



VSX™ Field Decoder Controllers (featuring Viking Decoder System)

The VSX™ Field Decoder Controller is a premium heavy-duty irrigation controller, designed for both stand-alone grow-in use and integration into a Vista or Surveyor computerized central system.

Up to 64 programs are stored in its non-volatile memory, allowing the VSX™ to water massive irrigation schedules without direction from the central computer. VSX™ also includes user-defined presets for one-touch triggering of common functions, such as syringing and trouble-spot watering. These powerful, intelligent controllers also create and store reports on-board, which can be reviewed on-site or back at the central computer. Once a central control package is installed, the VSX™ then functions as the local memory center for



VSX™ Field Decoder Controllers

Rugged
Full-Featured
Controller for
Standalone or
Network Use

computer-generated schedules, while retaining its powerful standalone capabilities.

The VSX™ Field Decoder Controller is built on Hunter's field-proven Viking decoder system and operates 103 stations plus a pump. Their modular construction allows easy field service and expansion while an illuminated 40-character LCD display with alphanumeric program names and large, durable keypad enables easy local programming and adjustment.

FEATURES & BENEFITS

64 Programs, manual and semi-auto functions, multiple cycles, and cycle delays

Provides program flexibility for the most demanding schedules

Two-wire, color-coded field decoder connections

Reduces cost, simplifies wiring and diagnostics

103-station units, with keypad programmable decoder editing

More control with fewer controllers

Heavy duty surge and lightning protection

Insures long life and reliable operation

Automatic current overload protection

Protects controller from field wiring malfunctions

User-defined presets & blocks

Automate common functions (syringing, etc.) for instant recall & activation

Modular communications options

Permits communications upgrades at any time

StraightTalk™ maintenance radio

Allows remote control from your walkie-talkie



Dimensions

- Stainless Steel Pedestal: 36" (92 cm) tall x 13.5" (35 cm) wide x 10" (26 cm) deep
 - Plastic Pedestal: 35" (89 cm) tall x 17.5" (45 cm) wide x 10.5" (27 cm) deep
 - Average weight: 56 lbs (25.5 kilos)
- Stainless and Plastic Wall-Mount enclosures available upon request

Electrical Specifications

- Primary (Input): 105-125VAC, 1 Amp max., SV versions 205-230VAC, .62 Amp maximum
- Number of solenoids operating off single decoder output: up to 2 (depends on solenoids)
- Decoder output current: 12 mA
- Decoder stand by current: 0.4 mA
- Decoder input voltage: 20 - 36VAC

Signal Output

- Radio: 2 Watts, UHF (450-470 MHz)
- Hardwire: 4 - 20 milliamp loop
Decoder Wiring (up to 5 two-wire paths per VSX™)
- GVIKCBL1: 2-wire #14-2 cable (up to 10,000 feet/3000m)
- GVIKCBL2: 2-wire #12-2 cable (up to 15,000 feet/4500m)

Decoder Products

- GVIKDEC: Single-station decoder
- GVIKDEC4: 4-station decoder (independent outputs)
- GVIKLSPN: In-line Surge Protector
- GVIKLSPE: End-line Surge Protector

Communications Wiring (Hardware)

- GCBL: Hardwire communications cable (2 twisted pair, 18AWG, Shielded)
- GCBLA: Armored Hardwire communications cable for direct burial (2 twisted pair, 18AWG, Shielded)

Options:

- SV: 230VAC versions (50/60Hz, selectable)

Accessories:

- TRNR: Handheld Radio for Maintenance Radio communications



A wide range of enclosures are available, including stainless steel or durable plastic in either pedestal or wall-mount versions.

A Loss of Power Doesn't Mean a Loss of Scheduling

The temporary loss of your electricity shouldn't result in putting your system out of commission. Especially in areas where wind or lightning or unreliable power sources are a concern, you need to have a dependable backup to keep your system functioning. The VSX™ Field Controller stores your entire watering schedule in its field resident memory. Thus, if communication between the central control and the field satellite is lost, the VSX™ has the ability to function on its own and can continue to operate independently. It's the premier product in its class... and your guarantee of uninterrupted service.



Programming inputs are simple with the large and easy-to-read keypad and illuminated display.



The VSX™ waterproof decoders and surge protectors are equipped with color-coded wiring and ground leads.



The VSX™ (in two-way radio or hardwire, or as a standalone) is part of full line-up of Hunter golf irrigation products.

PRODUCT EXPLANATION

EXAMPLE: **VVFC - HW - SW**

ENCLOSURE TYPE

VVFC = Stainless Steel Pedestal
 VVFCP = Plastic Pedestal
 VVWC = Stainless Steel Wall-Mount
 VVWCP = Plastic Wall Mount

COMMUNICATION TYPE

S = Stand-alone
 HW = Hardwire
 R = Radio

OPTIONS

SV = 230 VAC