

# Technical Data

## Rain Bird > Irrigation Programmers

### > ESP-LXD Two-wire Decoder Programmers



	mm
Hei.	322
Wid.	364
Dep.	140

#### DESCRIPTION:

#### 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
- 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
- Compatible with PGA and PEB valves

#### 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

#### Electrical Specifications

- Power supply voltage: 230 V AC  $\pm$  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

#### Certifications

- cULus, CE, IPX4. For current certifications visit: [www.rainbird.com/esplxd](http://www.rainbird.com/esplxd)

Code	Type	Mod.	Install.	Zone
OPG287	ESP-LXD-50	F43120	outdoor	50
OPG288	75 stations expansion module	F43150	ESP-LXD	75
OPG316	IQ GPRS + 1 year + SIM communication module	IQ4613E		

Code	Type	Mod.
OAC208	1 outputs decoder - 1 solenoid station	M61101
OAC212	1 outputs decoder - 2 solenoid station	M61000
OAC209	2 outputs decoder - 2 solenoid station	M61400
OAC210	4 outputs decoder - 1 solenoid station	M61440
OAC211	6 outputs decoder - 1 solenoid station	M61600
OAC206	Pump control decoder	M72000
OAC207	Sensor decoder	M62001
OAC205	Lightning protection line	M98999