

ESP-LXME CONTROLLER

24V Traditional Controller Satellite for IQ Cloud Platform

- Upgrade your controller to IQ Cloud Platform
- Simply add a Network Communication Cartridge (GPRS, wifi or Ethernet) and sign up on www.rainbird.eu
- Benefit immediately from IQ Cloud and IQ Mobile for smartphone and tablets



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FEATURES

- Large LCD display with easy to navigate softkey user interface
- 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

PROGRAMMING FEATURES

- SimulStations™ are programmable to allow up to 5 stations to operate at the same time
- 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
- Station timing: 0 min to 12 hrs
- Delay between stations : from 1 sec to 9 hours
- 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

WATER MANAGEMENT

FEATURES

Optional Flow Smart Module™ adds flow sensing functionality:

- The Flow Smart Module sensor input accepts a direct input from a flow sensor with no flow scaling device required.
- The FloWatch Learn Flow Utility learns the normal flow rate of each station. FloWatch compares the current real-time flow rate to the learned rate and takes user defined actions if high flow, low flow, or no flow is detected. FloWatch automatically determines the location of the flow problem and isolate the problem by turning off the affected station or master valve. FloWatch is compatible with both normally closed and open master valves.
- A Manual Master Valve Water Windows is provided to coordinate day time manual watering with the flow sensing. This Water Windows offers programmable days of the week and manual watering additional

SPECIFICATIONS

- Dimensions (WxHxD): 36,4 x 32,2 x 14,0 cm
- Input required: 230 VAC ± 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

MODELS

I8LXMEEU: 8-station Base controller
IESPLXMEEU: 12-station Base controller, with Flow Smart Module
FSM-LXME: Flow Smart Module

OPTION

• IQ FSCM-LXME Flow Smart Connection Module

- provides IQ net high-speed data cable connections for ESP-LXME controller
- includes Flow Smart Module and Base Module functions
- replaces standard ESP-LXME Base Module

• IQ TBOS Master Radio Module

- IQ TBOS Master Radio Module is installed in an ESP-LX series server satellite controller to remotely controlled TBOS/TBOS-II Control Modules in the field.
- It provides:
 - serial communication with Network Communication Cartridge (send and receive data from remote PC)
 - radio communication with max. 15 TBOS Radio relays.
 - radio communication with max. 32 nearby TBOS-II radio adaptors.
 - sensor alarm management.
- installed in one of the 4 ESP-LX station Module slot (max. one per controller)
- radio communication operates on license free ism bands.
- a TBOS net radio network consists in one (1) Master Radio Module, zero (0) to fitting (15) TBOS Radio Relay(s) and one or several TBOS-II Radio adapter.
- an IQ TBOS Master Radio Module enables remote control of 32 TBOS/TBOS-II control modules within its radio range.