



Mini MAIT Radios



Mini MAIT Monitoring & Control Field Radios are the perfect solution for:

- applications involving single valves
- where trenching is hazardous, costly or not practical
- easily and very affordably adding monitoring sites to existing MAIT systems

Each mini radio can control one 12VDC latching solenoid and two sensors or multi-depth capacitance moisture probes, and can be used for pump control and automation.

Mini MAIT Radios are an extremely cost-effective solution for irrigation monitoring and/or control. They are an ideal option where cabled systems are impractical.

These wireless units have wide functionality, are flexible and easily integrate with your existing MAIT systems — and at very low costs. When it suits your business needs, upgrading them is simple.

No trenching

While cabled solutions are efficient, actually trenching and laying cable can be expensive. Avoiding trenches by using wireless Mini MAIT Radios has these benefits:

- eliminates the possibility of damaging existing underground assets such as pipes and other cabling
- no “bumps” in paddocks that never quite settle
- is a practical and cost-effective wireless alternative

Easy fault finding

Fault finding with Mini MAIT Radios is simple: if a valve stops working, you instantly know which site it is; there's no time lost in tracing the fault, or in checking many metres of buried cable to find the break.

Simple maintenance

With everything above ground, and easy to get to, maintenance with Mini MAIT Radios is fast and straightforward.



“Our customers are our best advertisement”
www.mait.com.au

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Mini MAIT Radios are available in a range of configurable models for various uses:

Model C

- 2-port field logger and single-port solenoid driver; similar functionality to 4270 cards
- reads 2 sensors or multi-depth capacitance probes
- drives: 1 latching solenoid, 2 relays, 1 flood gate/actuator or 1 pump start
- integrates with your existing network
- transmission range: 5-8km (further with higher gain antenna)
- each unit can operate as a repeater for larger networks
- requires large battery and solar panel or mains power adapter

Model E

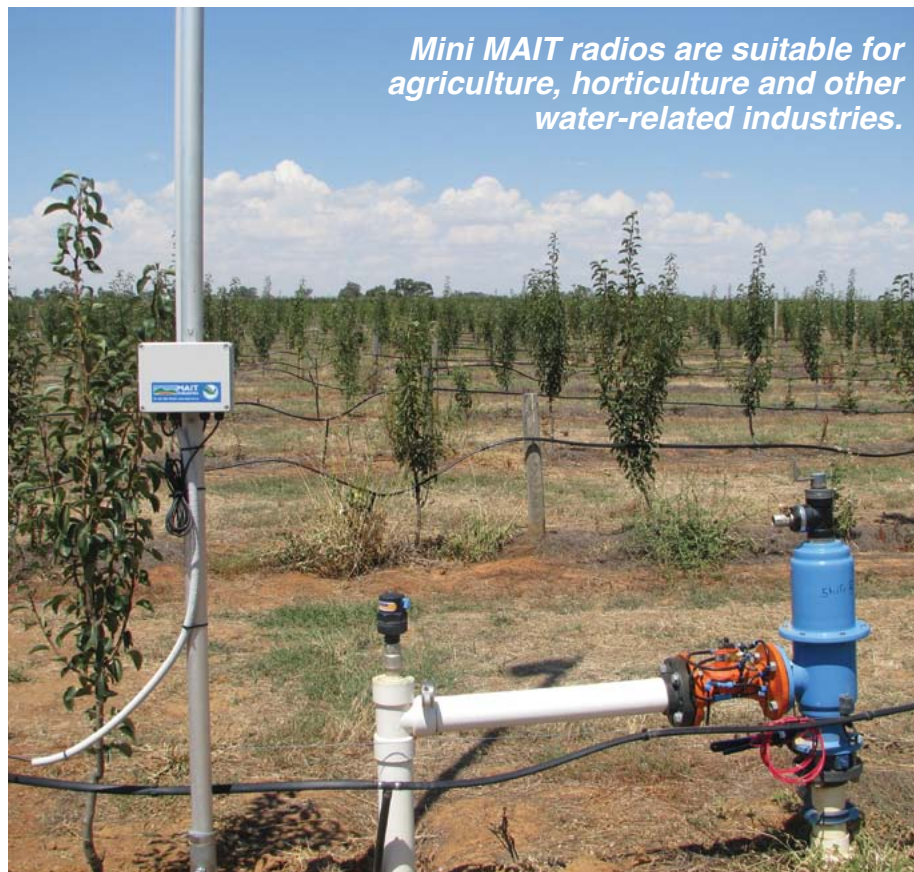
- 2 port analogue output card and single port solenoid driver
- configurable voltage, current or digital outputs
- pump power control
- also drives: 1 latching solenoid, 2 relays, 1 flood gate/actuator or 1 pump start
- transmission range 5-8km (further with higher gain antenna)
- each unit can operate as a repeater for larger networks
- requires large battery and solar panel or mains power adapter



Our R&D is working on expanding these current models.

Model L

- 2-port, stand-alone data logger
- operates on 6 x AA batteries
- real-time hardware clock
- reads 2 multi-depth capacitance probes or 2 sensors, including weather station and other irrigation or environmental sensors
- field upload options or remote web-data collection, with the addition of a solar panel kit and modem kit
- upgradable for wireless network integration with an additional solar panel kit



Mini MAIT radios are suitable for agriculture, horticulture and other water-related industries.

Trenching and laying cable can be expensive, is often not practical, and can be risky in case existing pipes and other cabling are hit.

The Mini MAIT system is a practical and cost-effective wireless alternative.

Stand-alone cable-replacement units

MAIT's cable-replacement **Model T** (transmitter) and **Model R** (receiver) can take a signal at one point and replicate the signal at a remote point. For instance, a switch closure at one location can activate a relay (or valve or pump) at a remote location. A 4-20mA sensor can be read at one location and that same 4-20mA signal will be reproduced at the receiver.

These units are stand-alone. They are not a part of an iNTELLiTROL network and work on any brand of equipment, wherever the need arises to read or control a remote sensor or device.

AUTHORISED DEALER



**Monitoring & Control Solutions
Agriculture • Turf • Environment**