Quick Start Guide - EZFlora Model #5010A
8-Zone Irrigation Controller

Product Brief

Your EZFlora is a sophisticated, yet compact 8-zone irrigation controller. With it you can set up 4 different program schedules, control individual zones locally and remotely, and automatically disable your irrigation system when it rains.

Out of the box, each zone of the EZFlora can be activated via INSTEON or X10 commands. A home automation gateway, like one of our Harmony gateway, or a compatible software package and PC interface will be needed for configuration of timers and programs, as well as the advanced functions available on your EZFlora.

Installation

Each irrigation valve will have 2 wires. One wire will connect to a terminal labeled "Zone1-8" and the other will connect to a "Comm" terminal. For more than one valve, connect all common wires together and attach one lead wire to run from the common bunch back to the "Comm" terminal as shown in the diagram.

A 24V AC power supply will be needed to power your valves and will connect to the two terminals labeled "AC Xmr".

Once you've made all your connections, plug in your EZFlora and 24VAC transformer to a 120V AC outlet. Ensure that connections to power are made indoors or in weather proof enclosures.

RJ-45 port is **NOT** for data communication. Refer to page 2.
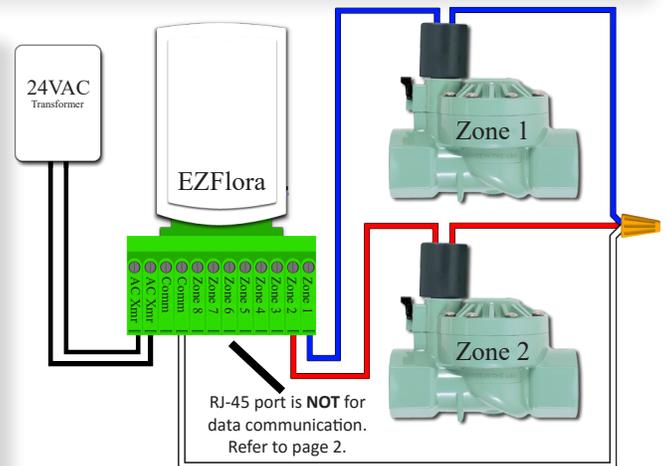
Set-up

Controlling Valves with an INSTEON Device (Ex. KeypadLinc)
In this example, we'll show you how to program an 8-button Keypadlinc to control each respective zone on your EZFlora

1) Press and hold the first button on your KeypadLinc until it begins to blink.
2) Press and hold the SET button on your EZFlora for about 4 seconds. Your KeypadLinc should stop blinking, indicating a successful link, and the LED on your EZFlora will go out waiting for which zone to program.
3) Press the SET button once for Zone 1(twice for Zone 2, thrice for Zone 3 etc...)
4) Press the SET button finally for about 4 seconds. Button 1 is now programed to control Zone 1 of your EZFlora!
5) Repeat steps 1-4 to program the rest of your zones, making sure to select button 2 for Zone 2, button 3 for Zone 3, and so on.

Controlling Valves with an X10 Device
The EZFlora uses the unit code of an X10 address to control the corresponding Zone # (A1 for Zone 1, A8 for Zone 8, etc...)

1) Press and hold the SET button on your EZFlora for about 4 seconds. The LED should be blinking steadily waiting for an X10 code.
2) Using an X10 controller, send the desired X10 command (Ex. A1 ON) three times within 30 seconds.
   - To disable X10, repeat this process substituting an OFF address in step 2.

Factory Reset

Unplug your EZFlora for at least 5 seconds. Press the SET button while plugging back in. Continue holding SET button for 5 seconds and then release.

Important Things to Note:

- EZFlora will only run one zone at a time to ensure no drop in water pressure
- Only one valve should be used per zone (500 mA maximum load per zone)
- Zone 8 can be configured to be a "Pump Zone". When enabled, Zone 8 will turn on with any other zone
- Each zone is set up with a maximum duration of 30 minutes to ensure irrigation doesn't run forever if an OFF command is missed
- All settings/configurations can be done using software such as iSmartenit with our Harmony gateways

RJ-45 Connector Specifications

This port is not intended for data communication. Do NOT connect to an Ethernet port.

8 7 6 5 4 3 2 1
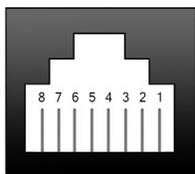
Pin 1. Input 1 (not used)
Pin 2. +5V auxiliary 50Ma. Max.
Pin 3. Ground
Pin 4. Water Meter Pulse Input (has internal pullup)
Pin 5. Ground
Pin 6. Rain Sensor (Must be pulled up to inhibit*)
Pin 7. Ground
Pin 8. No Connection

For Rain Sensor - Connect 4.7K Ω resistor* between terminals 2 and 6 and rain sensor between terminals 6 and 7
For Water Meter - Connect water meter between terminals 4 and 5

Smartenit Accessories to Enhance your EZFlora
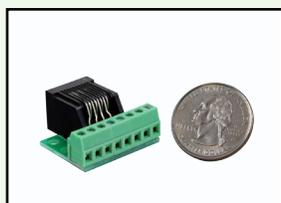
Part # 8045A

With our Breakout Connector, 8045A, you can simply connect any length of CAT5 patch cable to your EZFlora and then use the breakout connector to easily integrate a single jet pulsing water meter and/or rain sensor. (Note: Configuration settings need to be enabled for rain sensor and water meter interface capability.)

Part # 6007 (C, D or L)

With one of our Harmony gateways, you can fully program your EZFlora's configuration settings, timers, and schedule capability, as well as have full access of your irrigation system via the iSmartenit Web and Mobile device application. The Harmony gateway is a central monitor and control gateway that offers integration with many ZigBee, INSTEON or X10 devices, giving you the ability to set up complex actions triggered by a variety of options.

Third Party Accessories to Enhance your EZFlora

Single Jet Pulsing Water Meter and Rain Sensors

Clark Solutions #CLXC
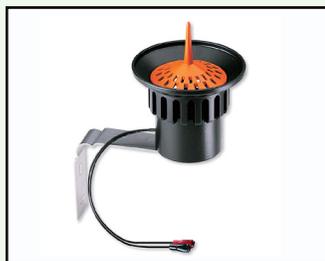
Claber #90915

Toro #53770

RainBird # RSDBEX