


## Model VPS-50 Voice-Plus™ Voice Evacuation System

### Features

- Clean Dead-front Construction
- Digitally Recorded Automatic Evacuation Message (Up to 4 Minutes of Message Capacity)
- 50 Watt Bullet-Proof Amplifier
- 25 or 70 VRMS Field Selectable
- 120 VAC Power Supply and Battery Charger
- Live Microphone Override of Message and Tone
- Analog Addressable Compatible
- High Reliability, No Maintenance, Fully Supervised
- Easy Installation and Operation
- Natural Sound Recordings
- Built in Alarm and Alert Signals
- Up to 4 Minute Message Capacity
- Works with 12VDC or 24VDC Fire Alarm Panels
- Works with Analog/Addressable and Microprocessor based Fire Alarm Panels
- Three Minute Message Restart on Microphone Key
- 24 Hour Backup with two 12V 7Ahr Batteries
- Made in the USA
-  UL, MEA & CSFM listed

### Description

The VPS-50 operates with any Faraday Fire Alarm Panel (FACP), and provides 50 Watts of speaker power.

The VPS-50 includes all necessary features to provide an effective voice evacuation system. With the addition of zone splitters, remote microphone panels, and expander modules, the VPS-50 can be custom configured to satisfy the needs of most applications.

The VPS-50 has its own power supply and battery charger. Panel must be wired with 120 VAC and standby batteries connected.

A digital message repeater (DMR) is built into VPS-50. The selection of alarm tone and automatic message repeats, as well as the 6 Hour delay of the AC power failure reporting feature are all field configurable.

The paging microphone is an integral component. Removal of the microphone from the panel will cause a "trouble" condition which will be reported locally, as well as through the FACP.

The VPS-50 is housed in an attractive surface or semi-flush mounted backbox, with a hinged and key locked door.



VPS-50 With Keylocked Door Removed

### Engineering Specifications

The voice evacuation system shall be Faraday VPS-50 or approved equal.

The voice evacuation system shall provide 50 watts signal power and 50 watts voice power, and shall be UL listed.

The voice evacuation system shall be microprocessor based, and shall contain an integral microphone, 50-Watt audio amplifier, tone generator, digital message repeater, 120VAC power supply and battery charger.

The voice evacuation message/signal shall be broadcast until the Fire Alarm Control Panel (FACP) is reset, or until fire emergency personnel interrupt the broadcast with a manual page. On reset system shall automatically return to standby (normal operating) condition.

A secondary message shall be provided which can be triggered by the closure of a contact from either the FACP or from any normally open contact device.

Remote paging microphone(s) will be supported by the system through a supervised circuit. Remote microphone(s) may be mounted up to 5,000 feet away from the voice evacuation panel.

## Specifications

### Primary Power

120VAC @ 0.8A

### 24 VDC Battery Power

0.18A Standby, 1.00A Alarm

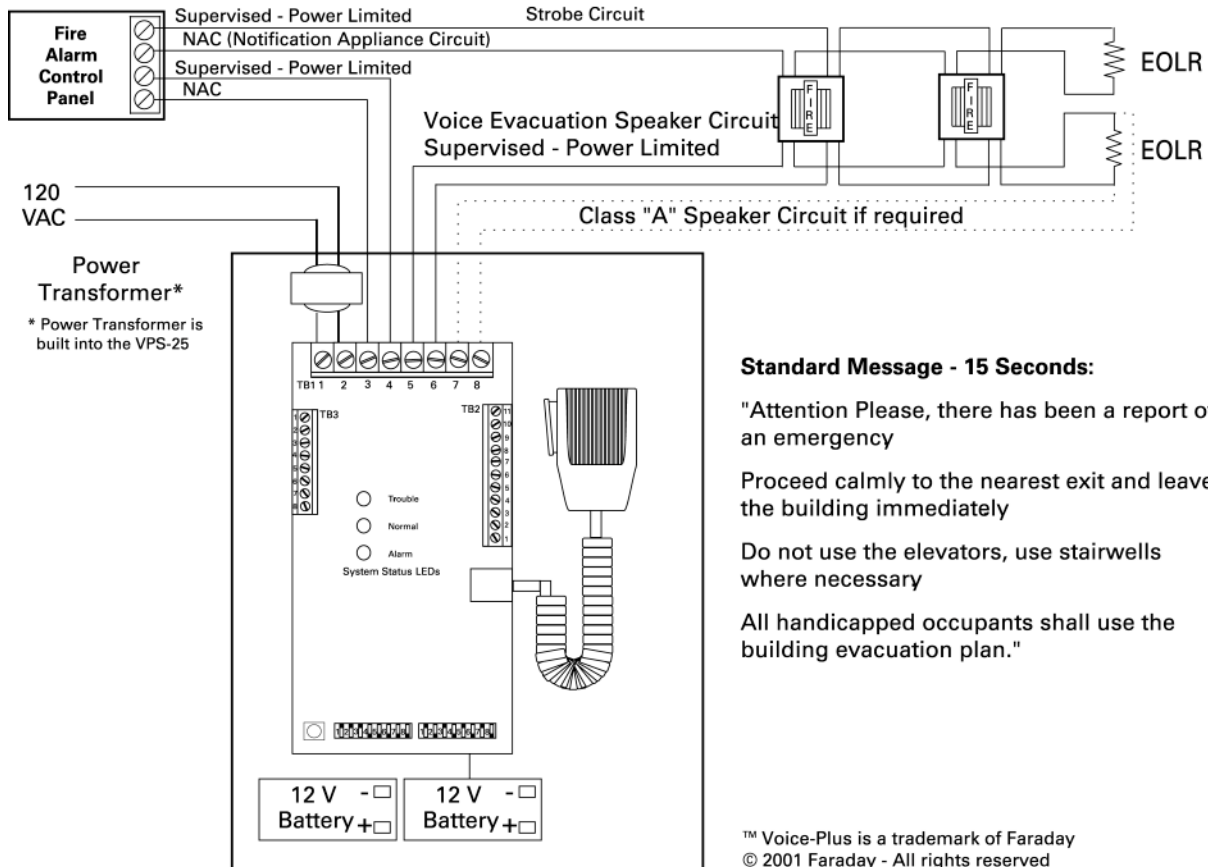
### Output

50 Watts @ 25/70 VRMS, Tone and Voice

### Backbox Dimensions

14-1/2" (W) x 18" (H) x 4" (D)

## Typical Wiring



## Ordering Information

Model	Description	Part No.
VPS-50	50W w/digital message repeater, power supply and microphone	500-649131FA
VPS-50/4Z	same as above w/four speaker circuits	500-649132FA
VPS-50/8Z	same as above w/8 speaker circuits	500-649133FA
VP-50	same as VPS-50, less cabinet	500-649134FA
<b>Accessories</b>		
VP-4Z	Four zone splitter	500-649147FA
VP-2ZA	Class "A" module	500-649148FA



Siemens Building Technologies, Inc.  
 8 Fernwood Road • Florham Park, NJ 07932  
 Tel: (973) 593-2600 • Fax: (973) 593-6670  
 Web: www.faradayfirealarms.com

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