



Rain Bird® ESP-LX Modular Controller

Smart Features. Smart Cartridges. Smart Choice.



WEATHER-SMART UPGRADES

A modular controller... far beyond the rest.



✓ **Configurable Station Count**

The ESP-LXM is configurable up to 48 stations. It has four bays that are capable of using 4-station, 8-station or 12-station modules.

✓ **Flexible Programming Options:**

- Cycle+Soak™
- Programmable Valve Delay
- Sensor Override by Station
- Master Valve by Station
- Calendar Day Off
- Total Program and Valve Run Times

✓ **Enhanced Diagnostic Feedback™ with RASTER™ Wiring Test**

Quickly diagnose field wiring and solenoid problems. The external light and display alerts users of conditions that may disrupt irrigation schedules.

✓ **Program Protection**

Store irrigation schedule in non-volatile memory for up to 100 years.

✓ **Removable Battery-Programmable Panel**

For easy programming prior to installation.

✓ **Multi-lingual Interface**

Features English, Spanish, French, German, Italian, and Portuguese.

✓ **Lithium Battery**

Our battery lasts ten full years, saving all user settings so there is no need to return to the jobsite after a power outage.

✓ **Dedicated Sensor Terminal with 24 VAC Power Connection.**



Whether your business is maintaining ten controllers or a hundred, the ESP-LXM's large display and intuitive programming are essential for getting the job done quickly and accurately.

Wayne Whitmill

President, Kettering Irrigation
Kettering, Ohio



What does Rain Bird's ESP-LX Modular have that other modular controllers don't?

Smart Features.

Rain Bird is taking the convenience of the modular controller a step further with the ESP-LXM. Its Smart Features were designed to free you from unnecessary service calls and save you time on installation.

Here's a scenario. The season is changing from Spring to Summer. The weather is getting warmer and that means adjusting your controllers to increase watering levels. With competing modular controllers you would have to drive out to each site and make adjustments manually.

Not with Rain Bird's ESP-LXM. One of our Smart Features is Automatic Seasonal Adjust, which lets you program water adjustments by month for the entire year, and it makes the changes automatically. The result? More time to focus on profitable aspects of your business.

Continue reading to learn more about other Smart Features that set the Rain Bird ESP-LX apart, including the Contractor Default backup program and Program Review.

Smart Features.

- 1 Contractor Default™**
Create a customized default program that can be recalled up to 90 days in the future. This allows a temporary schedule to be created for new seed or a fast fix.
- 2 Extra Simple Programming (ESP)**
Make programming a snap, with a large easy-to-read display plus quick-programming features such as Rain Bird's exclusive Program Review that shows more station settings at once so you can confirm your program faster.
- 3 Automatic Seasonal Adjust**
Program seasonal watering adjustments for the entire year that can take effect automatically. Adjust by month or program number.
- 3 ET Manager Cartridge**
Save money and conserve water by installing the optional climate-based cartridge. It receives hourly, local pages of the weather conditions and automatically adjusts accordingly.



Smart Cartridges.



ET Manager Cartridge

Make your controller weather-smart. The most accurate climate-based device of its kind is now available as a cartridge for the ESP-LXM. Using real-time weather data from local precision weather stations, the ET Manager adjusts watering schedules to save 30-50% of water usage. It's controlled entirely within the ESP-LXM interface so there's no need to program two separate devices.

(for more information visit www.rainbird.com/etmanager)



IQ Cartridge

Gain remote control from your PC. An IQ Cartridge lets you do anything you could do standing at the controller from your personal computer, including manual operation, program adjustment, and even controlling the dial and switch settings. It is the perfect tool to save trips to the job site for the Landscape Maintenance Contractor, Property Manager, or Public Agency managing multiple, single irrigation controller sites. For a free demo CD of IQ software visit www.rainbird.com/esplxm.

Smart Choice.

Compared with competing products, the ESP-LXM is loaded with features that will save you time and money. This comparison shows why the ESP-LXM is the smart choice for your next installation.

Modular Controller Comparison

	ESP-LX Modular	Hunter ICC (Plastic Cabinet)	Toro TMC-424
Automatic Monthly Seasonal Adjust	Yes	No	No
Contractor Default Function	Yes	No	No
Multiple Languages	Yes	No	Yes
ESP (Extra Simple Programming)	Yes	No	No
Large Display	Yes	No	Yes
Program Review Function	Yes	No	Yes
Total Run Time and Valve Run Time Function	Yes	No	No
Calendar Day Off Function	Yes	No	No
Sensor Override Programmable by Station	Yes	No	No



When we were tasked with selecting new controllers for our community parks, we knew we wanted modular controllers because of their flexibility. We chose Rain Bird's ESP-LXM because of its reliability and the added value of Smart Features. In particular, Automatic Seasonal Adjust has been a huge benefit to us. It's saved us hours of trips to the park sites and helped improve our overall efficiency.

Johnnie Mitchell

Recycled Water Manager
Serrano El Dorado Owners' Association
El Dorado Hills, CA

Offering the IQ and ET Manager as cartridges is a great idea. The design will be more compact, and I'm looking forward to faster installations on the ESP-LXM's common programming interface.

Wayne Whitmill

President, Kettering Irrigation
Kettering, Ohio

How to Order:

ESP-LX Modular Controller		Mounting Equipment		
ESPLXM	ESP-LX Modular Controller, 8-Station Outdoor, 120 VAC	LXMM	ESPLXM Metal Cabinet	
ESPLXMSM4	Additional 4-Station Module	LXMMPED	ESPLXM Metal Pedestal*	
ESPLXMSM8	Additional 8-Station Module	* Note: Both metal cabinet and pedestal are required for pedestal mounting.		
ESPLXMSM12	Additional 12-Station Module			
Make Your Controller Weather-Smart^{1,2}		← OR →	Gain Remote Control from Your PC¹	
ETC-LX	ET Manager Cartridge	U-DTC-LXM-PR	IQ Upgrade Cartridge, Phone+RS232 Communication	
ETM-RG	Rain Tipping Gauge	U-DTC-LXM-R	IQ Upgrade Cartridge, RS232 Only Communication	
ETM-RMK	ET Receiver Remote Mounting Kit	IQ-STD-CD	IQ Software, 250 Satellite Controller Capacity	
ETM-PS	ET Manager Programming Software	IQ-START-CD	IQ Software, 5 Satellite Controller Capacity	

How to Specify:

# of Stations Required:	Specify as:	Number of each component to order:			
		ESP-LXM Controller	ESP-LXM-SM4 Module	ESP-LXM-SM8 Module	ESP-LXM-SM12 Module
8	ESP-8LXM	1	0	0	0
12	ESP-12LXM	1	1	0	0
16	ESP-16LXM	1	0	1	0
20	ESP-20LXM	1	1	1	0
24	ESP-24LXM	1	0	2	0
28	ESP-28LXM	1	1	2	0
32	ESP-32LXM	1	0	3	0
36	ESP-36LXM	1	0	2	1
40	ESP-40LXM	1	0	1	2
44	ESP-44LXM	1	0	0	3
48	ESP-48LXM	1	0	0	4

¹The ESP-LXM Controller can hold a single cartridge, either the ET manager or IQ Central Control Cartridge.

²ET Manager Cartridge receives weather data via commercial paging broadcast – only available in the USA and Canada

³A list of signal providers for the ET Manager Cartridge is available at www.rainbird.com/wrsp

⁴To specify the LXMM Metal Cabinet, add "M" to the end of the specification model number (example: ESP-8LXMM)

⁵To specify the LXMM Metal Cabinet and LXMM-PED, add "MP" to the end of the specification model number (example: ESP-9LXMMMP)



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www.rainbird.com

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