

SOLID - STATE

MC PLUS SERIES

CONTROLLERS



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Setting the industry standard for programming flexibility and reliable performance, Irritrol Systems' MC Plus Series of solid-state controllers offers a variety of advanced features and scheduling options to meet the specific needs of almost any application.

Available in four- to 42-station models, this proven family of controllers features four independent programs, a programmable calendar of up to 16 days and flexible station watering times from one minute to 24 hours.

With a proven track record of reliable operation, the MC Plus controllers offer non-volatile memory that holds the schedule indefinitely during power failures, a self-diagnostic circuit breaker and advanced surge protection.

MC Plus controllers — the ultimate in versatility.

**Irritrol**<sup>®</sup>  
SYSTEMS

**MC PLUS SERIES**

**C O N T R O L L E R S**

**4, 6, 8, 12, 18, 24  
30, 36 and 42**  
station models (outdoor)

**Features**

**Flexible Programming**

- Four independent programs offer concurrent operation capability
- Programmable calendar up to 16 days
- Station run times from one minute to 24 hours in one-minute increments
- Station run times from one second to 24 minutes (program 4 option)
- Three start times per day (programs 1, 2 and 3), two start times per day (program 4) for up to 11 daily start times
- Cycle looping with cycle delay (program 4 option)
- Start-time stacking within each program
- Programmable delay between stations from one second to four minutes
- Water budgeting
- Single program option for seasonal pre-programming

- Programmable “Rain Off” up to seven days
- Remote ready

**Easy Operation**

- Automatic, semi-automatic, timed-manual and manual operation
- Cables disconnect from terminal strip board for easy installation and maintenance (18- to 42-station models)
- Simple program review
- “All Stations” watering time entry capability
- Programmable “Valve Test” function runs each station sequentially from one to nine minutes without affecting program
- LEDs indicate station operation
- Alarm signals incomplete programming

**Quality Enhancements**

- Self-diagnostic circuit breaker identifies and overrides an electrical malfunction of a valve
- Non-volatile memory will hold program during power failures of any duration
- Battery backup keeps accurate time for up to 30 days during power failures

- Optimum two-stage primary and secondary surge protection
- Two separate sensor hookups for cycle start/stop
- Weather-resistant steel, locking cabinet with an internal transformer
- UL and CSA listed

**Electrical Specifications**

- Transformer input: 120 VAC, 60 Hz
- Transformer output: 24 VAC, 2.08 amps
- Maximum output per station: 24 VAC, 1.24 amps
- Maximum output to valves: 24 VAC, 1.80 amps (including master valve)
- Time-keeping power failure backup: 9-volt alkaline battery (not Included)

**Dimensions**

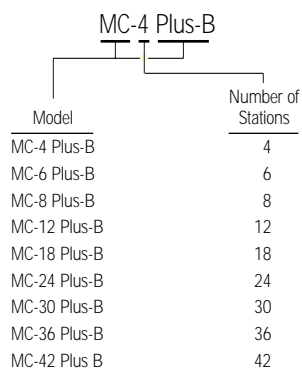
4- to 12-station Models    18- to 42-station Models

Height: 9 ¾”    Height: 12”  
Width: 10 ½”    Width: 14 ¼”  
Depth: 4 ¼”    Depth: 4 ¾”

**Optional Accessories**

- Pedestal Mounts (P-2B: 4- to 12-station models; P-6B: 18- to 42-station models)

**MODELS HOW TO SPECIFY**



BEYOND THE EXPECTED

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