



5.3.5 ELECTRICAL

Radio controlled irrigation monitoring & remote control systems

PERFECT SOLUTIONS FOR NEW IRRIGATION SYSTEMS AND AUTOMATING EXISTING SYSTEMS

Special features/benefits

Radio controlled systems

(you save the expense of underground cables)

- Reliable
- Save time
- Save mileage
- Save water
- Saves over-pumping
- Systems to suits almost any irrigator
- Low maintenance
- Very low operating cost

Monitoring

- Find out when faults occur
- Find out when irrigation cycle is complete

A VHF transmitter is mounted on the irrigator or at the pumping station. When the irrigator finishes its cycle or a fault occurs a radio signal is sent to the monitor typically situated in the house or vehicle alerting the operator.

Transmitters and monitors can be used for almost any application eg. water tank low level warning, gates open, pond levels etc.

One monitor can register up to 8 different conditions.

Automatic and remote control

- Automatic starting and stopping
- Remote control starting and stopping
- Telephone controlled starting and stopping
- Precise watering cycles
- Easier Irrigator maintenance
- Save Time

Optional

- Timing systems - Start / Stop
- Automatic 1/4 turn gate valve systems
(allow you to start pumps by remote)

Radio controlled automatic irrigator systems

An operator presses the Start Button on the irrigator. A radio signal is then sent to the pump house from a VHF transmitter mounted on the irrigator. This will activate the pump.

On completion of the irrigation cycle a switch on the irrigator triggers the transmitter and a stop signal is sent to the pump. The pump will either shut down immediately or where a timer is installed, will shut down after a pre-determined period.

This system is very well suited to Briggs type irrigators where run times are variable.

Radio controlled hand held remote irrigator or pump stop start

Identical to the operation of the radio controlled automatic system described above, except the operator carries a small remote control similar to a TV remote with a small aerial. This can be vehicle mounted or carried in a pocket. Press one button to start, another to stop. The remote can control several irrigators or pumps.

Weatherproof tractor mounted cases available.

Telephone controlled remote irrigator or pump stop start

The irrigator or pump can be started or stopped using any telephone or cell phone from almost anywhere.

Automatic 1/4 turn gate valve kit

Allows you to install an automatic or remote start to an irrigation system that would normally require you to manually open a 1/4 turn gate valve after pump start up. Low cost - easy to install time saver.

Installation

All of our equipment can be supplied in kits ready to install. These include detailed instructions and a telephone help-line available if necessary.

Belfarm Electronics provide a prompt, low cost installation service in the South Island, elsewhere by arrangement.

Most systems are custom built therefore variations to standard equipment and requests can be accommodated to suit your requirements.

Trade Inquiries Welcome.

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