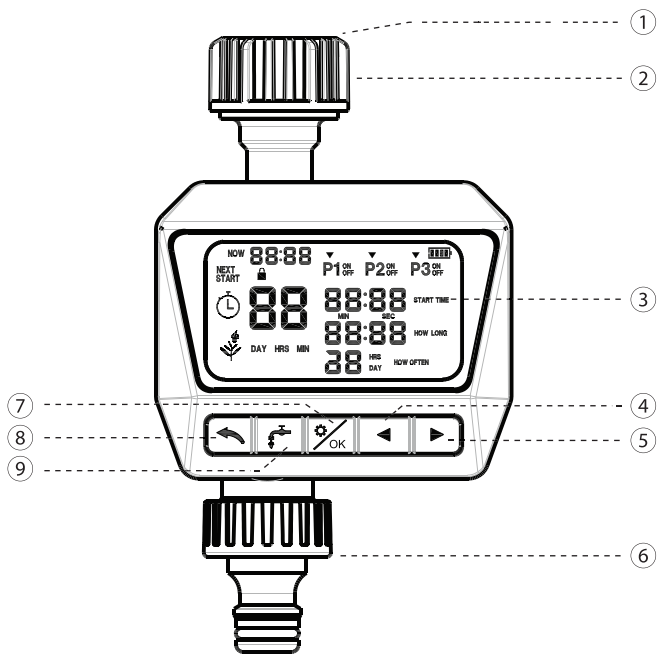


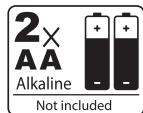
## INSTRUCTION

ELECTRONIC CONTROLLER WITH LCD SCREEN

ECO-3137



- ① Filter
- ② Tap adapter 3/4"
- ③ LCD Screen
- ④ Button +
- ⑤ Button -
- ⑥ Connector adapter
- ⑦ Button settings/OK
- ⑧ Return button
- ⑨ Manual control mode



## BATTERY INSTALLATION

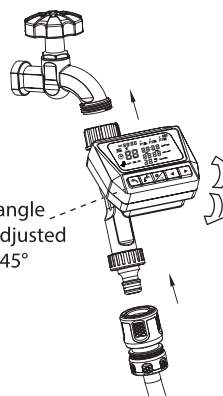
Open battery compartment on the back of controller, insert 2 alkaline batteries AA and close compartment.

Note:

- When LCD screen shows flashing battery icon, it means low battery level and they must be replaced.
- When battery voltage is lower than 2,4V, close solenoid valve.

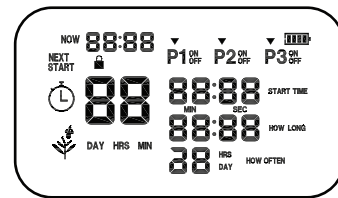
Icon	Voltage
	over than 3V
	2,8 - 3V
	2,6 - 2,8V
	2,4 - 2,6V
	lower than 2,4V

## CONTROLLER INSTALLATION



1

## LCD SCREEN ICONS



Icon	Description
	Current time settings (0:00-23:59).
	Irrigation programs settings (possible 3 programs per day).
	Irrigation start time settings (0:00 - 23:59).
	Irrigation duration settings (1 minute - 23 hours 59 minutes).
	Irrigation frequency settings (every 1 hour - 30 days).
	Next irrigation start time (day, hour, minute).
	Battery level.
	Display lock.
	Icon turns on and flashes when water is on.

2

## RESET

Press buttons ⑦ i ⑧ and hold for 5 seconds to reset controller to its factory default settings.

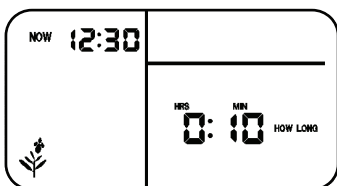
## CURRENT TIME SETTINGS

Press button ⑦, then button ⑤ or ④ (hold to change numbers quicker) to set current time. Press button ⑦ to confirm settings.

## MANUAL CONTROL SETTINGS

Press button ⑨, then button ⑤ or ④ (hold to change numbers quicker) to set irrigation time from 1 minute - 23 hours 59 minutes. Press button ⑦ to confirm settings (if not confirmed within 1 minute, screen returns to its initial display).

Press button ⑨ again to turn manual control off.



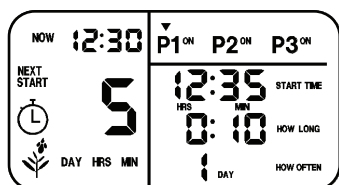
Note: When manual control time finishes, controller resumes to automatic mode.

## IRRIGATION PROGRAM SETTINGS

Press button ⑦ until icon P1 starts flashing. Use button ⑤ or ④ to choose exact program and set in succession:

- Program turning on/off**  
Use button ⑤ or ④ to turn exact program on or off. Press button ⑦ to confirm settings.
- Irrigation start time settings**  
Use button ⑤ or ④ to set irrigation start time. Press button ⑦ to confirm settings.
- Irrigation duration time settings**  
Use button ⑤ or ④ to set irrigation duration time from 1 minute - 23 hours 59 minutes. Press button ⑦ to confirm settings.
- Irrigation frequency settings**  
Use button ⑤ or ④ to set irrigation frequency every 1 hour - 30 days. Press button ⑦ to confirm settings.

Follow the same steps to set more programs P2 and P3.



4

Note:

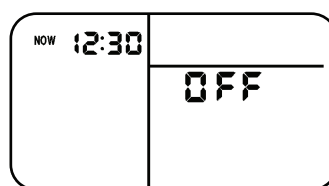
- Possible to set 3 programs.
- Programs can be modified and check its settings easily any time.
- When only 1 program is set, display shows only P1.
- Setting of two same irrigation times is impossible, for example: when start time for P1 is set for 12:00-13:00, same time cannot be set, but 13:01.

## DISPLAY LOCK

Press button ⑤ and ④ at the same time and hold for 5 seconds to lock display. Repeat this action to unlock display.

## TURN ON/OFF CONTROLLER

Press button ⑧ and hold for 5 seconds to turn controller off. Repeat this action to turn controller on, display returns to its initial display.



5

## CARE AND MAINTENANCE

- Only for outdoor use to control sprinklers and irrigation systems. Do not use for industrial purpose in contact with food products, chemicals and pesticides.
- Operating water pressure: 0,5 - 6 bar (7 - 87 psi).
- Operating water temperature: 0°C - 60°C.
- Protect controller during winter season and freezing conditions.
- Protection level: IP44.
- Install controller above ground and vertically to tap.
- Do not submerge in water and avoid controller to be in contact with water.
- Do not pull hose once attached to controller to avoid any damage.
- Filter traps dirt particles and prolongs life of controller. Clean filter regularly and replace when worn.
- Do not use spanners or pliers to avoid damage to controller.
- If controller does not work, read instruction carefully again or contact your store service before returning timer to store.

## MAINTENANCE

- Close tap and remove controller.
- Drain out water from controller.
- Remove batteries.
- Dry controller and store in dry indoor place.

6

3