

openTrax

RTU

Limitless Connectivity

Control your irrigation valves wirelessly with **openTrax**, Agrotecna's RTU. Simplify automation setup by drastically reducing the amount of wiring or microtubing, and make system maintenance easier.



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Technical Specifications

The **openTrax RTU** system provides **wireless control** of up to **4 two-wire latch solenoids per unit** ideal for uneven terrain or locations where laying microtubing is challenging. Each RTU can operate as a repeater, helping to **overcome natural obstacles** that interfere with radiofrequency signals. Being **bidirectional**, the system allows users to know the **real-time status of each unit at all times**. Configuration is done from an Android device via the **Agrotecna OpenBT** module.

Valve control: Controls up to 4 independent valves using two-wire latch solenoids.

Configuration and testing: Via Android app through Bluetooth connection.

Repeater mode: Can be configured to extend range by acting as a signal repeater.

Frequency: Available in all telemetry-authorized bands across the Americas.

Power supply: 10W x 12V solar panel and 12V x 4 A/H rechargeable battery.

Signal range: Up to 3km with standard antenna, up to 6km with fiberglass antenna.

Pump control: Allows pump operation with auto shut-off in case of signal loss.

Enclosure: Available pre-assembled or as a kit. Includes IP67-rated weatherproof enclosure.



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