

# **VSX**<sup>TM</sup> Field Decoder Controllers (featuring Viking Decoder System)

he VSX<sup>TM</sup> 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.

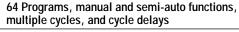
Up to 64 programs are stored in its non-volatile memory, allowing the VSX<sup>TM</sup> to water massive irrigation schedules without direction from the central computer. VSX<sup>TM</sup> also includes user-defined presets for one-touch triggering of common functions, such as syringing and trouble-spot 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<sup>TM</sup> then functions as the local memory center for



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**



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

## VSX™ Field Decoder Controllers

Rugged Full-Featured Controller for Standalone of Network Use



#### **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<sup>TM</sup>)
- 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



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



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  $VSX^{TM}$  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  $VSX^{TM}$  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<sup>™</sup> waterproof decoders and surge protectors are equipped with color-coded wiring and groung leads.

#### PRODUCT EXPLANATION

EXAMPLE: VVFC - HW - SW

ENCLOSURE TYPE VVFC = Stainless Steel Pedesta

VVFCP = Plastic Pedestal VVWC = Stainless Steel Wall-Mount VVWCP = Plastic Wall Mount COMMUNICATION TYPE
S = Stand-alone
HW = Hardwire

OPTIONS SV = 230 VAC