# Irritrol®

# RAIN MASTER®
# EAGLE PLUS™
## CONTROLLER

The Rain Master® Eagle™ Plus (EGP) controller from Irritrol® is the versatile commercial controller you've been waiting for. Previously only available as a Rain Master central control product, this proven platform is now available in standalone configurations through all Irritrol distributors. The EGP user interface is designed for simple, intuitive operation. The multi-line backlit LCD display and omni-directional knob reinforce the idea that the EGP is as simple to program as it is rich in features. The EGP is available in both conventional (up to 48 stations) and 2-wire (up to 200 stations on 100 decoders) in an array of cabinet / enclosure options. With a full 5-year trade warranty, a very competitive price tag and Rain Master iCard (iCentral™) upgrade potential, the Eagle Plus presents the best value for your commercial landscape controller needs.

**WaterSense**
Meets EPA Criteria
Certified by
ICC-ES

**FLEXIBILITY**
Upgrade to iCentral™ internet central control with upgrade of a cellular or Ethernet/wi-fi iCard. Change from many different configurations to dial-in your need

**MORE CONTROL**
Up to 8 programs (conventional) and Up to 16 programs (2-Wire) with 8 start times per program

**ENHANCED USER INTERFACE**
Intuitive operation with multi-line LCD backlit display and simple multi-function input knob.

**HISTORICAL DATA RETENTION**
Previous 14 days of ET values, last 25 executed program cycles and 220 Smart Alerts and alarms.

**RAIN MASTER TWICE™ 2-WIRE (AC)**
Unlike other 2-wire systems, the Rain Master TWICE protocol provides a 2-way communication link between the controller, decoder and valves

**VALUE**
Rain Master Eagle™ Plus is priced to make your decision easy.

**SECURE**
Optional pass code lockout

**INDUSTRIAL STRENGTH**
Topline surge protection and all-metal (locking) enclosure options

## RAIN MASTER® EAGLE™ *PLUS* FEATURES

- Enhanced user interface
- Up to 8 programs with conventional/16 programs with 2-wire
- Flow sensing (x2)
- Dedicated sensor input
- Advanced lightning/Surge protection
- iCentral™ compatible for full internet control
- Self diagnostic and monitoring suite
- Automatic fuse/circuit reset
- Pro Max™ direct port
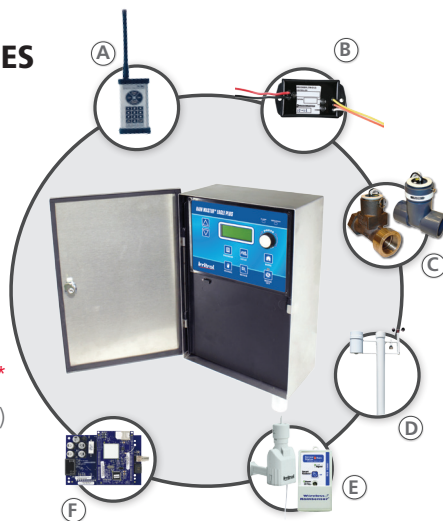- 5-year limited warranty

### OPERATING SPECIFICATIONS

- Station run time: up to 24 hours
- 8 start times per program
- Programing features:
  - Skip day
  - Cycle & soak
  - Odd/Even day watering
  - Skip day
  - 14-day calendar
  - Water budgeting
- Station delay up to 20 minutes
- Pump activation independant of MV
- Programmable MV

### ELECTRICAL SPECIFICATIONS

- Input power required: 105-130 V AC, 50/60 Hz, 5 amp maximum, 1 amp idle
- Output power required: 24 V AC 1.5 amps maximum total output or (36 VA) 1 amp per station or master valve
- UL, CUL, and FCC approved

## MODELS

| Model | Description |
|---|---|
| EGP8 | 8-station expandable, wall mount coated steel |
| EGP8-S | 8-station expandable, wall mount stainless steel |
| EGP8-PPED | 8-station expandable, plastic pedestal |
| EGP8-SPED | 8-station expandable, Rain Master stainless steel security pedestal* |
| EGP-TW | 2-wire, steel wall mount |
| EGP-TW-S | 2-wire, stainless steel wall mount |
| EGP-TW-SPED | 2-wire, Rain Master stainless steel security pedestal* |

### DIMENSIONS

- **Wall Mount Model:** H: 10¾", W: 9¾", D: 5¾"
- **Pedestal Model:** H: 23", W: 10½", D: 5¼"

### SPECIFYING INFORMATION

EGP – X – XXXX

| MODEL | STATIONS CONFIGURATION | ENCLOSURE |
|---|---|---|
| EGP8<br>EGP | **8**-station convetional<br>**TW** = 2-Wire | **BLANK** = Painted<br>**S** = Stainless wall mount<br>**PPED** = Plastic pedestal<br>**SPED** = 14 gauge stainless steel pedestal<br>**PSB** = 16 gauge stainless steel pedestal |
| EGP8-OPB | **8**-station module | |

Example: A 24-station Eagle Plus in a premium stainless steel pedestal = **EGP8-SPED + (2)EGP8-OPB**

### RAIN MASTER TWICE™ 2-WIRE

- Provides 200 station two-wire capability for the Rain Master Eagle Plus
- Intelligent "Plug-n-Play" Modular design

## OPTIONAL ACCESSORIES

- (A) Pro Max™ receiver kit
- (B) TWICE™ AC decoder kit
- (C) Irritrol® flow sensors
- (D) RM-WETHR-ETRS: Weather station for direct ET measurements
- (E) RS/RFS1000
- (F) EGP-ICENTRAL/EGP-ETHER**
- • 8-station module (EGP8-OPB)



\* All-SPED controllers are built to order in Riverside CA. Please allow up to 10 days for delivery

\*\* Only available in selected distribution

## TWICE™ 2-WIRE DECODERS

- Part Numbers:
  - TW-D-1: For single valve control
  - TW-D-2: For dual valve control
  - TW-D-4: For quad valve control
- Easy-to-read LED status indication for every command
- LED also displays valve activation and diagnostic reporting
- Troubleshooting capabilities:
  - LED decoder "active" indication
  - LED valve power "on" indication
  - Two-way communication verification
- Each decoder has unique address
- Decoders will automatically shut off if communication is lost
- Valves can be operated up to 100' radius from the decoder

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