

PILOT® DECODERS

Application: **Golf**
 Number of Stations: **999**
 Type: **Decoder System**

Decoder installations continue to be one of the fastest growing forms of technology in irrigation control. A key advantage over conventional systems is that decoders use less wire for an overall irrigation system. That means lower cost, quicker installation time, and easier system diagnosis and repair if needed. Systems can be easily expanded—with minimal digging and disruption of landscaping—by adding in more decoders rather than running additional wires.

Pilot enables you to take advantage of this cost-efficient approach. Pilot decoders are available with 1, 2, 4 and 6-station outputs, making it possible to run each head on an entire green with a single decoder. In all, decoders let you operate up to 999 stations out to 4.5 km from a single hub.

Pilot decoder systems include built-in surge suppression, colour-coded wire connections, true independent station control, programmable station addresses, and two-way feedback to the controller with confirmation and status indication.

Pilot-SG surge protectors are required when a system is designed and installed with Decoder-In-Head (DIH) rotors.



Pilot Decoder Hub

Water-Resistant Keypad
 Backlit display and secondary LED facepack means it can be used day or night

Diagnostic LED Indicators
 For all functions on decoder output module

250-Station Output Modules
 Enable your decoder hub to grow with your course. Start with 250 - grow to 999

Pilot Decoders

1 & 2 Station Decoders:
 Height: 9 cm
 Width: 4 cm
 Depth: 2.5 cm
 Weight: 150 g

4 & 6 Station Decoders:

Height: 9 cm
 Width: 4.5 cm
 Depth: 4 cm
 Weight: 250 g



Distinct yellow design makes it much easier to find decoders in dark valve boxes or buried in the soil.

DS-G Surge Ground Arrestor

All DIH rotors include two IBM DBRY-6 splices for connection to the 2-wire path. DIH rotor control systems require grounding with Pilot-SG surge suppressors coupled to appropriate grounding plate or rod. Hunter recommends a minimum of one Pilot-SG for every 12 installed DIH rotors or as per project specification.



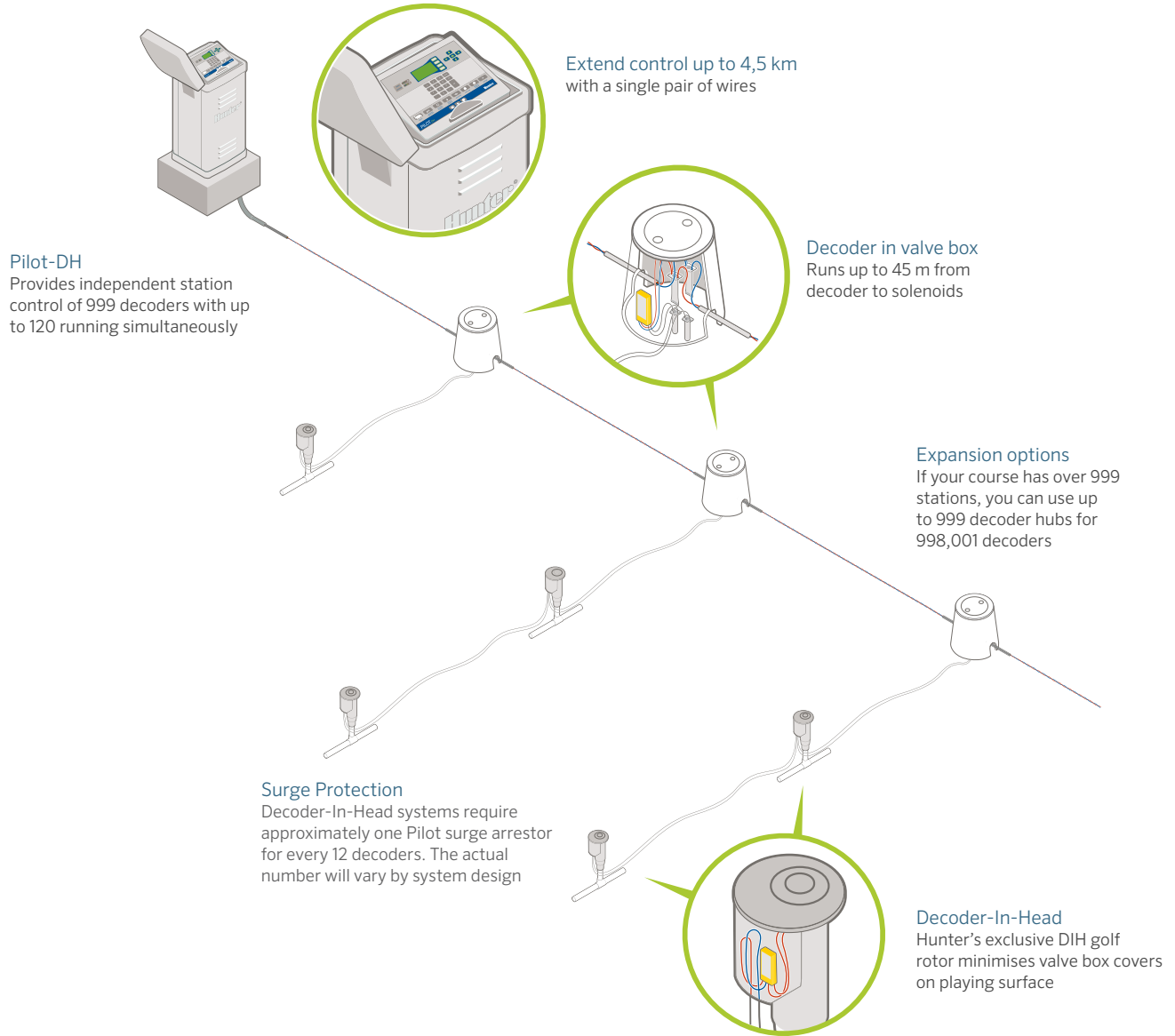
CENTRAL CONTROL

PILOT-DH - SPECIFICATION BUILDER ORDER 1 + 2 + 3

1 Model	2 Standard Features	3 Options
Pilot-DH250 (250-station)	Plastic pedestal (grey)	S Stand-alone decoder hub with no central communications
Pilot-DH500 (500-station)		HWR Hardwire communications
Pilot-DH750 (750-station)		UHF UHF radio communications (US only)
Pilot-DH999 (999-station)		LF Licence-free spread spectrum radio communications (900 MHz for North America and where permitted) ILF Licence-free spread spectrum radio communications (2.4 GHz for international, where permitted)

Examples:

- Pilot-DH250-S** 250-station, stand-alone decoder hub with no central communications
- Pilot-DH750-ILF** 750-station decoder hub with international licence-free radio communications
- Pilot-DH999-HWR** 999-station decoder hub with hardwire communications



DECODERS - SPECIFICATION BUILDER ORDER 1 + 2		
1	Model	2 Standard Features
Pilot-100	1-station decoder	Built-in surge protection
Pilot-200	2-station decoder	DBRY-6 Waterproof Connectors included
Pilot-400	4-station decoder	
Pilot-600	6-station decoder	
Pilot-SG	Inline surge protection (for DIH rotor systems)	

Example:
Pilot-100 1-station decoder



Wireless Programming!

Communicate with decoders directly through plastic case: wireless electromagnetic induction saves waterproof connectors

See the ICD-HP on 183

CENTRAL CONTROL