



Radio Piccolo XR & PIU

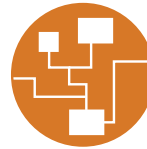
Advanced Remote Terminal Unit (RTU) for the IRRInet System



Agricultural Irrigation



Turf & Landscape



Water Supply

RADIO PICCOLO XR & PIU

The Piccolo XR is a small sized wireless Remote Terminal Unit that operates as an integral part of the IRRInet system. The Piccolo XR operates up to 4 latched outputs and may receive up to 7 digital inputs (model dependent).

The PIU (Piccolo XR Interface Unit) is connected to the IRRInet Field Unit, and communicates with Piccolo-XR units via its internal two-way low-power radio.

The Piccolo XR and PIU are equipped with internal 10/100mWatt radios (configurable).

In order to extend radio coverage the Piccolo XR is capable of operating in a networking mode using numerous hops.



FEATURES AND BENEFITS

Frequency range (PIU and Piccolo XR)

- 430-450MHz
- 450-470MHz

PIU - I/O capacity

- Up to 248 inputs and 248 outputs
- Internal UHF two way radio
- RS232 communication to IRRInet field unit
- RS485 communication to IRRInet field unit

Piccolo XR and PIU Power Supply

- External 6VDC for Piccolo XR
- 6 to 12VDC for PIU

Available I/O models

- 1 DI / 1 DO
- 2 DI / 2 DO
- 4 DI / 4 DO
- 7 DI / 1 DO

Environmental Conditions

Operating temperature: -30° C to + 60° C (-22° F to + 140° F)
Ethernet 10 Mb/s

System Topology

MANAGEMENT & CONTROL CENTER



FIELD UNITS



IRRInet ACE / XL



IRRInet M

REMOTE I/Os



2-Wire AC Decoder



Single Cable Piccolo RTU



IRRInet M (Slave)



Piccolo XR

■ Take Control!

Mottech is a worldwide master distributor of Motorola's IRRInet systems

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