



PRO MAX Remote Control Specification

The Pro Max™ Remote Control System is manufactured by Rain Master Irrigation Systems, Inc. The remote control system has the following features and functions:

1. Can be used with any manufacturers' 24 volt controller.
2. Small compact transmitter with belt clip.
3. Auto-up and auto-down operation.
4. Independent control of Master Valve and/or Pump.
5. Single or Multi-station on capability.
6. Timed station operation selectable from 1 to 60 minutes.
7. Control up to 999 individual receivers from a single transmitter.
8. Turn a program on or off (when used with RME Sentar, RME Hawk, or Evolution DX2 controllers).
9. Small, compact receiver for permanent internal mount.
10. Detects (provides an audible alert) and protects against field wiring short circuits.
11. Automatic resetting circuit breakers, no fuses required.
12. Receiver has built-in safety default to automatically turn station off after 60 minutes.
13. Audible transmitter and receiver tones verify proper Pro Max operation at all times.
14. High tech power miser circuitry means no more battery recharging required (no down time).
15. Transmitter has a single replaceable lithium battery that can be purchased locally and field replaced, no battery charger needed.
16. Audible alarm warns of low power condition.
17. All metal construction with shock absorbing bumpers.



18. Water and mud resistant.
19. Comes with a hard cover carrying case.
20. Utilizes three mechanisms to insure reliable, interference communications:
21. Electrical Characteristics:
 - a. Input Power
 - Receiver, 22-32 VAC, 50/60 Hz
 - Universal Adapter, 22-32 VAC, 50/60 Hz
 - Transmitter, 6 volt lithium battery (user replaceable)
 - b. Output Power
 - Receiver/Universal Adapter, 24 VAC, 1.5 Amps maximum total output (36VA), 1 Amp per station or Master Valve/Pump
22. Mechanical Characteristics:
 - a. Pro Max Receiver
 - Dimensions: 6 ¼ inch length x 3 ¼ inch width x 1 1/16 inch height
 - Weight: 11 oz
 - Operating Temperature: 0 to 60 degrees Celsius (32 to 140 Degrees Fahrenheit)
 - Storage Temperature: -20 to 70 degrees Celsius (-4 to 158 Degrees Fahrenheit)
 - Humidity Range: 0 to 90% non-condensing
 - b. Pro Max Universal Adapter
 - Dimensions: 6 ¼ inch length x 3 ¼ inch width x 1 1/16 inch height
 - Weight: 13 oz
 - Operating Temperature: 0 to 60 degrees Celsius (32 to 140 Degrees Fahrenheit)
 - Storage Temperature: -20 to 70 degrees Celsius (-4 to 158 Degrees Fahrenheit)
 - Humidity Range: 0 to 90% non-condensing
 - c. Pro Max Transmitter
 - Dimensions: 3 inch length x 1 3/8 inch width x 5 1/2 inch height
 - Weight: 12 oz
 - Operating Temperature: 0 to 60 degrees Celsius (32 to 140 Degrees Fahrenheit)
 - Storage Temperature: -20 to 70 degrees Celsius (-4 to 158 Degrees Fahrenheit)
 - Humidity Range: 0 to 90% non-condensing