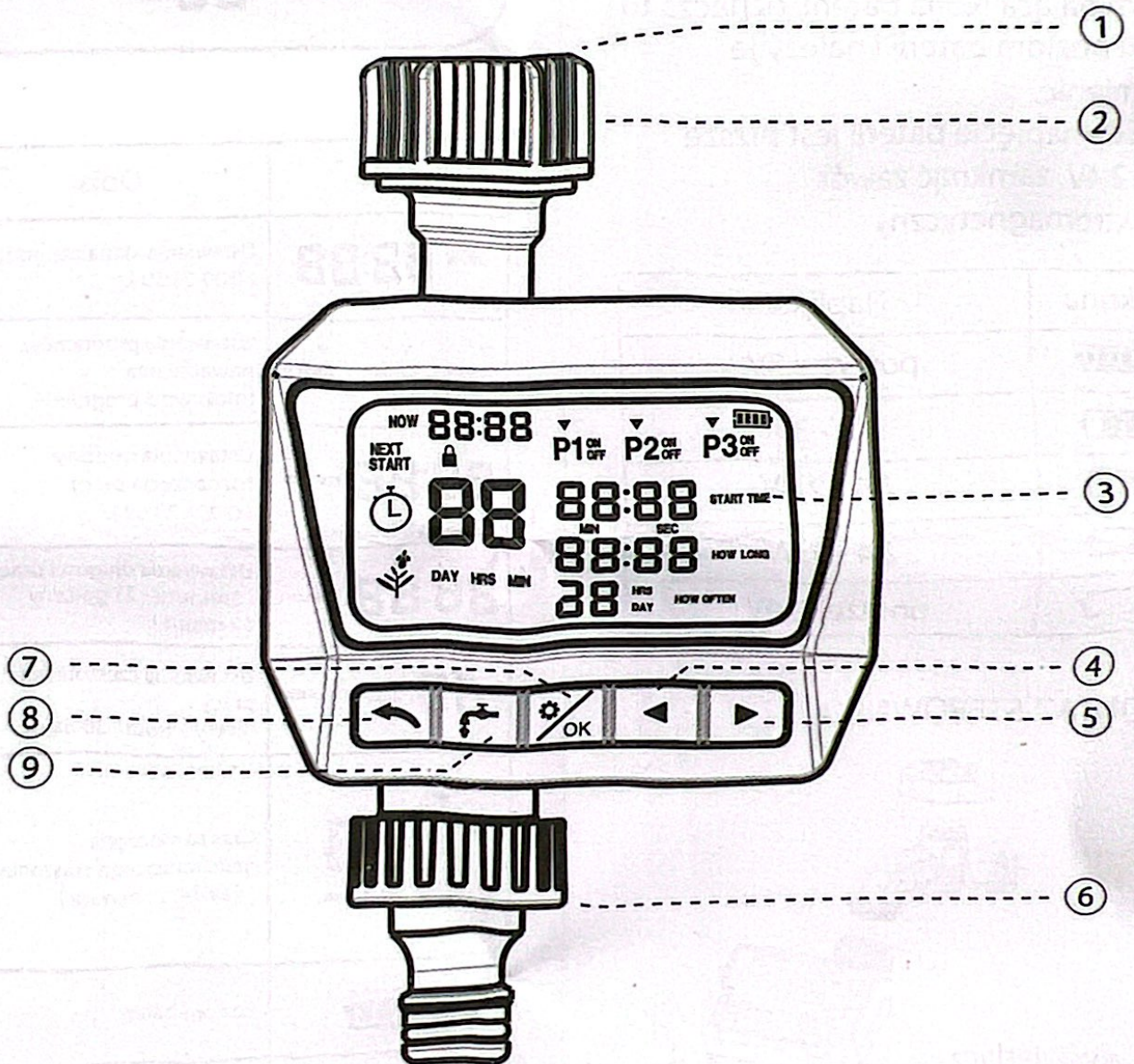


**Bradas.**

**INSTRUCTION**

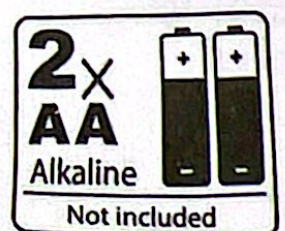
**ELECTRONIC CONTROLLER WITH LCD SCREEN**

**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

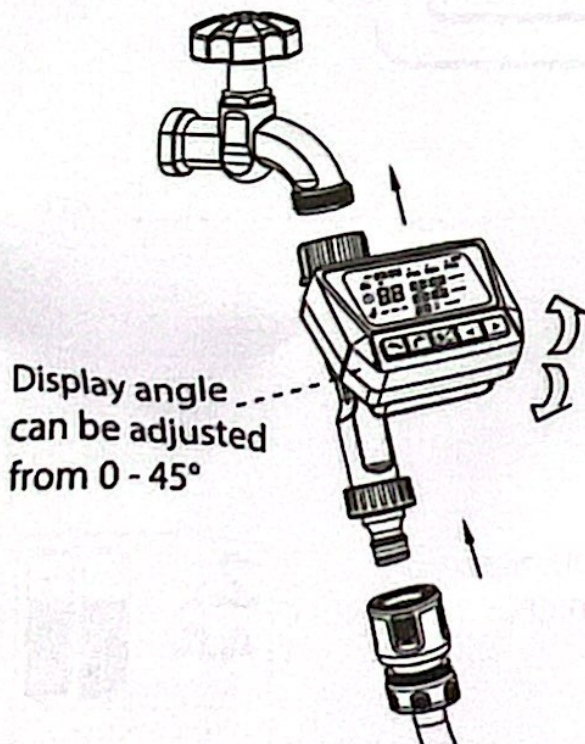
Open battery compartment on the back of controller, insert 2 alkaline batteries AA and close compartment.

Note:

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

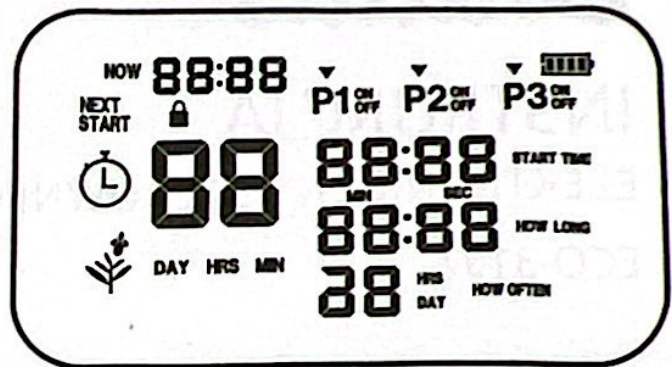
Icon	Voltage
	over than 3V
	2,8 - 3V
	2,6 - 2,8V
	2,4 - 2,6V
	lower than 2,4V




## CONTROLLER INSTALLATION



1

## LCD SCREEN ICONS



Icon	Description
<b>NOW 88:88</b>	Current time settings (0:00-23:59).
<b>P1 ON OFF P2 ON OFF P3 ON OFF</b>	Irrigation programs settings (possible 3 programs per day).
<b>88:88</b> START TIME	Irrigation start time settings (0:00 - 23:59).
<b>88:88</b> HOW LONG	Irrigation duration settings (1 minute - 23 hours 59 minutes).
<b>28</b> HOW OFTEN	Irrigation frequency settings (every 1 hour - 30 days).
<b>NEXT START</b> <b>88</b>	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.

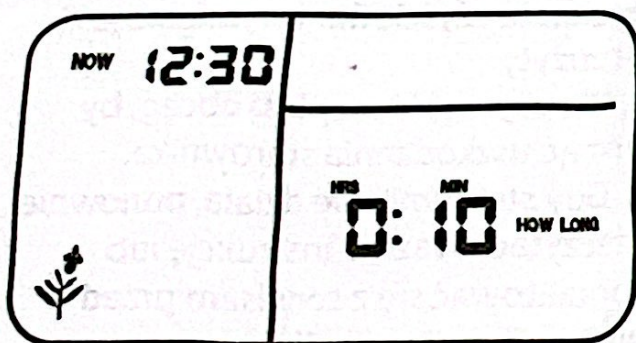
## CURRENT TIME SETTINGS

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:

### 1. Program turning on/off

Use button ⑤ or ④ to turn exact program on or off. Press button ⑦ to confirm settings.

### 2. Irrigation start time settings

Use button ⑤ or ④ to set irrigation start time. Press button ⑦ to confirm settings.

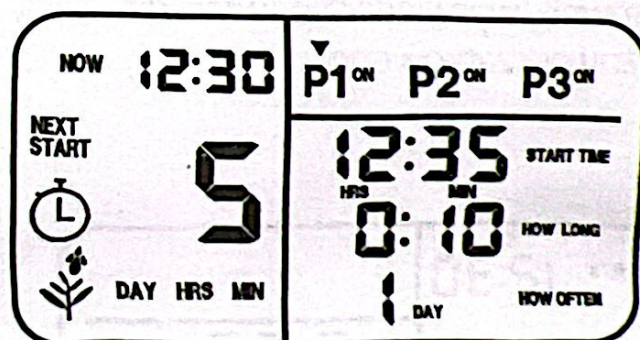
### 3. Irrigation duration time settings

Use button ⑤ or ④ to set irrigation duration time from 1 minute - 23 hours 59 minutes. Press button ⑦ to confirm settings.

### 4. 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.



### Note:

1. Possible to set 3 programs.
2. Programs can be modified and check its settings easily any time.
3. When only 1 program is set, display shows only P1.
4. 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.

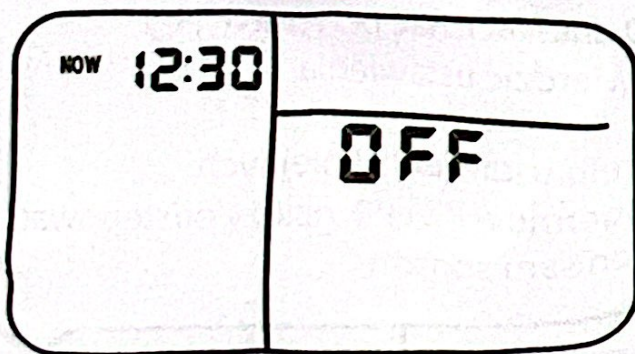
### DISPLAY LOCK

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.



### CARE AND MAINTENANCE

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

### MAINTENANCE

1. Close tap and remove controller.
2. Drain out water from controller.
3. Remove batteries.
4. Dry controller and store in dry indoor place.