AlertWave

VS4500 - Compact Wireless Paging Controller
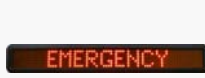

| TS4142 | WPT-01 | VP-4 | VS1502 | VNS2200 |

Key Features:

- **Wireless Public Address Messaging**

- **Instant Audible and/or Silent Visual Alerts**

- **Facility-Wide Wireless Time Synchronization**

- **Automatic Day Light Savings Time Adjustment**

- **Alphanumeric Messaging to Pagers and Wireless LED Displays**

- **Wireless Scheduled Bell or Tone Activation***

- **Monitors Wireless Push Buttons and Sensors for Instant Personnel Notification***

- **Sunrise/Sunset Remote Switch Activation**

- **Improves Response Time During Emergencies**

- **Requires Minimal Training with Easy Installation**

* Optional Feature

The VS4500 Compact Wireless Paging Controller is designed to control and activate visual, audible and alphanumeric wireless devices such as strobe lights, public address speakers, sirens, alphanumeric pagers, alphanumeric LED displays and more. In addition, the VS4500 can provide a wireless time reference signal required to synchronize wireless analog and digital clocks. The time reference transmitted by the VS4500 can be retrieved from a PC computer clock or from a GPS satellite system using an optional GPS receiver.

The VS4500 is equipped with a numeric keypad and LCD display for simple operation and programming. It also has the ability to support 1,000 wireless devices for individual and group paging. The VS4500 includes a single RS-232 serial port allowing integration with third party building PA or fire alarm interfaces.
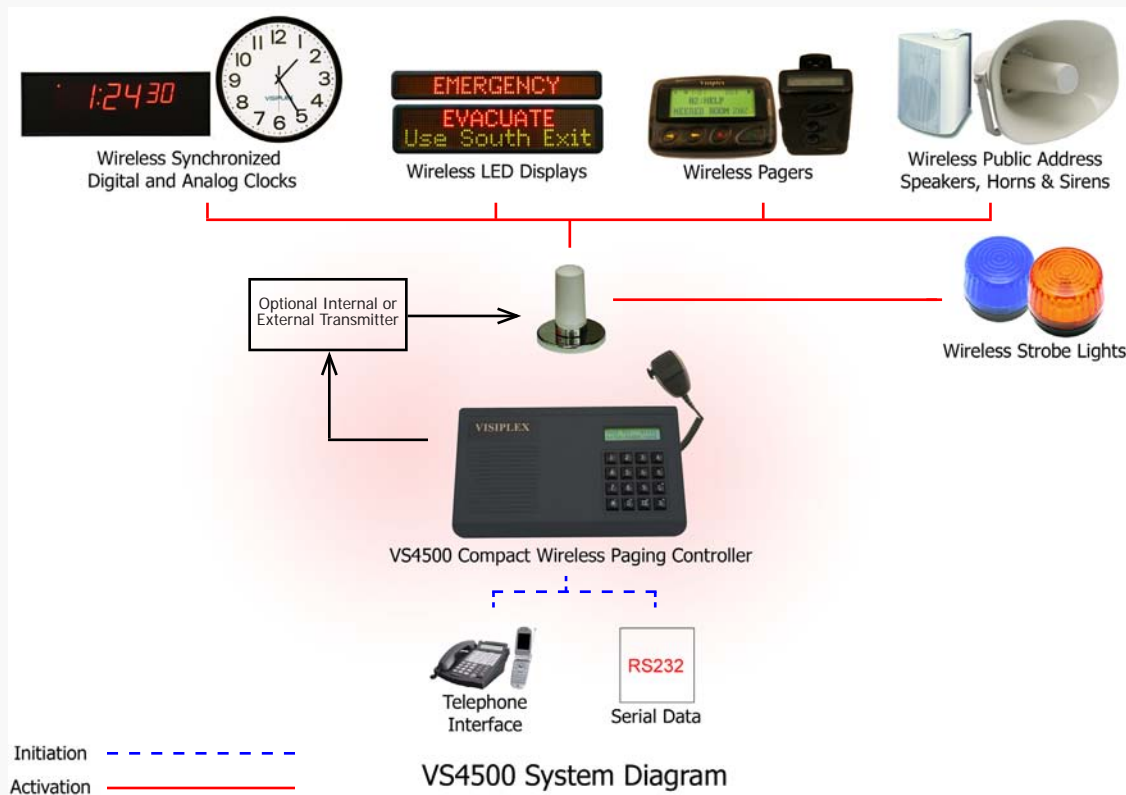
The wireless alerts can be initiated by the user from the VS4500 numeric keypad, the optional telephone interface or the optional microphone. Automated alerts can be initiated by serial communication protocols, the optional pre-programmed tone/bell event schedule or the wireless push button and sensor interface.

The sunrise/sunset remote switch control can set facility lights to on or off according to day light hours in order to provide efficient energy saving.

The VS4500 utilizes optional radio transmitters with FCC approved frequencies and power ranging from 6 to 300 Watts, providing full RF coverage to any sized facility.

The VS4500 is fully expandable, allowing you to start with a basic system that fits immediate requirements while maintaining the ability to add future devices.

VISIPLEX

877 918-7243
www.visiplex.com

Wireless Synchronized Digital and Analog Clocks

Wireless LED Displays

Wireless Pagers

Wireless Public Address Speakers, Horns & Sirens

Wireless Strobe Lights

Optional Internal or External Transmitter

VS4500 Compact Wireless Paging Controller

Telephone Interface

RS232 Serial Data

Initiation

Activation

VS4500 System Diagram

Options, Accessories and Complementary Products:

Part Number	Description
VS2511	Schedule Bell/Tone Paging & Programming Package
VS3003	Telephone Line Interface (RJ11 Input) *Up to 1 Allowed
VS3005	Hand-Held Microphone for Voice Messaging
VS3008	Free Text Messaging Software (Requires a Serial Port)
VS3009	Additional RS232 Serial Port *Up to Total of 2 Allowed
VS3011	Wireless Devices Messaging Interface for 900 MHz Wireless Devices (Requires a Serial Port and Wireless 900 MHz Receiver)
VS3012	Audio Input (AUX) for Automated Activation of Wireless Speakers from External Audio Source
VS5147	VNS2000 Professional Server for Desktop encoders (single user)
VS5148	VNS2000 Network Client/Server for Desktop encoders for multiple network users (includes 25 client licenses)

Specifications:

Dimensions	9.75" x 5.5" x 2.5" (W x H x D)	**Internal Transmitter (*Optional)**	
Weight	2.25 lbs.	RF Power Output	VTX-6: 6W
Power	12V DC / 3A (Using 100-240V AC)	Frequency Range	VHF (148 - 174 MHz), UHF (403 - 433, 438 - 470 MHz)
Operating Temperature	32° - 104°F	Channel Spacing	12.5 KHz or 25 KHz
Humidity	10% - 65%	Modulation	Data and Tone: +/- 3.5 KHz, Voice: +/- 3.5 KHz
Approvals	UL/CSA Listing (Power Supply)	Spurious & Harmonic	75dB
RS232 Protocols	Visiplex	**Telephone Line (*Optional)**	
Paging Format	POCSAG	Line Type	Line Level (End to End Station Level), DTMF
Serial Ports	1	Line Input Impedance	600 Nominal (Off-Hook)
Data Baud Rate	512, 1200, 2400 BPS	Limited Warranty	One Year Parts and Labor

*Specifications Are Subject to Change Without Notification