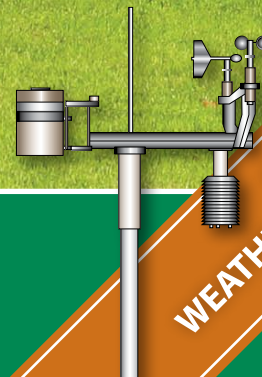




## Rain Bird® ESP-LX Modular Controller

Smart Features. Smart Cartridges. Smart Choice.



NOW WITH  
WEATHER-SMART UPGRADES

## A modular controller... far beyond the rest.



- ✓ **Configurable Station Count**  
The ESP-LX is configurable up to 32 stations. It has four bays that are capable of using either 4-station or 8-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
- ✓ **Reliable Surge Protection**  
The ESP-LX is constructed with heavy duty surge protection standards to withstand electrical surges and lightning.
- ✓ **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, Portuguese, and Chinese.
- ✓ **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-LX'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-LX. 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-LX. 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™

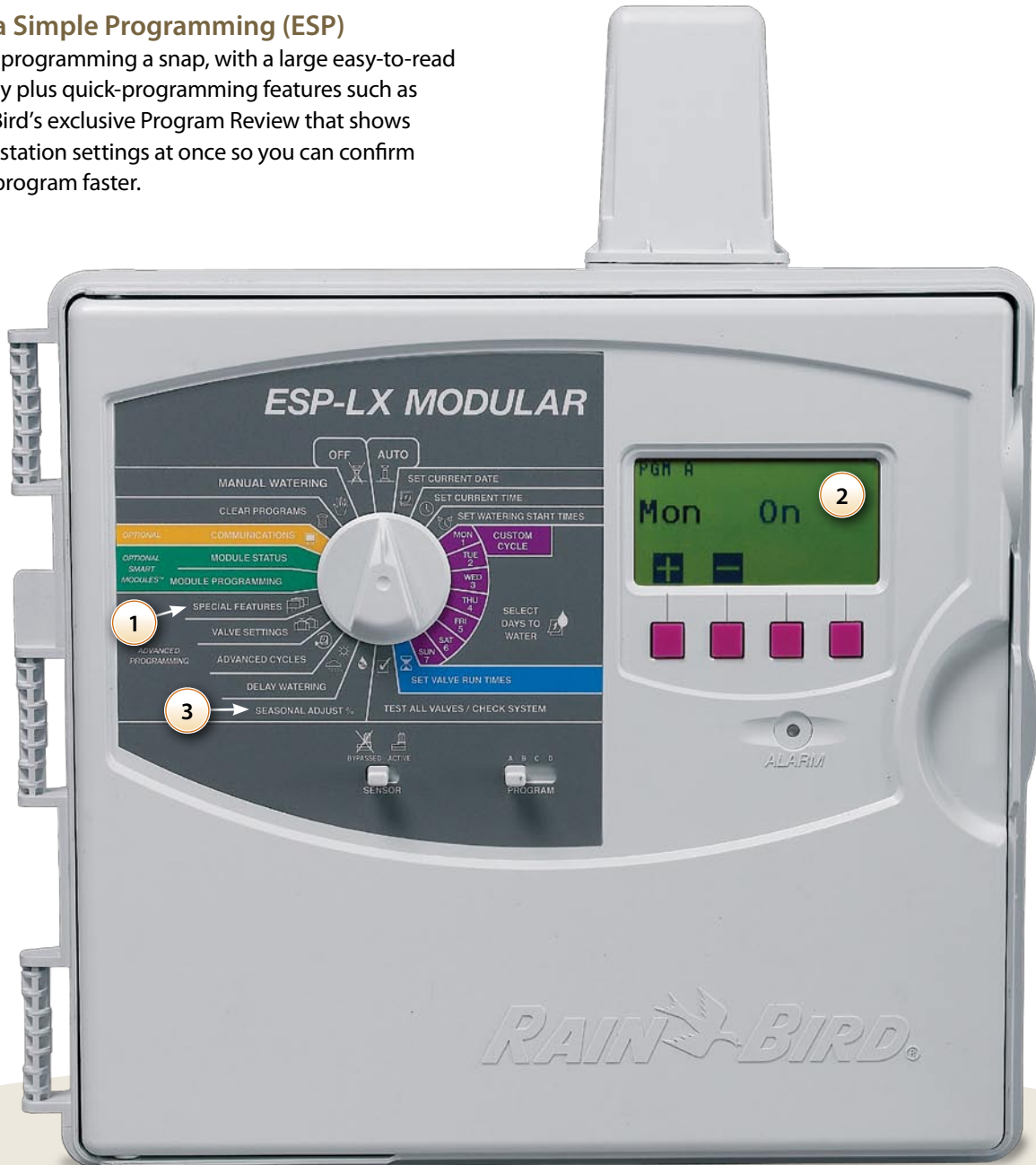
Create a customized default program that can be recalled up to 90 days in the future. This allows a temporary schedule to be created for new seed or a fast fix.

## 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.



# Smart Cartridges.



## ET Manager Cartridge

**Make your controller weather-smart.** The most accurate weather-smart device of its kind is now available as a cartridge for the ESP-LX. 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-LX interface so there's no need to program two separate devices.

(ET Manager Cartridge receives weather data via radio broadcasts. Radio broadcasts are available in most parts of the USA and Canada. Please check [www.rainbird.com/wrsp](http://www.rainbird.com/wrsp) for signal availability.)



## 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.

# Smart Choice.

Compared with competing products, the ESP-LX is loaded with features that will save you time and money. This comparison shows why the ESP-LX 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-LX 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-LX's common programming interface.*

### Wayne Whitmill

President, Kettering Irrigation  
Kettering, Ohio

## How to Order:

ESP-LX Modular Controller		Mounting Equipment	
ESPLXMI	ESP-LX Modular Controller, 8-Station Indoor, 120 VAC	LXMM	ESPLXM Metal Cabinet
ESPLXM	ESP-LX Modular Controller, 8-Station Outdoor, 120 VAC	LXMPED	ESPLXM Metal Pedestal*
ESPLXMSM4	Additional 4-Station Module	* Both cabinet and pedestal are required for pedestal mounting.	
ESPLXMSM8	Additional 8-Station Module		
<b>Make Your Controller Weather-Smart<sup>1,2</sup></b>		<b>← OR → Gain Remote Control from Your PC<sup>1</sup></b>	
ETM-LXM	ET Manager Cartridge	U-DTC-LXM-PR	IQ Upgrade Kit, Phone+RS232 Communication
ETM-RG	Rain Tipping Gauge	U-DTC-LXM-R	IQ Upgrade Kit, RS232 Only Communication
ETM-RMK	ET Receiver Remote Mounting Kit	IQ-STD-CD	IQ Central Control Software, 250 Satellite Controllers Capacity
ETM-PS	ET Manager Programming Software	IQ-START-CD	IQ Central Control Software, 5 Satellite Controllers Capacity

## How to Specify:

# of Stations Required:	Specify as:	Number of each component to order:		
		ESPLXM	ESPLXMSM8	ESPLXMSM4
8	ESP8LXM	1	0	0
12	ESP12LXM	1	0	1
16	ESP16LXM	1	1	0
20	ESP20LXM	1	1	1
24	ESP24LXM	1	2	0
28	ESP28LXM	1	2	1
32	ESP32LXM	1	3	0

<sup>1</sup>The ESP-LX Modular Controller can hold only one Smart Cartridge. You must choose either the ET Manager Cartridge or the IQ Cartridge, not both.

<sup>2</sup> ET Manager Cartridge receives weather data via radio broadcasts. Radio broadcasts are available in most parts of the USA and Canada.

Please check [www.rainbird.com/wrsp](http://www.rainbird.com/wrsp) for signal availability.



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