

TORO

Count on it.

Junior™ MAX

Micro-Irrigation



Application:

The Junior MAX controller offers affordable simplicity. Featuring a host of attractive features, it is the ideal controller for greenhouse and nursery applications.

The Junior MAX features simple, self-guided programming that prompts users through numerous scheduling options. Three independent programs allow full flexibility in scheduling for fogging, misting and propagation through an easy-to-program looping feature.

This innovative controller provides a cost effective way to meet the requirements of greenhouse and nursery producers. The Junior MAX sets a new standard in economy and flexibility.

Features:

- Three independent programs with start-time stacking
- **Program C can be set to a looping function**
 - Unlimited starts in looping mode
 - Looping can be set in seconds and minutes
 - Ideal for fogging, misting, or propagation
- Automatic, semiautomatic (to manually start pre-set programs) and multi-manual station operation
- “Self-guided” programming prompts user through irrigation schedules
- Multiple watering day options:
 - 365-day calendar for true odd/even date watering
 - Days-of-the-week watering schedule
 - Watering day interval (skip days) 1-7 days
- Built-in rain delay
- Rain sensor terminals
- “Arm Chair” programming allows programming without AC power
- Programmable master valve per program
- Program review feature for quick programming check and operation review
- Electronic circuit breaker protection
- Real-time battery backup maintains accurate time (battery not included)
- On-board coin battery maintains program up to five years
- Automatic safety backup program
- Multiple language labels (overlays in English, Spanish or French)
- Cover protects large LCD display
- Two-year warranty



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Operating Specifications:

- Station run times:
 - 1 minute to 4 hours in 1-minute increments
 - Looping program can be set in seconds
- Start times:
 - Three starts for programs A and B, one start for program C in regular mode
 - Unlimited starts in looping mode
- Watering schedules:
 - 365-day calendar, 7-day calendar, interval, odd/even date
- Water budgeting:
 - 0–200% in 10% increments

Electrical Specifications:

- Transformer input:
 - 120 V ac, 60 Hz
- Transformer output:
 - 24 V ac, 500 mA
- Maximum output per station:
 - 24 V ac, .25 amp
- Maximum total output:
 - 24 V ac, .5 amp
- Capacity: One station valve
 - plus a master valve or two station valves on at a time

Dimensions:

Height: 4 $\frac{7}{16}$ " (113mm)
 Width: 5 $\frac{7}{16}$ " (138mm)
 Depth: 1 $\frac{5}{8}$ " (42mm)

How To Order:

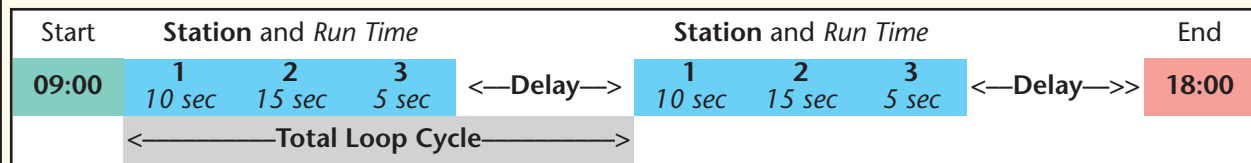
Example:

A-JRMAX-	6	-120-EXT
Model	Number of Stations	Mount Options
A-JRMAX-4-120-EXT	4	Outdoor
A-JRMAX-6-120-EXT	6	Outdoor
A-JRMAX-8-120-EXT	8	Outdoor



Loop Function Detail

The looping schedule can be programmed to start and stop at specific times of the day. Within this looping schedule, you can program individual station run times, and the total time it takes to complete one loop cycle. This loop cycle time defines the loop delay. The cycle will repeat continuously between the start time and the end time.



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