RAIN BIRD.

ESP-LXD Decoder Controller
50 – 200 station capable Two-Wire Decoder Commercial Controller

Controller Features

- 50-station capability standard expandable to 200 stations with optional ESPLXD-SM75 modules
- Four available sensor inputs (one wired plus up to three decoder-managed) with override switch
- Five flow sensors supported
- Supported decoders: FD-101TURF, FD-102TURF, FD-202TURF, FD-401TURF, FD-601TURF
- Supports SD-210TURF sensor decoders (flow sensing and weather sensor support) and LSP-1 line surge protectors (one per 500 feet of two-wire path required)
- Central Control capable with Rain Bird IQ Communications Cartridges and software (see pg. 112)
- Advanced Features From Cycle+Soak™ to Contractor Default Program™, the ESP-LXD offers innovative features proven to cut installation expenses, troubleshooting time and water use
- Program backup and barcode decoder address entry with the optional PBCLXD
- Six user-selectable languages
- Removable front panel is programmable under battery power
- Plastic, locking, UV resistant, wall-mount case , Optional Metal and Stainless Steel Case & Pedestal
- Compatible with Rain Bird Landscape Irrigation and Maintenance Remote - Flow Smart Module™ factory installed or field upgradable
- Plastic, locking, UV resistant, wall-mount case, Optional Metal and Stainless Steel Case & Pedestal

Operating Specifications

- 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
- Manual station, program, test program

Certifications

- cULus, CE, IPX4. For current certifications visit: www.rainbird.com/esplxd

Works with iQ4

Allows users to control/ monitor 1 to 1000s of controllers from their computer or mobile device

ESP-LXD Decoder Controller

LXMMSSPED Shown with ESP-LXD in LXMMSS Stainless Steel Cabinet

Controllers

Upgrade Options

- IQ-NCC Network Communication Cartridge
- ESP-LXD-SM75 75-station module
- PBCLXD Programming Backup Cartridge

Electrical Specifications

- Power Supply Voltage: 120 VAC ± 10%, 60Hz (International models: 230 VAC ± 10%, 50Hz; Australian Models: 240 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 (W x H x D)

- 14.32" x 12.69" x 5.50" (36.4 x 32.2 x 14.0 cm)

Model

- ESP-LXD: 50-station, 120 VAC
- IESPLXD: 50-station for international markets, 230 VAC
- IESPLXDEU: 50-station for Europe, 230 VAC
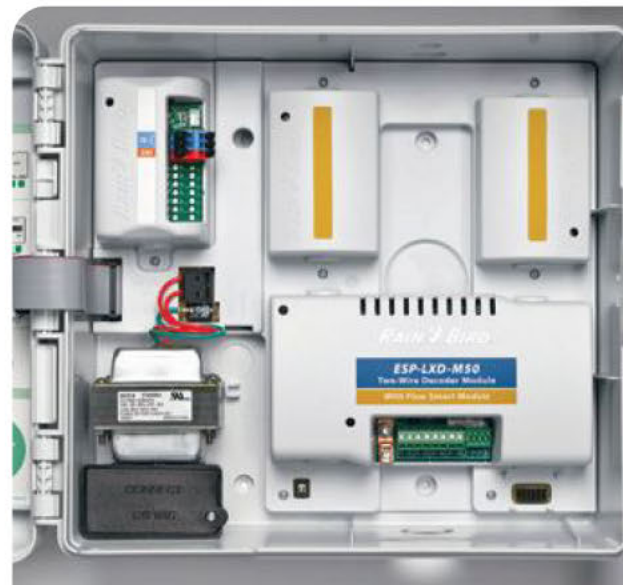- IESPLXDAU; 50-station for Australia, 240 VAC

Accessories

- FD-TURF: two-wire decoders (see pg. 100)
- SD-210TURF: two-wire sensor decoder (see pg. 100)
- LSP1TURF: two-wire line surge protection (see pg. 100)
- DPU-210: two-wire decoder programming unit (see pg. 101)
- Painted Metal and Stainless Steel Pedestal/Enclosure Options available (see pg. 101)
- IQ-NCC: Network Communication Cartridge for ESP-LX Series Controllers (see page 112)
- See page 104 for information on Rain Bird FS-Series Flow Sensors

  [1] FD-TURF decoders include peel-off barcode address labels

  [2] Barcode scanning pen not included – sold separately; Unitech MS100NRCB00-SG recommended (www.ute.com)

For more information call the ESP-LX Hotline: 1-866-544-1406

**ESP-LXD interior
with modules**

Controllers