

## HERON MULTI-WIRE CONTROLLER

**A versatile irrigation controller for horticulture, landscape and agriculture. The Heron Multiwire Irrigation Controller has a superb range of software features enable you to customize the controller to match the exact needs of each installation.**

### Highlights:

- Create irrigation programs, running any valve in any order.
- Run up to 6 valves in parallel.
- Option to operate your controller from a PC or a mobile phone
- Integrate with sensors and dosing systems.
- Unique lightning surge suppression feature utilizing optical technology built-in to all controllers.
- Battery powered versions available.



**Hardware Specification**

- Compatible with any 24V AC solenoid valve.
- Option to operate DC valves.
- Output current 1.2amps (resistive) with electronic overload cut-out.
- Output current is measured which can be displayed for diagnostic purposes.
- Two pump starts.
- Three digital inputs.
- One socket to connect additional cards
- Two sockets for connecting additional output boxes.
- One data connector to connect to a PC or GSM mobile phone module.
- Designed to operate in an industrial environment. High electrical noise immunity, can withstand a 2.5KV spike.
- Battery backed up real time clock. Real time clock immune to high electrical noise.
- All outputs protected against electrical surges exceeding ANSI C62 surge suppression standards.



**Program Specification**

- Up to 60 independent programs.
- Run up to 6 valves in parallel as standard
- Possibility to run up to 12 valves in parallel with additional output cards.
- Up to 64 automatic starts.
- Daily, weekly and variable period automatic starts.
- Automatic starts can be set to run on odd or even days.
- Valves can be individually named e.g. Lawn1, Bed1.
- Valves can be specified to run on a time or volume basis.
- Valves can be allocated to one of five water meters.
- An optimal flow can be entered for every valve.
- A minimum, maximum and pipe break flow rate can be specified for each water meter.
- Valve times can be set from a minimum of 1 second to 10 hours.
- Valves can be allocated to an irrigation group.
- Rainfall can be monitored over 1 to 4 days, irrigation programs can be reduced by 25%, 50%, 75% or 100%.
- Manually percentage adjust (0% to 250%) .
- Separate manual percentage adjust for programs and valve groups.
- Continual cycling of irrigation programs between specified time of day. Delay between cycles can be set from 1 minute to 9 hours.
- Manually start an individual program or valve.
- Manually start multiple programs.
- User can select which program to stop or manually advance if multiple programs are running.
- Pump pressurization time can be set in minutes and seconds.
- Programs can be configured to start, stop, freeze or manually advance on a remote input.
- Up to 10 remote inputs can be connected.
- Programs can be allocated up to 5 pump starts or master valves.
- Valves can be defined as 'special outputs' to control external devices e.g. fill a pond, switch lighting.
- Valves can be defined for back flush use.
- Irrigation programs can be inhibited by wind speed or wind direction.
- Programs can be integrated with light, rain, humidity, temperature sensors.
- Irrigation can be controlled from a calculated evapotranspiration (ET) value.
- The ET value can be calculated using a variety of sensors depending upon the required accuracy.
- Programs can be attached to a dosing recipe.

**QUALITY BRANDS, EXCEPTIONAL SERVICE.**

