



VNS2200 - Wireless Audio/Visual Controller



The **VNS2200 Wireless Audio/Visual Controller** is designed to control and activate remote devices such as public address speakers, strobe lights, sirens, LED alphanumeric displays, intercom wall stations and more.

The VNS2200 supports 8 activation codes (ID's) for individual activation or membership activation in up to 7 separate groups. Creating groups provides the ability to activate multiple devices using a single transmission from a main wireless paging controller, such as the **VS4800** or **VNS5100**.

The VNS2200 is capable of playing audio through one or two connected speakers. The audio could be pre-recorded or live voice messages from a main paging controller or one of the pre-programmed audio files stored in the VNS2200's memory.

For NFPA-72 compliance and easy maintenance, the VNS2200, with the **VNS2254** option, offers full wireless supervision from the main paging controller. This provides the system administrator with a detailed functionality status of each installed VNS2200 device.

The **VNS2261** and **VNS2263** intercom options allow the VNS2200 to provide two-way communication between a main paging controller and an intercom wall station or emergency call box.

The **VNS2264** ambient noise sensor option gives the VNS2200 the unique ability to automatically adjust the level of its voice messages and alerts to match the surrounding environment. For example, the ambient noise sensor would lower the volume of messages and alerts in an empty room, but would raise the volume when the room is crowded and noisy.

The **VNS2271** option allows the user to store custom voice messages and alerts into the VNS2200's memory. This option is optimal for unique alerts or pre-determined emergency voice messaging.

When equipped with the **VNS2284** option, the VNS2200 provides dry contact closure and line level audio output for the activation of third party PA or fire alarm interfaces.

The VNS2200 can control a single speaker. With the **VNS2281** option, an additional second speaker can be controlled.

The VNS2200 can control one or two strobe lights (or other 12V DC controlled devices) when equipped with the **VNS2282** option.

When equipped with the **VNS2283** option, the VNS2200 can control an alphanumeric LED display for text messaging.

With the **VNS2252** option, the VNS2200 provides internal battery power backup for reliable operation during power failure.

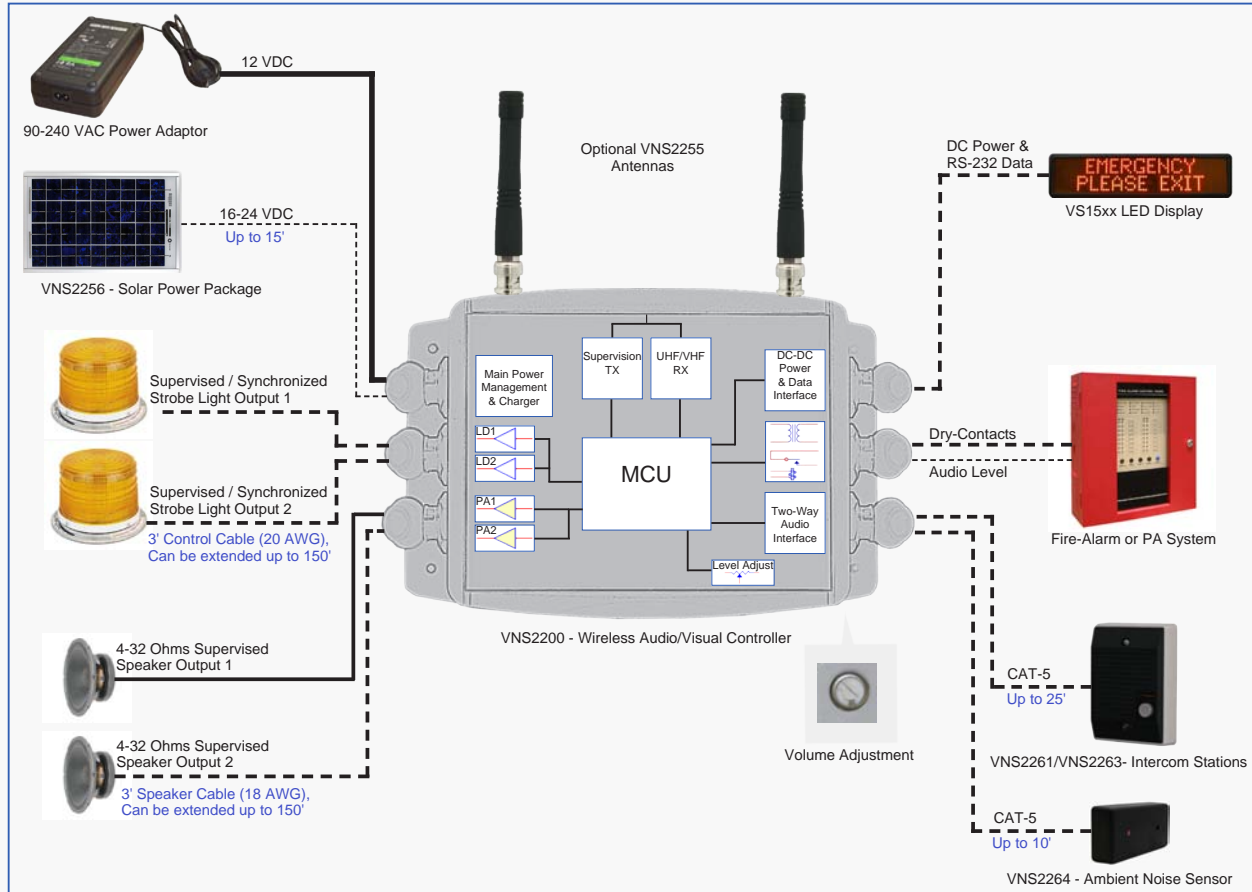
The **VNS2256** solar panel option offers an Eco-friendly power source.

Key Features:

- **NFPA-72 (2010) Compliant**
- **Drives One or Two PA Speakers**
- **Controls One or Two Synchronized Strobe Lights**
- **Weather-Resistant Enclosure for Indoor/Outdoor Applications**
- **Pre-Programmed Voice Messages and Alert Tones**
- **User-Programmable Voice Messages***
- **Interface to Building Fire Alarm and PA Systems***
- **Alphanumeric LED Display Interface***
- **Two-Way Intercom Station Communication***
- **Power Failure Protection with Backup Battery***
- **Eco-Friendly Solar Power***

* Optional Feature

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VNS2200 System Diagram

Options, Accessories and Complementary Products:

Part Number	Description
VNS2252	Internal Backup Battery
VNS2254	Built-In Transmitter for Wireless Supervision
VNS2255	External Antenna for Wireless Devices
VNS2256	Solar Panel with Internal Battery & Charger. Includes Solar Panel Mount
VNS2261	Two-Way Intercom Wall Station for Wireless Communication and Supervision
VNS2263	High-Powered Two-Way Intercom Wall Station for Wireless Communication and Supervision
VNS2264	Ambient Noise Level Sensor. Provides Automatic Volume Adjustment According to Environment Noise Level
VNS2271	Expanded Memory Upgrade, Allows programming of Custom Audio Files for Wireless Activation of Alerts and Messages
VNS2281	2nd Speaker Output
VNS2282	Strobe Light / Siren Wireless Controlled Output (Up to Two Per Controller)
VNS2283	Alphanumeric LED Display Interface for wireless text Messaging
VNS2284	Line Level Audio Output (600 Ω) with Dry Contact Closure for Public Address & Fire Alarm Interface
VNS2285	Dry Contact Closure Option for Activation of External Wired Devices (10A)
VNS2286	2-Way Radio Interface Option for VNS2200 Activation Using 2-Way Radio

Specifications:

Dimensions	7.6" x 5.1" x 3.0" (W x H x D), (Adaptor: 4" x 7.5" x 3"), Adaptor Cable Length: 6 ft., Power Cable Length: 6 ft.	DC Voltage Output (VNS2282 Option)	12V DC, 1A Max
Weight	1.9 lbs. (3.3 lbs. with Internal Battery)	Programming	RS-232 Serial Port Interface
Power	12V DC / 5A (Using 100-240V AC)	Transmit Format	POCSAG 512/1200 BPS
Color	Light Gray	Frequency Response	50 Hz - 16 KHz (10 Hz - 3400 Hz in Live Voice Mode)
Operating Temperature	32° - 120°F	Frequency	VHF (148 - 174 MHz), UHF (400 - 470 MHz)
Humidity	0% - 95%, Non-Condensing	Activation Codes	8
Audio	50W Peak Output for 4-16 Ohms Speaker	Limited Warranty	One Year Parts and Labor

*Specifications Are Subject to Change Without Notification

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