EcoNet Controls

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
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 leak sensitive locations.
5. Done!

Leak Alarm Reset:

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

Caution: The Leak Sensors included with the JW Starter Kit have already been paired. Pairing process is not required for the Leak Sensors included with the Bulldog-JW

Adding ELS100 Leak Sensors:

- Click Leak Sensor Pairing Button
- Activate Leak Sensor for 2 Beep Cycles (wet paper towel)
- 3rd Beep Cycle will activate Alarm if valve is open (Red LED On)
- If required, Click Alarm Reset, repeat above for additional Leak Sensors

Exclude All Leak Sensors:

- All paired Leak Sensors can be removed (excluded) by holding Leak Sensor Button for approx. 5 seconds until red blink acknowledgment

WIFI Pairing using eWeLink App:

- Install, setup account and login to eWeLink App
- 2.4GHz Network required & Smart Phone must be connected to this 2.4GHz Network
- Pairing Mode Automatic on Power Up. If not in pairing mode, hold Valve Open/Close Button for approx. 4 seconds to set to pairing mode (blue led triple blink)
- On smart phone, in eWeLink App, use "+" and follow instructions for "Quick Pairing"
- App should acknowledge successful pairing in 20-90 seconds
- Rename the Bulldog valve appropriately, ("Water Main", etc.)
- In the eWeLink App 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)

HC2xx Mounting Bracket
Bracket Screw
Bulldog-JW Control Module
Leak Sensor Pairing Button
Alarm Reset Button
Valve Open/Close Button
WIFI Pairing Button

Leak Sensors

eWeLink App Works with:

* Amazon Alexa
* Google Home
* SmartThings
* IFTTT
* Sonoff Devices

Tab Slot
Valve Mounting Collar
HC2xx Mounting Bracket
Bracket Screw

1. Attach HC2xx Mounting Bracket to valve collar

Position HC2xx mounting bracket over valve collar. Partially tighten bracket screws, evenly. The bracket assembly should stay in position but also allow rotation adjustments.

Rotate bracket assembly in position with the Tab Slot in line and level with valve Pivot Point. Tighten screws x 2 and secure bracket assembly over valve collar

2. Attach Motor Assembly, Pins & Control Module

3. Push Button on Control Module and Complete Test Stroke. Adjust assembly as required.

C. Position Pins x 2 tight against valve handle, add bottom support bracket, tighten screws

A. Using M6-Tab Screw attach motor assembly to bracket Tab Slot

CAUTION: Be sure PS/2 connector pins are aligned before pushing connector into Control Module

B. Slide Motor Assembly left/right over mounting tab and position with Pivot Points Centered and Level. Tighten M6 Tab Screws