

PAR+ES Sat Decoder Controller

The PAR+ES Sat Decoder combines the features and benefits of a satellite controller with those of a decoder system. The advantages include:

- Easy Installation
- Reduced Installation Costs
- Easy Expansion

The Idea is Simple:

- Install the controller.
- Install a single two-wire path to control all the sprinklers.
- Install decoder between wire path and each sprinkler head.
 - Uses up to 80 percent fewer wires than conventional controllers
 - Built-in diagnostic tools
 - Compatible with all Rain Bird Golf Decoders (FD-101, FD-102, FD-202, FD-401 and FD-601)
 - Simply attach new decoder to the wire path
 - Operates as a standalone controller or add a Rain Bird® Central Control system for greater control
 - Operates up to 72 decoder addresses
- Program controller with decoder address.

SPECIFICATIONS

Station Capacity: 72 decoder addresses, up to 16 solenoids operating simultaneously (60 Hz)

Configurations: Standalone, two-wire and LINK

Electrical Input: (50/60 Hz); 115 VAC Nominal 98 – 132 VAC; 220 VAC Nominal 208 – 232 VAC; 240 VAC Nominal 225 – 255 VAC

Electrical Output: 26.5 VAC, 5.25 AMP

Station Load Capacity: Up to two (2) 24 VAC, seven (7) VA solenoids per station depending on decoder type

Plastic Pedestal Dimensions:

Width: 17" (43.2 cm)

Height: 34¾" (88 cm)

Depth: 21" (53.4 cm)

Programs: As many programs as possible with Rain Bird Central Control systems or six (6) automatic (12 start times each) and two (2) manual in standalone mode

Water Budget: 0 – 200% in 10% increments

Station Runtimes: One (1) – 120 minutes, in one (1) minute increments

Languages: English, French, German, Italian, Japanese, Portuguese, Spanish and Dutch

Grounding Requirements: Less than 10 ohms

Compliance: UL & C-UL Listed, CE approved, C-Tick Compliant and FCC

Maximum Wire Length Between Controller and Decoder:

#12 AWG:

Star Design: 3.8 miles (6.1 km)

Loop Design: 15.2 miles (24.4 km)

#14 AWG

Star Design: 2.4 miles (3.8 km)

Loop Design: 9.6 miles (15.2 km)

Maximum Wire Length Between Decoder and Rotor: 456 ft (#14 AWG)

Maximum Wire Paths: Four (4), plus multiple branches per wire path



HOW TO SPECIFY

PAR ES-DEC - X - 72

MODEL	CONFIGURATION
PAR ES	Blank = Standalone
	2 = Two-wire
	L = LINK*

*LINK Radios must be ordered separately from controller.