

PAR+ ES DECODER CONTROLLERS



Specifications

PAR+ES Decoder Controller:

Station Capacity: 72 decoder addresses, maximum 12 solenoids operating simultaneously (50 Hz)

Configurations: Standalone, two-wire, LINK and LINK with Radio

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 Rain Bird 24 VAC solenoids per station depending on decoder type :

Coils per station

FD-101	FD-102	FD-202	FD-401	FD-601
1	2	2	1	1

Plastic Pedestal Dimensions:

Width: 16" (40,6 cm)
Height: 36" (91,4 cm)
Depth: 18½" (47,0 cm)

Programs: No limit with Rain Bird Central Control Systems. Six (6) automatic (12 start times each) and two (2) manual in standalone mode

Water Budget: 0 – 200% in 10% increments

Station Runtimes: 1 – 120 minutes, in 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

Max Wire Length Between Controller and Decode (with decoders evenly distributed):

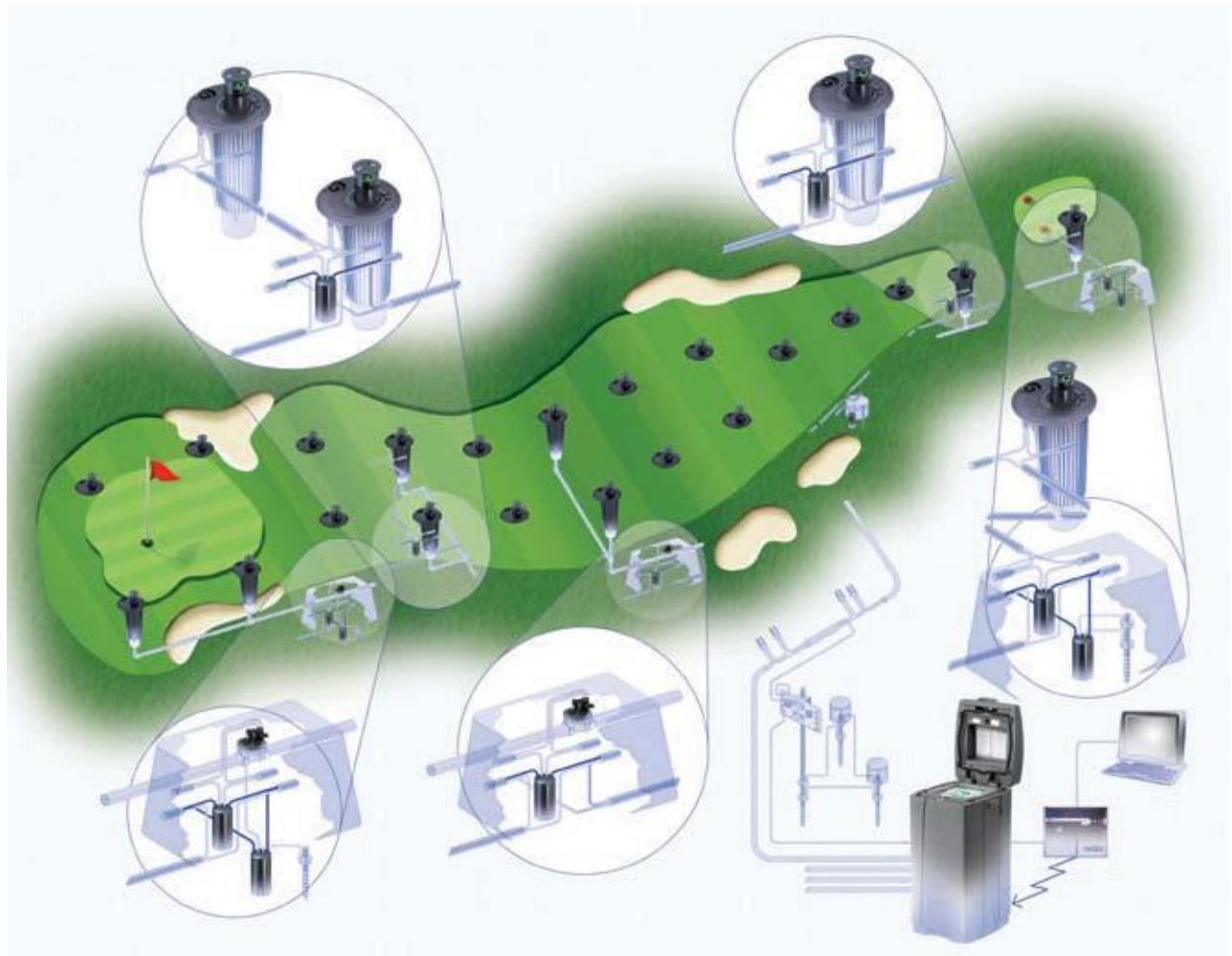
- # 2.5mm²
- Star Design 4 km
- Loop Design 16 km

Max Wire Length Between Decoder and Rotor: 200m (2.5mm²) with FD-101, FD-102, FD-202 & FD-401 - 100m (2.5mm²) with FD-601

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



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The PAR+ES Decoder Controller combines the features and benefits of a satellite controller system with those of a decoder system. Benefits for the user include:

- Easy Installation
- Reduced Installation Costs
- Easy Expansion

The concept is simple:

- 1) Install the PAR+ES Decoder controller.
 - 2) Install the secondary wire path.
- Uses up to 90 percent fewer wires than conventional hardwire systems.
 - Built-in diagnostic tools.
 - Compatible with all Rain Bird Golf Decoders (i.e. FD-101, FD-102, FD-202, FD-401 and FD-601).
 - Operates as a standalone controller or add a Rain Bird Central Control System for greater control.
 - Operates up to 72 decoder addresses.

How to Specify/Order:

<i>Model</i>	<i>P/N</i>
PAR+ES DEC TW	HP2070