



Add-A-Station - System Expander Solves your valve wiring problems



VH7001 - VH7011 2 Station | 1 cable | 2 Valves



Work around broken cables. Add a station without adding new wiring.

Add-A-Station is the proven way to independently control 2 solenoid valves with only one pair of field cables. The Add-A-Station has 2 parts - an encoder at the controller where 2 station cables are joined to the single active field cable. At the solenoid valve is an encoder that takes the active cable & separates it into the 2 valves. The Add-A-Station allows the solenoid valves to operate completely independently of each other. They can be programmed as if 2 field cables are used.

FEATURES

- Operate 2 x 24 VAC solenoid valves on one active and common cable.
- Both solenoid valves connected through the
- Add-A-Station can be independently timed & controlled for both automatic and manual operations.
- The 2 valves can be set to separate watering schedules & programmes in the controller
- Very simple & inexpensive to use.
- Eliminates the need to disrupt the landscape by digging in new cables.



VH7001 - Transmitter & Receiver



VH7001 - Power & Signal Booster

Solve these problems

- Divide existing stations with a new valve to correct pressure problems.
- Provides an additional valve to systems that have a spare station on controller.
- The extra valve can be a master valve.

The use of VH7011 - Power & Signal Booster

- The power & signal booster is used to replace the "bullet" at the controller end when conditions like the following exist:
- The controller has an electronic fuse that keeps tripping.
- HINT: If this happens the first thing to try is to separate the stations the Add-A-Station is connected to by a normal valve.
- If the irrigation controller is putting out a DC current or the power output is not a "clean" alternating current (AC) positive & negative wave form.

TECHNICAL SPECIFICATIONS

Power Requirements

- Input - 24VAC, 50 or 60Hz

Switching Capacity

- 0.5 Amps, 10VA

Life Expectancy

- 50,000 operations

Packaging

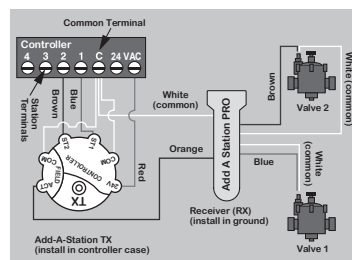
- Epoxy encapsulated

Suitable for direct burial

Transmitter Installation (TX)

Transmitter (TX): Install in the controller cabinet

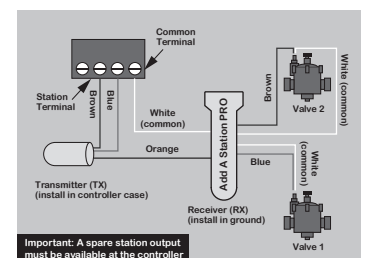
- Connect blue (valve 1) to existing controller output terminal.
- Connect orange (active) cable to the field cable.
- Connect brown (valve 2) to the spare controller output terminal.



Receiver Installation (RX)

Transmitter (RX): Install inside the valve box

- Connect blue cable to one valve.
- Connect brown cable to the second valve.
- Connect the white cables to the existing common cables.
- Connect the orange (active) cable to the existing field cable.
- When the Add-A-Station RX unit is in the use the green LED will light up when valve 1 is powered up & the red LED will light up when the station 2 is powered.



Important: A spare station output must be available at the controller.

NOTES

- We recommend having one station between the blue & brown cables. Don't use side by side controller outputs if possible.
- If the controller has an electronic fuse & it does not like the Add-A-Station being connected then replace the small encoder in the controller with the Holman VH7011 - Power & Signal Booster.