

MSC+ Controllers

The Most Advanced Modular Controllers Available

Features and Benefits

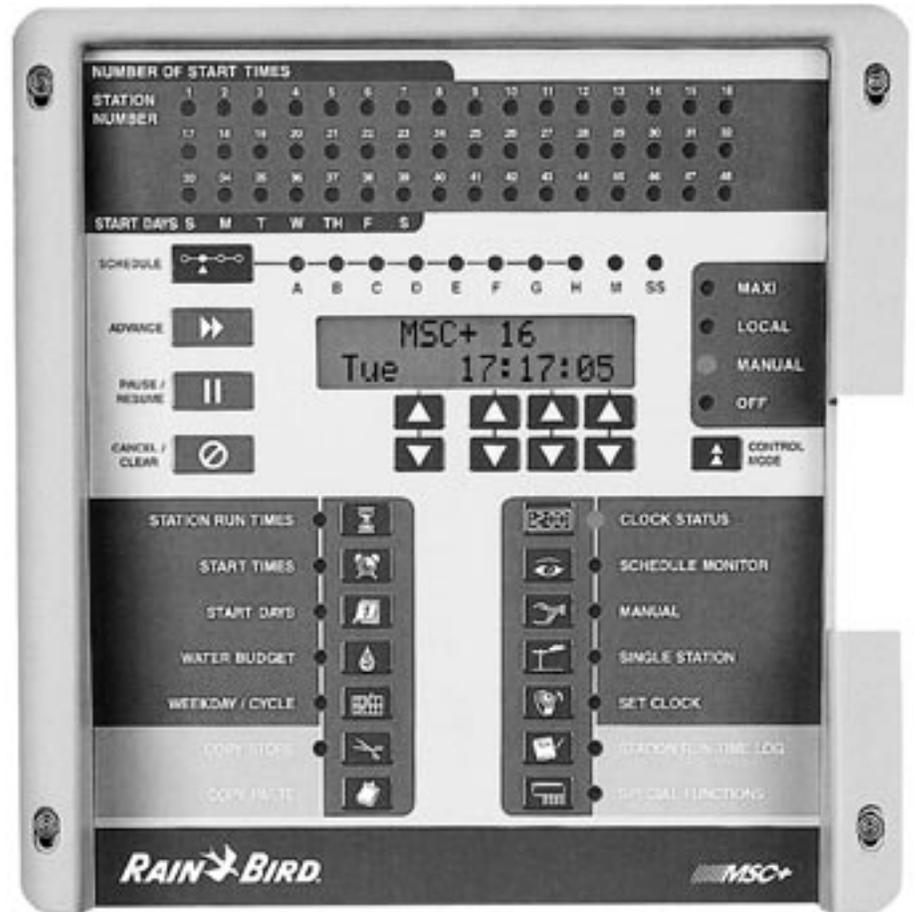
- **Easy Operation:** Minimizes training requirements with easy-to-use features
- **Quality Construction:** Provides years of dependable service
- **Universal Design:** Simplifies installation
- **Station Location Assignment:** Automatically registers the location of each station
- **Station Run-Time Log:** Provides better documentation
- **Up to 16-Solenoid Simultaneous Operation:** Decreases watering run times in 60 Hz applications
- **Modular Design:** Allows easy installation of just the right amount of control
- **Upgradable Design:** Economically adds performance to existing controllers
- **Standard Station Switches:** On Output Station Modules

Multiple Schedule Clock (MSC) Controllers were once the benchmark by which all other controllers were measured. That's all changed with the MSC+ Controller. With the same proven reliability as the original, MSC+ delivers the added flexibility of modular controls. As a stand-alone unit or as part of a central control system, the MSC+ offers the most advanced diagnostics and solid-state features of any controller on the market.

Detailed Controls Simplify Programming

One glance at the face of the MSC+ Controller provides all the critical information you need. With a large, backlit, 16-character liquid crystal display (LCD) panel and 48 light emitting diodes (LEDs), the MSC+ is very easy to read no matter what the lighting conditions.

Seventeen large, raised control buttons with colorful, descriptive icons make programming easy—even for the novice. Unlike many other systems, the MSC+ allows you to assign the location of each station for quick and easy reference. Lights indicate active schedules and central control status while the “COPY

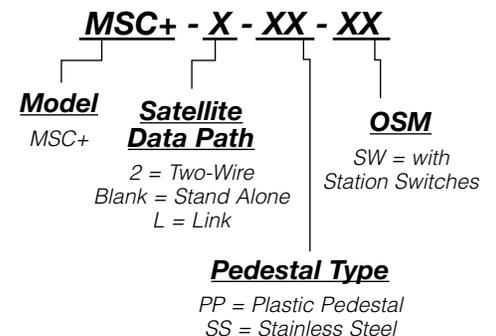


PASTE” function eliminates unnecessary duplication of programming commands. An angled keypad further aids visibility and facilitates water drainage.

Expanded Features Offer Unmatched Watering Precision

The MSC+ Controller allows you to program eight automatic schedules, one manual schedule and up to 48 single-station schedules. The system also allows you to operate more than one schedule at the same time. With the MSC+ you can run 16 solenoids simultaneously in 60 Hz applications—the highest maximum of any controller. The station run-time log also thoroughly documents all station activity.

How to Specify/Order:





The intelligent modular design allows you to quickly and easily upgrade your system in the field.

The Most Advanced Diagnostics In The Industry

The "smart-system" diagnostics of the MSC+ reduce costly downtime and alleviate much of the troubleshooting with built-in diagnostics. The system allows you to easily isolate any problem between the main control unit and the external interface board for quick repairs. With advanced sensor management, the MSC+ Controller detects electronic overloads before they occur and automatically corrects for the conditions that cause them. On other systems, the circuit breaker would be tripped and your irrigation schedules would stop.

Increase Your Capabilities With Central Control

Now you have a choice. If you're looking for the most advanced capabilities in a stand-alone controller, feature-for-feature nothing beats the MSC+. If the precision of a Rain Bird Central Control System is what you're after, the MSC+ satellite can also deliver. By simply adding a module to your MSC+ Controller, you'll be ready for the most advanced irrigation management on the market.

Modular Configuration Allows Easy Expansion

The MSC+ Controller has a flexible, modular design. The MSC+ base configuration of 16 stations can be easily upgraded to 48 stations in 8-station increments. By simply adding 8-station output station modules (OSM-S) you can expand your MSC+ Controller capabilities to accommodate 24, 32, 40 or 48 stations.

Universal Performance Simplifies Installation And Operation

The intuitive MSC+ Controller reduces installation and training hassles with its many universal features. For quick electrical hook ups, the system automatically senses and adjusts for either 50 Hz or 60 Hz current; while one transformer accommodates 100V/120V, 220V or 230/240V. The MSC+ Controller also displays system activities and accepts user input in eight different languages. The icon-driven controls and multilingual display eliminate confusion and translation problems.

Purchase The Appropriate Performance

The MSC+ Controller is available with 16, 24, 32, 40 and 48 stations and as a two-wire or wireless (LINK) satellite. If more stations are required, you can simply purchase additional 8-station plug-in output station modules (OSM-S) for up to 48 stations per controller. Then choose the rugged good looks of either the new plastic (PP) pedestal or the stainless steel (SS) pedestal. All pedestals will stand up to years of inclement weather and hard use.

The MSC+ Controller is available in stand-alone, two-wire and LINK (wireless) configurations with a stainless steel or a plastic pedestal. Station switches are optional for all models.

Buy only the performance you need and increase your performance at any time.

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