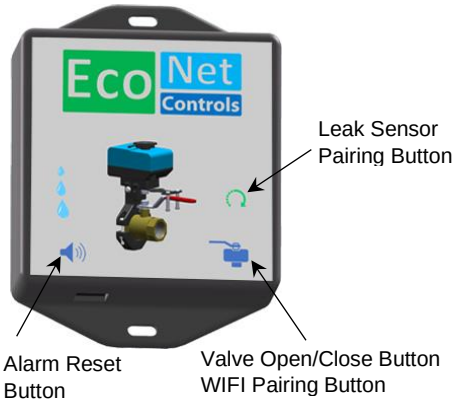
Bulldog-JW Valve Robot, Model EVC300 Control Module

Quick Start Guide

The Bulldog-JW Starter Kit is a Leak Detection & Prevention Solution that "*Just Works*".

1. Install the Bulldog motor assembly over your water shutoff ball valve (See Mounting/Valve Install Guide)
2. Connect the Motor Assembly to the Control Module
3. Plug in the AC Adapter and connect it to the Control Module
4. Position the Sensors in to Leak sensitive locations.
5. Done!



Leak Alarm Reset:

- Click On/Off Reset Button (Speaker)
- Click On/Off Valve Open/Close Button (once or twice)

Adding ELS100 Leak Sensors

- Green ¾ Circle is the Leak Sensor Pairing Button (dotted, ¾ circle with arrow)
- Adding/Pairing Leak Sensors: Click Green Button On/Off, then activate leak sensor for 2 Beep Cycles
- Click Alarm Reset, repeat above for additional Leak Sensors

Exclude All Leak Sensors:

- All paired Leak Sensors can be removed (Excluded) by holding green button for approx. 5 seconds until red blink acknowledgment

WIFI Pairing to eWeLink App:

- Install, setup account and login to eWeLink App
- The Valve Icon is the WIFI Pairing Button
- Blue LED is WIFI Status, Slow Single Blink, pause, not paired, not broadcasting
- Blink, blink, blink, pause, repeat, ready to be paired (Quick Pairing mode)
- 2.4GHz Network required & Smart Phone should be connected to this 2.4GHz Network
- If not in pairing mode, hold Valve Icon button for approx.. 4 seconds to set to pairing mode
- On smart phone, in eWeLink App, use "+" and following instructions for "Quick Pairing"
- App. should acknowledge successful pairing in 20-90 seconds
- Rename the Bulldog valve appropriately, "Water Main", other?
- In the device settings menu (select device, 3 dot settings menu), update "Power-on State" to "Last state"
- In device settings, turn on "Push Notifications" to receive notice of valve open or closed. (On/Off)
- In device settings, update "Current Version", if required

LED Status				
	Steady Slow Blink	3 Blink, Pause	Solid On	Solid Off
Blue LED	Not WIFI Paired	Waiting to be paired	WIFI Paired	
Red LED, Valve Icon			Valve Open	Valve Closed
Green LED (Speaker)			Green, System Armed or Red – in alarm state Speaker Beeping	

FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

*RF warning for Mobile device:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.