Overview

Aifro WaterEco is a smart garden irrigation controller with a 7-inch super big touch screen and 16 zones to change the way you water. It enables you to monitor and control your yard's watering schedules from anywhere with a smart phone, tablet or PC remotely.
Panel layout

1. ON/OFF switch: Push it up/Push it down to turn on/turn off the power. It is located on the left side of Aifro WaterEco.
2. Reset button: Press and hold the "Reset" button for about a few seconds. Loosen when hearing three beeps to restore Aifro WaterEco.
3. Lock/Unlock the screen: Press the button to turn off/turn on the screen.

AC 24V: Terminals for connecting the 24VAC power adapter.
COM: Public terminal for connecting common wires from all zones.
MST: Terminal for connecting the power wire from the Master Zone.
Z1: Terminal for connecting the power wire from Zone 1.
Z2: Terminal for connecting the power wire from Zone 2.
Z3: Terminal for connecting the power wire from Zone 3.
Z4: Terminal for connecting the power wire from Zone 4.
Z5: Terminal for connecting the power wire from Zone 5.
Z6: Terminal for connecting the power wire from Zone 6.
Z7: Terminal for connecting the power wire from Zone 7.
Z8: Terminal for connecting the power wire from Zone 8.
COM: Public terminal for connecting common wires from all zones.
Z9: Terminal for connecting the power wire from Zone 9.
Z10: Terminal for connecting the power wire from Zone 10.
Z11: Terminal for connecting the power wire from Zone 11.
Z12: Terminal for connecting the power wire from Zone 12.
Z13: Terminal for connecting the power wire from Zone 13.
Z14: Terminal for connecting the power wire from Zone 14.
Z15: Terminal for connecting the power wire from Zone 15.
Z16: Terminal for connecting the power wire from Zone 16.
Install Aifro WaterEco

1. Remove the green cover on Aifro WaterEco. Measure the position, planish with the hammer and fix the attached screw with the cross-shaped screwdriver.

2. Align the back of Aifro WaterEco on the screw and hang it on the wall, record the hold location on the lower-left and lower-right corner with the pencil.

3. Hang Aifro WaterEco again, fix the screws into the lower-left and lower-right corner with the cross-shaped screwdriver.

NOTE: Please make sure Aifro WaterEco is not exposed to rain and direct sunlight.

Tips: Aifro WaterEco is designed for indoor use only. For outdoor use, please purchase Aifro WaterEco Waterproof Enclosure separately. Besides, if you want to expand zones (12 zones, 24 zones and 36 zones), please purchase our custom-made expansion board bundled with Aifro WaterEco Waterproof Enclosure optionally. Learn More
If you use for the first time

When you use Aifro WaterEco for the first time, you'll see the following interface:

Welcome to use Aifro WaterEco

Tap "Start Setup Wizard" to start the setup wizard. In the "Select Wi-Fi" interface, you need to select your Wi-Fi SSID, input the password. Please make sure Aifro WaterEco is connected to Wi-Fi, or Aifro App will not work. In the "Change password" interface, please set a private password. Please don't use the default password "12345678". You can just use default settings for subsequent interfaces for the setup wizard.
Set up zones

After finishing the setup wizard, you'll see the main interface of Aifro WaterEco.

Tap "Zones" in the main interface and turn to the "Zones" interface.
All zones are listed here. Tap the "Setup" icon and you can change the properties of the zone.
Zone 3

Tap to change

Name
Watering time 5 minutes
Enabled

Plant type lawn
Plant name
Soil type loam
Slope flat
Exposure Lots of sun

[Image of Zone settings interface]
This section includes three parts:

**General settings:** You can change the zone name, zone icon and watering time.

**AI adjustment settings:** The settings include Plant type, Soil type, Slope and Exposure, which will be used to calculate the AI adjustment value (which will be introduced in the next section). The plant name is just used to search Wiki.

**Watering method:** If you want to suspend for a while after a zone is finished, please change this setting.
Tap "Water" in the main interface and select zones to water.

If you want to water all zones, please just tap "Water all" directly, otherwise please uncheck the zones that you don't want to water. The "Delay" button is provided for you to water zones after a period of time. When the watering starts, you'll see the following interface:
Zone 1
Watering
Total time: 05:00
Remaining time: 04:42

Total: 16 zones, 80 minutes
Remaining: 16 zones, 79 minutes
Schedule watering

Tap the "Schedule" icon in the main interface and enter the "Schedule" interface.

There is a schedule calendar on the left side, which shows the watering dates of all schedules. On the right side, you can adjust schedule settings and AI adjustment settings.

Add a schedule
Tap the "Schedules" tab in the "Schedule" interface and turn to the schedule list.
In this interface, you'll see a list of all watering schedules. Tap the schedule name and the options will appear.

Run: Start the watering schedule at once.
Edit: Adjust the schedule settings.
Skip: Skip the next watering date.
Delete: Delete the schedule.

Tap the "ADD" button in the upper right corner to add a new schedule.
You just need to change the following settings, and use default settings for other items.

**Beginning time:** Specify the time you want to start the schedule.

**Repeat:** 3 repetition frequencies are available, which are "Only once", "Weekly" and "Interval" (every 1~30 days).

**Zones:** Select some zones that you want to water in this schedule.

Finally, please tap the "SAVE" button in the upper right corner to save the settings.

**AI watering**

AI watering means the watering schedule can be adjusted intelligently. Aifro WaterEco provides many smart features for schedules.

**Adjust watering time of zones by weather forecast:** Aifro WaterEco will increase or reduce watering time according to several factors such as sun, temperature, humidity, plant type, soil type, etc.

**Seasonal adjustment:** Under "AI ADJUSTMENT SETTINGS" in the "Schedule" interface (Picture 5.2.1), you can find the "Seasonal adjustment" item. If you have set adjustment values for 12 months, the schedule will adjust watering time according to the set values and current month.
Automatically detect special weather: Aifro WaterEco downloads weather forecast data every 2 hours. When a severe weather is detected, the device will send a trigger (you will see a warning sign such as "affected by strong wind" in the area of device state). Currently, Aifro WaterEco can send "Rain", "Low temperature" and "Strong wind" triggers. You can change the trigger settings in the "AI ADJUSTMENT SETTINGS" section (Picture 5.2.1).

Settings

Country and city: Set the device location, which is very important, because our weather server will send data according to the location. Please make sure you can get weather forecast with your setting.

Date and time: The device time is in sync with the Aifro server by default.
Temperature: Change the temperature unit. Fahrenheit and Celsius are available.
Total zones: Set the number of zones you have.
Advanced settings: Modify the device name and password, and upgrade the firmware.
Backup: Back up your settings to the Aifro server.
About: Shows the device information such as device ID.

Aifro App

You can also use Aifro App to control your device. Please download from https://www.aifro.com/download.html or scan the following two QR codes to download.

For iOS

For Android

Before using Aifro App, please make sure you have set up the device Wi-Fi connection.

Add a device to your Aifro Cloud account

If you are a new Aifro user, you need to register an Aifro Cloud account and add your device to your account. Run Aifro App. Login to Aifro Cloud and enter the main interface. Tap 📝 in the upper left corner.
Select "Add a device" in the drop-down options and enter the "Add an Aifro device" interface.
Then tap the "Add devices in the local network" option to continue.
When the search finished, just tap your device name and add it to your Aifro Cloud account.
Use Aifro App

After adding your device to your Aifro Cloud account, tap the device icon to enter the main interface.
Device state: Shows whether the device is watering or not and whether the AI trigger will act or not. For example, in the above picture, the AI trigger "strong wind" will act when a watering schedule starts.

Next watering: Shows the next watering time and which zones will be watered.

Last watering: Shows the last watering time and which zones have been watered.

Water use: Shows the statistical information about water use.

Weather forecast: Shows the weather forecast on this day.

Contact Us

• If you encounter any problem when using our products, please contact us by support@aifro.com or call 1-844-MY-AIFRO (toll free) and we will serve you with utmost satisfaction.

• We'll offer a satisfying discount on batch purchase and affiliate program. If you are interested, please contact us by sales@aifro.com