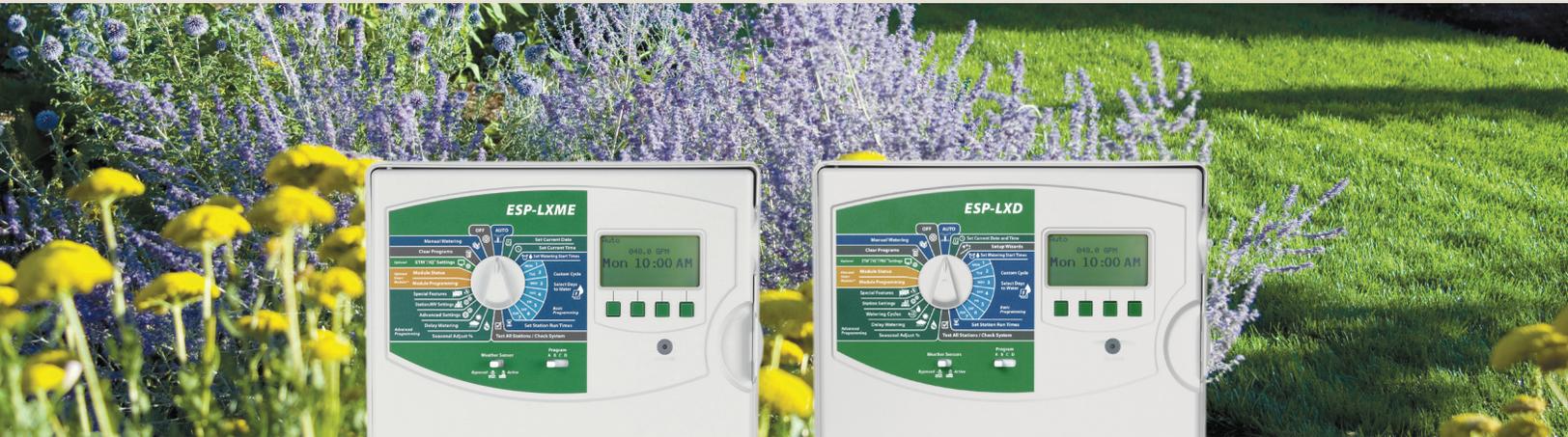




Rain Bird® ESP-LX Series Controllers

New Innovative Feature - STATION OPTIMIZATION



ESP-LXME / ESP-LXMEF

ESP-LXD

Demonstrating Rain Bird’s commitment to The Intelligent Use of Water™, the ESP-LX Series controllers combine modularity with advanced water management and Extra Simple Programming (ESP).

STATION OPTIMIZATION

The ESP-LX Series controllers showcase Rain Bird’s newest innovation - **STATION OPTIMIZATION**.

The ESP-LX Series’ new programming features are designed to operate stations in order of priority and run time. It does not run stations sequentially.

Instead, the ESP-LX Series operates stations so that as much irrigation as possible occurs in the shortest time.

- **Saves Labor:** Set station priorities to eliminate the need to rewire or reprogram the entire controller.
- **Saves Water:** The programmable water window regulates the watering time, controlling the amount of water used, ensuring you avoid penalties.
- **Saves Money and Power:** When using Flo Manager, the controller decides what can be run simultaneously, reducing the total time and power required.

See back for additional information on Station Optimization.

TO TEST ALL STATIONS AND RUN IN SEQUENTIAL ORDER FOR MAINTENANCE:

Note: Stations must have programmed run times to be included in the **Test All Stations** operation.

1. Turn the controller dial to **Test All Stations/Check System**.
2. The **Check System** screen appears. Press the **Down Arrow** button to select **Test All Stations**, then press **Next**.
3. The **Test All Stations** screen appears. Press the **+** and **-** buttons to adjust the **Test Run Time** (adjustable from 1 to 10 minutes) per station, then press **Run**.
4. A confirmation screen appears.
5. Once **Run** is pressed, stations can be monitored and advanced (moved to the next station) by turning the dial to the **AUTO** position and using the **Advance** button.
6. To increase or decrease the **Run Time** minutes for the current station being tested, press the **+** and **-** buttons.



Newest innovation - STATION OPTIMIZATION

Offers advanced programming features to optimize water flow and water windows

The ESP-LX Series' new programming feature, Station Optimization, is designed to operate stations in order of priority and run time.

STATIONS WILL RUN IN THE FOLLOWING ORDER:

In priority order 1 to 5		In priority order, left to right
1	Station priorities	Non-irrigation ▶ High ▶ Medium ▶ Low
2	Station run times	Longest run time ▶ shortest run time
3	Station number	1 ▶ 2 ▶ 3 ...
4	Station program assignment	A ▶ B ▶ C ▶ D
5	Other criteria that affects which station is selected	Program & controller max SimulStations, FloManager Flozone/POC max. flow rate, weather sensor state, soak time, station and FloZone/Mainline alarms, program water window

- If multiple programs are running, higher priority stations will irrigate prior to medium priority stations, and medium priority stations will irrigate prior to lower priority stations.
- If two stations have the same priority, the station with the longer run time will be completed before the one with the shorter run time.
- If the start and stop time in the water window doesn't allow for all stations to run, when the system starts up again, it will begin where it left off.

EXAMPLE:

If the system is programmed with these stations, priorities and run times, the stations will run in this order:

	Station #	Priority	Run Time	Program
Run 1st	Station 4	High	40 minutes	A
Run 2nd	Station 2	High	30 minutes	A
Run 3rd	Station 1	Medium	20 minutes	A
Run 4th	Station 3	Low	40 minutes	A



For additional assistance please reference the users installation/operations guide on the website at rainbird.com/esplxseries or call technical support at 800-RAINBIRD (U.S. and Canada Only).