



ESP-LXME Controller

8 to 48 Station Capable Commercial Controller



ESP-LXME Controller

- Simple - ESP Extra Simple Programming
- Modular - Easily expandable from 8 or 12 stations to 48 stations with 4-, 8-, and 12-station modules
- Upgradeable to Smart Controller or Central Control

Features

- Large LCD display with easy to navigate softkey user interface
- Hot-swappable modules, no need to power down the controller to add/remove modules
- Dynamic station numbering eliminates station numbering gaps
- Weather Sensor input with override switch
- Master valve/pump start circuit
- 6 user-selectable languages
- Non-Volatile (100- year) program memory
- Standard 10kV surge protection
- Front panel is removable and programmable under battery power
- Upgradable to IQ v2.0 central control, see page 144

Water Management Features

- Optional Flow Smart Module™ with Learn Flow utility and flow usage totalizer
- FloWatch™ protection for high and low flow conditions with user defined reactions
- FloManager™ manages hydraulic demand, making full use of available water to shorten total watering time
- SimulStations™ are programmable to allow up to 5 stations to operate at the same time
- Station sequencing by station numbers or station priorities
- Water Windows by program plus Manual MV Water Window
- Cycle+Soak™ by station
- Rain Delay
- 365-Day Calendar Day Off
- Programmable Station Delay by program
- Normally Open or Closed Master Valve programmable by station
- Weather Sensor programmable by station to prevent or pause watering
- Program Seasonal Adjust
- Global Monthly Seasonal Adjust



12-Station, 8-Station, and 4-Station Modules



The Contractor Default Delayed Recall feature automates the change back to a normal irrigation schedule after heavier watering of new seed or sod – with no user input necessary.

Diagnostic Features

- Alarm light with external case lens
- Electronic diagnostic circuit breaker
- Program summary and review
- Variable test program
- RASTER™ station wiring test

Operating Specifications

- Station timing: 0 min to 12 hrs
- Seasonal Adjust; 0% to 300% (16 hrs maximum station run time)
- 4 independent programs (ABCD)
- ABCD programs can overlap
- 8 start times per program
- Program Day Cycles include Custom days of the week, Odd, Odd31, Even, & Cyclical dates
- Manual station, program, test program

Electrical Specifications

- Input required: 120 VAC \pm 10%, 60Hz (International models: 230 VAC \pm 10%, 50Hz; Australian models: 240 VAC \pm 10%, 50Hz)
- Output: 26.5 VAC 1.9A
- Power back-up: Lithium coin-cell battery maintains time and date while nonvolatile memory maintains the programming
- Multi-valve capacity: Maximum five 24 VAC, 7VA solenoid valves simultaneous operation including the master valve, maximum two solenoid valves per station
- Certifications
 - UL, cUL, CE, CSA, C-Tick, FCC Part 15

Dimensions

- Width: 14.32 in. (36,4 cm)
- Height: 12.69 in. (32,2 cm)
- Depth: 5.50 in. (14,0 cm)

Optional Accessories

- LIMR-Kit: LIMR remote control Kit for Rain Bird Controllers (see page 133)
- LXMM: Powder-Coated Metal Cabinet for ESP-LX Modular (see page 140)
- LXMMPED: Powder-Coated Metal Pedestal for ESP-LX Modular (see page 140)
- ETC-LX: ET Manager Cartridge (see page 132)
- IQ Communication Cartridge (see page 146)
- See page 135 for information on Rain Bird FS-Series Flow Sensors

Models

- Controller Base Models
 - ESP8LXME: 8-station, 120 VAC
 - ESP12LXME: 12-station, 120 VAC
 - I8LXME: 8-station for international markets, 230 VAC
 - I12LXME: 12-station for international markets, 230 VAC
 - I8LXMEEU: 8-station for Europe, 230 VAC
 - I12LXMEEU: 12-station for Europe, 230 VAC
 - I8LXMEAU: 8-station for Australia, 240 VAC
 - I12LXMEAU: 12-station for Australia, 240 VAC
- Models with Flow Sensing
 - ESP8LXMMEF: 8-station, 120 VAC
 - ESP12LXMMEF: 12-station, 120 VAC
 - I8LXMMEF: 8-station for international markets, 230 VAC
 - I12LXMMEF: 12-station for international markets, 230 VAC
 - I8LXMMEUF: 8-station for Europe, 230 VAC
 - I12LXMMEUF: 12-station for Europe, 230 VAC
 - I8LXMMEAUF: 8-station for Australia, 240 VAC
 - I12LXMMEAUF: 12-station for Australia, 240 VAC

Modules

- ESPLXMSM4: 4-station module
- ESPLXMSM8: 8-station module
- ESPLXMSM12: 12-station module
- FSMLXME: Flow Smart Module



ESP-LXME
Controller in
Optional LXMM
Metal Cabinet

Optional LXMMPED
Metal Pedestal