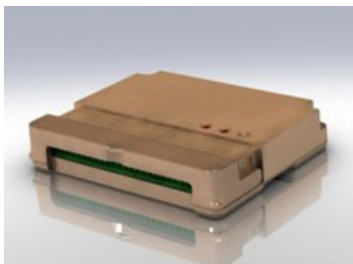
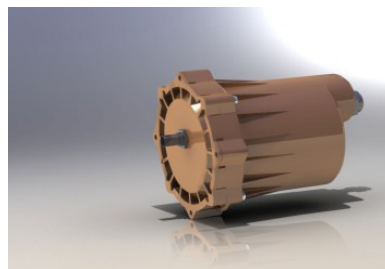


Radio System for Solenoid Control

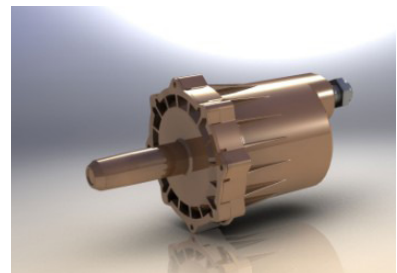
Range 2,5 km & up to 48 sectors



MASTER INTERFACE



TRANSMITTER



RECEIVER

It commands up to 48 independent sectors (a sector may consist of more than a single valve operated simultaneously).

It eliminates underground cables and excavation and trenching work.

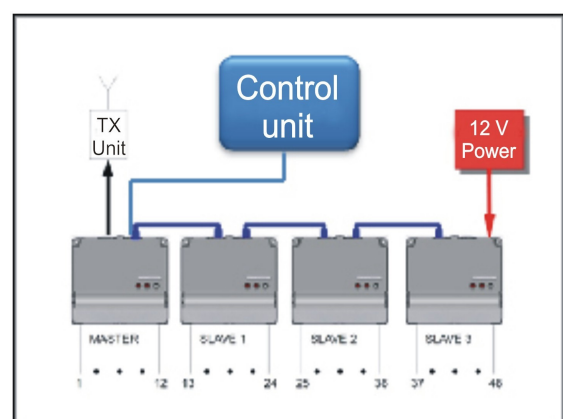
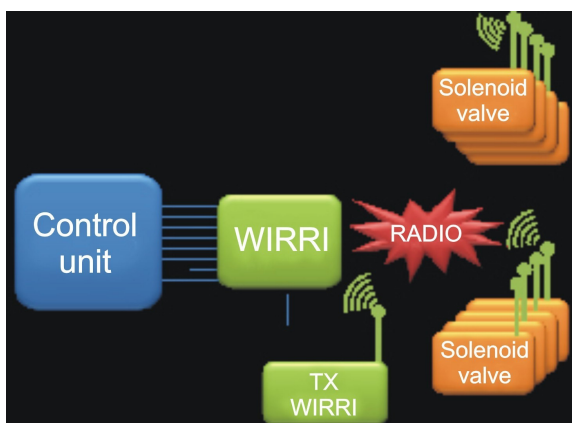
Master / Slave Interface and transmitter powered through a 12 VDC battery, solar panels with storage unit or normal mains through adapter.

Easy to install.

An only receiver controls up to 3 independent valves.

The only 'Master' interface controls 12 sectors, coupling a 'Slave' interface will increased to 12 more sectors, you can connect up to three 'Slave' interfaces to reach a total of 48 irrigation sectors.

It allows to use any kind of existing programmer, with STABLE output or LATCH.



Device Features

MASTER INTERFACE:

It allows communication with "existing centralized control units" with 24 VAC, ± 9 VDC, +9 VDC output, it allows user to turn, stop, pause and resume watering for the existing stations as if there was a cable connection.

Installation on DIN rail or wall.

220 VAC/12 VDC power supply (adapter included).

USB port for PC connection.

TRANSMITTER:

It works via radio through free frequency (without government license fee)

Standard radio range 2.5 km (straight line and view in the absence of height differences in accordance with typical installation). Alternatively, for distances over 2.5 km, a directional antenna can be used (optional). Omni-directional style antenna included.

Power is supplied from the MASTER INTERFACE WIRRI through serial protocol.

Pole installation kit included.

IP65 Certified.



Self-drive system with battery powered controller and transmitter installed on a pole.

RECEIVER:

It allows to receive commands from the irrigation control system.

It controls up to three independent solenoid valves of Latch or Bistable type operating at + 9V or alternatively + / 9V to only two conductors.

Led Test for testing radio coverage. Built-in antenna.

IP68 Certified for installation in flooded control boxes.

Pole installation kit included.

Option with dedicated wiring to the solenoids of 5 m. length available.

Powered by an internal 3.6 V battery (not included) or through an external battery with regulator (optinal).

1 year battery life in standard use conditions.



Full reception column with three latching solenoids for valve control through hydraulic servorelay.