



New in 2011 !

ESP-LXD Decoder Controller

Two-wire Controller with Flow Management

- The ESP-LXD controller has been designed to maintain the look, feel and ease of programming of the ESP-LXM controller but with an interface to a two-wire path for decoder-based irrigation.
- The ESP-LXD controller can manage up to 50 stations but can easily be expanded for use with up to 200 stations.
- Flow Management is also built in to every ESP-LXD controller.

CONTROLLER FEATURES

- UV-resistant, outdoor-rated plastic, locking, wall-mount case
- Supported decoders: FD-101, FD-102, FD-202, FD-401, FD-601.
- Also supports SD-210 sensor decoders (flow sensing and weather sensor support) and LSP-1 line surge protectors (one per 150 m of two-wire path required)
- User-selectable six language
- Support 50-station capability standard expandable via 75-station modules to 200 stations
- Four sensor inputs (one wired plus up to three decoder-managed) with override switch
- Programs can be backed up and restored with the optional PBC-LXD

WATER MANAGEMENT FEATURES

- Built in to every ESPLXD module is Rain Bird's Flow Smart software for flow management – simply attach 1 to 5 SD-210 sensor decoders and flow meters (not included) to the two-wire path, and the controller will do the rest. A wide variety of flow functionality is available, including user-adjustable Seek and Eliminate Low Flow (SELF) and Seek and Eliminate Excessive Flow (SEEF) capability to allow you to rest easy knowing that in the event of an unusual flow situation, such as a mainline break, your controller will manage the situation for you.
- Cycle+Soak™ by station
- Rain Delay
- Calendar Day Off
- Programmable Delay Between Stations by program
- Master Valve programmable by station
- Sensor programmable by station
- Alarm light with external case lens
- Electronic circuit breaker

- Variable test program
- Two-wire diagnostics to simplify and expedite troubleshooting
- Station timing: 0 min to 12 hrs
- Program level and global Monthly Seasonal Adjust; 0% to 300% (16 hrs maximum station run time)
- 4 independent programs (ABCD); ABC programs stack, ABCD overlap
- 8 start times per program
- Program Day Cycles include Custom days of the week, Odd, Odd no 31st, Even, and Cyclical dates

ELECTRICAL SPECIFICATIONS

- Input required: 230 VAC ± 10%, 50Hz
- Power back-up: Lithium coin-cell battery maintains time and date while nonvolatile memory maintains the schedule
- Multi-valve station capacity: up to 2 solenoid valves per station; simultaneous operation of up to eight solenoids and/or master valves
- Dimensions (WxHxD): 36.4 x 32.2 x 14.0 cm

DIMENSIONS

Width: 36,4 cm
Height: 32,2 cm
Depth: 14,0 cm

MODELS

IESPLXDEU: 230V, include one 50-station module





ESPLXD-SM75 Station Module

APPLICATION

The ESP-LXD controller is capable of managing up to 50 stations right out of the box. If additional station capacity is needed, it can quickly and easily be added through the use of ESPLXD-SM75 station modules, each of which adds an additional 75 stations up to a maximum of 200 stations. The SM75 modules snap onto the controller backplane.

MODEL

ESPLXD-SM75: 75-station module



IQ Central Control Cartridge

APPLICATION

The ESP-LXD Controller can be upgraded to an IQ Satellite Controller with the addition of the U-DTC-LXM Cartridge. The cartridge installs in the back of the controller front panel.

IQ Satellites can be programmed, adjusted, manually operated, and monitored from computers equipped with the IQ Central Control Software.

FEATURES

IQ Satellites can be combined in a Site. Satellite programs within a Site can be adjusted by Seasonal Adjust % or ET. Programming Dry-Run visually displays the minute-by-minute flow rate and program start and end time.

Communication options include:

- Direct Connect Cable
- Phone (Telco)
- Cellular (GPRS)

MODELS

U-DTC-LXM-PR: Phoen + RS232 Communication
U-DTC-LXM-R : RS232 communication only

