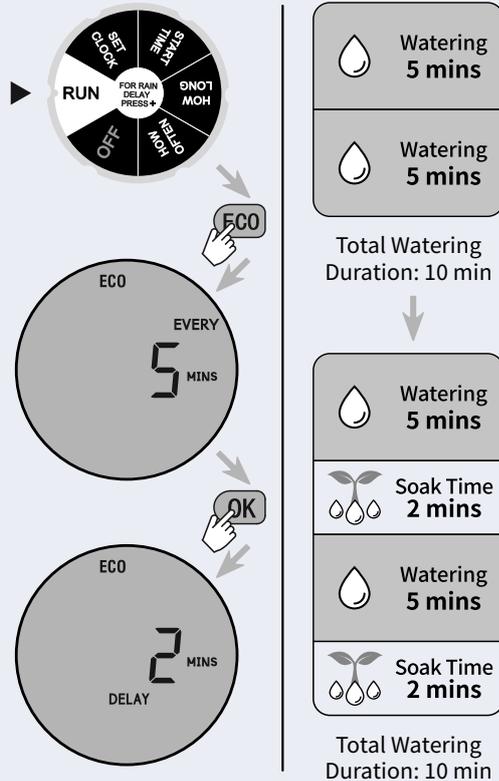


PROGRAMMING THE TIMER

EXAMPLE 1

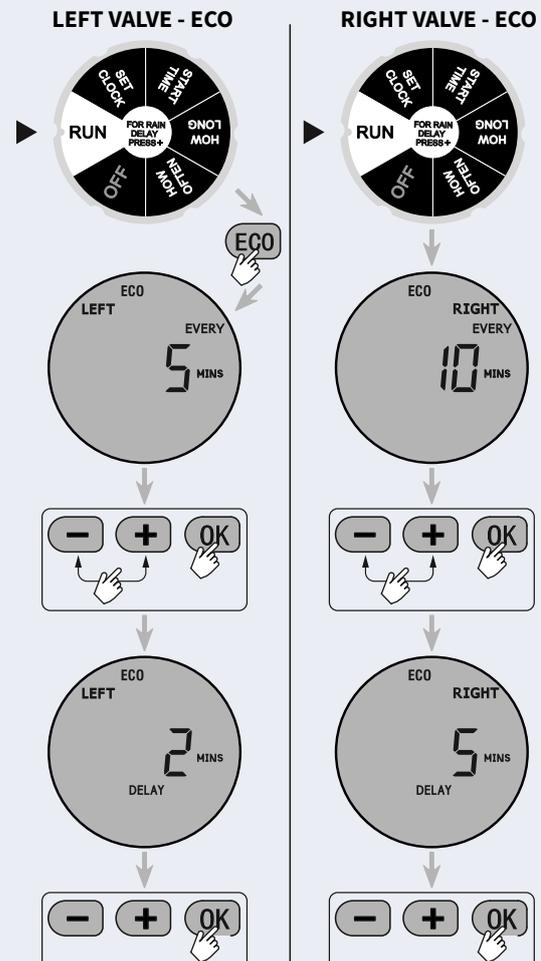
How Long (watering duration) setting is 10 minutes, and you want the timer to hold on watering for 2 minutes in every 5 minutes watering, in other words, to water for 5 minutes and stop for 2 minutes to allow water to soak into soil.

You set the ECO to Every 5 min and Delay 2 min. (Total watering duration is still same as the set How Long, which in this case is 10 minutes).



EXAMPLE 2

To split left valve watering duration into water for every 5 minutes and soak for 2 minutes, and **right valve watering duration** into water for every 10 minutes and soak for 5 minutes, the settings would be:



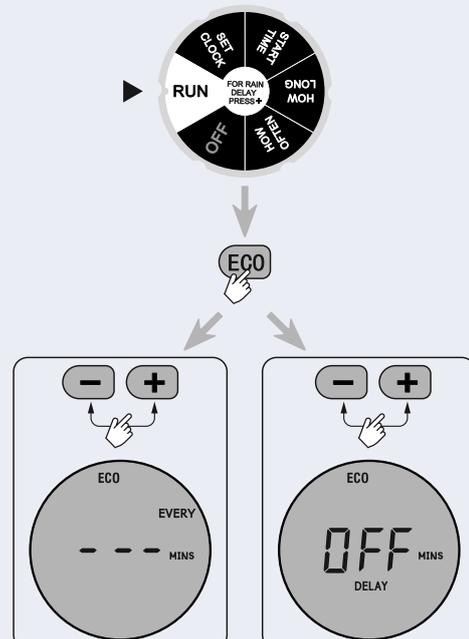
ECO

ECO is to split the set watering duration into smaller watering cycles with soak time in between.

- When the Dial at RUN position, press the ECO button, adjust with the + or - Button to set into smaller watering duration(EVERY) and soak time(DELAY) for the left valve and confirm settings by pressing the OK button.
- Then press the ECO button and L/R button to set ECO for the right valve, and confirm settings by pressing the OK button.
- To remove the ECO, set the EVERY into ---, or set the DELAY into OFF.

EXAMPLE 3

To remove the ECO, set the EVERY into ---, or set the DELAY into OFF.



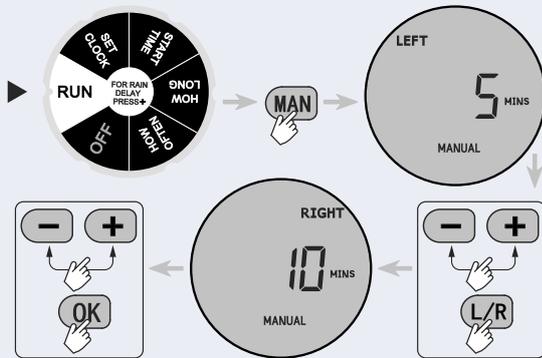
PROGRAMMING THE TIMER



MANUAL WATERING

Manual watering is for one time instant watering without interrupting the set program.

- Press the **Manual ON/OFF** button and then press the + or - Button to set from 0 to 240 minutes for left valve.
- Press **L/R Button** to choose right valve, and then press the + or - Button to set from 0 to 240 minutes for right valve.
- Manual watering will start **ONLY** after the setting is confirmed by pressing the **OK** button.
 - Screen will flash between clock time and minutes remaining before program resumes.
 - To remove manual watering, turn dial to OFF, or simply press the Manual ON/OFF button.
 - To resume the set program, turn the dial back to RUN.



ADDITIONAL EQUIPMENT



PROTECTING THE TIMER

- This timer is designed for outdoor use to control sprinklers or irrigation systems for watering. It can not be used for industrial purposes or be in contact with food, chemicals and pesticides.
- Operating water pressure is from 0.5 bar to 8 bars (7 psi to 116 psi).
- Use with clean and freshwater only - Maximum Temperature 60°C and Minimum Temperature 1°C.
- Protect timer during winter season or freezing conditions. Remove from tap and drain water inside, remove batteries and keep indoors.
- Timer is water resistant, NOT water proof. The timer must be installed above ground and vertically to the tap. DO NOT submerge it in water.
- DO NOT pull the hose while attached to the timer.
- If timer does not work, please check instruction or visit our Help & Advice Centre at www.waterirrigation.co.uk/how-to-irrigate-a-watering-guide.

