

PRO MAXTM HANDHELD REMOTE CONTROL

REMOTE CONTROL



The Pro MaxTM Remote Control System eliminates lost time and energy roaming between the field and the controller. It makes light work of system inspections and service work, providing field personnel with complete control over any compatible irrigation controller. At nearly a mile away the operator can activate a single or multiple stations with the push of a button, permitting immediate observation of system operation and performance. The controller access code feature permits independent control of up to 999 controllers with permanent mount receivers.

KEY FEATURES & BENEFITS

COMPLETE REMOTE CONTROL KIT IN A CARRYING CASE

Includes transmitter, receiver, connector & cable assembly and a user's guide in one convenient, portable case

OPERATES WITH SEVERAL SERIES OF IRRITROL & OTHER MANUFACTURERS' 24V ac CONTROLLERS (PROMAX-UA VERSION ONLY)

Allows maintenance control for a wide variety of controllers

UP TO 1 MILE RANGE (LINE-OF-SIGHT)

Provides operating range for larger projects

ADDRESSES UP TO 999 INDIVIDUAL CONTROLLERS

Allows transmission of commands to specific controllers even though others are within range in permanent mount applications

REMOTELY CONTROLS UP TO 200 STATIONS

Permanent mount or portable models available

QUICK CONNECTION/DISCONNECTION SYSTEM

Allows receiver to be easily moved from one controller to another

ADDED FEATURES

- Independent control of master valve and/or pump
- Single or multi-station on capability for testing system hydraulics
- Timed station operation selectable from 1 to 60 minutes.
- Turn a program on or off (when used with Irritrol Sentar II, Rain Master Eagle, Rain Master Eagle Plus or DX2 controllers)
- Small, compact receiver for permanent internal mount
- Detects (provides an audible alert) and protects against field wiring short circuits
- Receiver has built-in safety default to automatically turn station off after 60 minutes
- Audible transmitter and receiver tones verify proper Pro Max operation at all times
- Audible alarm warns of low power condition
- No fuses required
- Limited two-year warranty
- Utilizes three mechanisms to ensure reliable, interference-free communications:
 - A. Digital filters
 - B. Factory set remote access codes
 - C. Frequency Modulation

PRO MAX UNIVERSAL REMOTE KIT



Includes:

- Transmitter
- Receiver
- Universal adaptor and serial interface cable for any 24V ac controller up to 32 stations*
- Carrying case
- Antennas

*not included in Standard Pro Max

OPERATING SPECIFICATIONS

PRO MAX Receiver

- Operating frequency: 154.600 MHz
- Sensitivity: 0.4 microvolt typical
- Operating temperature range: 32 to 140 degrees F° (0 to 60 degrees C°)
- Storage temperature range: -4 to 158 degrees F (-20 to 70 degrees C°)
- Humidity range: 0 to 90% non-condensing

PRO MAX Transmitter

- Operating frequency: 154.600 MHz
- Modulation type: frequency modulation
- Frequency stability: 005%
- Operating temperature range: 32 to 148 degrees F° (0 to 60 degrees C°)
- Storage temperature range: -4 to 158 degrees F° (-20 to 70 degrees C°)
- Humidity range: 0 to 90% non-condensing

ELECTRICAL SPECIFICATIONS

PRO MAX Receiver

- Power source: 22–32 V ac 50/60 Hz

PRO MAX Transmitter

- Battery: CR-P2 lithium 6V (user replaceable)
- Battery life expectancy: 1 season (typical)

MODELS

Model	Description
PROMAX	Complete remote kit for Rain Master controllers
PROMAX-UA	Complete remote kit for any manufacturer's 24V AC controller

DIMENSIONS

- **PRO MAX Receiver**
L: 6 ¼", W: 3 ¼", H: 1 1/16" (less antenna)
- **PRO MAX Transmitter**
L: 3", W: 1 3/8", H: 5 ½" (less antenna)

OPTIONAL ACCESSORIES AND ADD-ONS

Model	Description
PMR-KIT	Permanently mountable receiver (preset with user defined controller access code)
PM-XMTR	Hand-held transmitter
PM-RCVR	Stand alone receiver
PM-UADAPT	Universal adaptor and cables