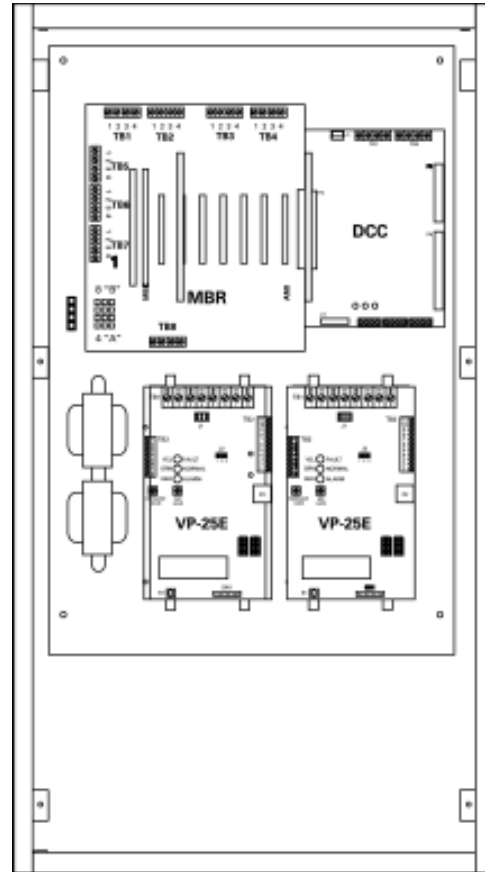


## Model VPD-DP25/50/100 Voice-Plus™ Voice Evacuation System-Distributed Panel

### Features

- True Multiplex 6 Channel Distributed Audio
- Integrated Fire Phone, Area of Rescue, and Fan & Damper Control capability
- Modular System - components added as needed
- integrated 2 Channel Digital Message Repeater
- Live Microphone Page to any zone
- Fast RS-485 Communication Protocol
- Fully Supervised
- Easy Installation and Operation
- Natural Sound Voice Recordings
- Built in Alarm and Alert Signals
- Up to four Minute Message Capacity
- Works with 12VDC or 24VDC Fire Alarm Panel
- Works with Analog/Addressable and Microprocessor based Fire Alarm Panels
- 3 Minute Message Restart on Microphone Key
- Made in the USA
-  UL, NYMEA & CSFM listed



VPD-DP25/50/100

### Description

The Faraday **VPD-DPS25/50/100** Evacuation Systems operate in conjunction with the Fire Alarm Control Panel (FACP) in a building to provide automatic response to life safety emergencies.

The VPD-DPS25/50/100 includes all necessary features to provide an effective voice evacuation system. The VPD-DPS25/50/100 can be custom configured to satisfy the needs of any high rise application.

Fire department authorities can easily take command of evacuation or relocation procedures and emergencies. Building management and fire brigades can monitor and control emergency response even before the professionals arrive.

The VPD-DP system includes capacity for 6 channels of simultaneous audio. This provides for evacuation, stay-in-place, or other public address announcements and automatic messages.

Fire Fighter Phones or Warden Stations may be included as required. Area-of-Rescue stations can reassure handicapped occupants that help is on the way. Smoke control, stair pressurization, and HVAC shutdown can be completely automatic, unless controlled manually by management or fire authorities.

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## System Configuration

### Basic system includes:

- Distributed panel
- Four output zones (may be configured for 8)
- Dual channel audio interface
- Dual/Single channel amplification

### Amplifier options:

- 25/50/100W dual channel
- 25/50/100W single channel

### Maximum system configuration:

- Up to 256 distributed panels (VPD-DP)

### Options:

- Integrated fire phone
- Four circuits, expandable to 8 or 12

## Specifications

### Primary Power

120 VAC, 24 VDC Battery Power

### Electrical Ratings: All Circuits @ 24VDC

VP-DCC: Standby: 55 mA, Alarm: 55 mA

VP-MBR: Standby: 10 mA, Alarm: 55 mA

VP-AMI: Standby: 10 mA, Alarm: 10 mA

VP-FPI: Standby: 13 mA, Alarm: 13 mA

### Battery Charging

Maximum charging current from VP-25 is 800 mA.

Maximum battery size is 17AH.

### Communications Bus

RS-485 standard, 1M baud data rate, category 5 cable

Voltage: 5V peak-to-peak max.

Current: 50 mA max.

Impedance: 120 Ohms  
(max. imp. between panels)

Frequency: 1.024 MHz

### Backbox Dimensions

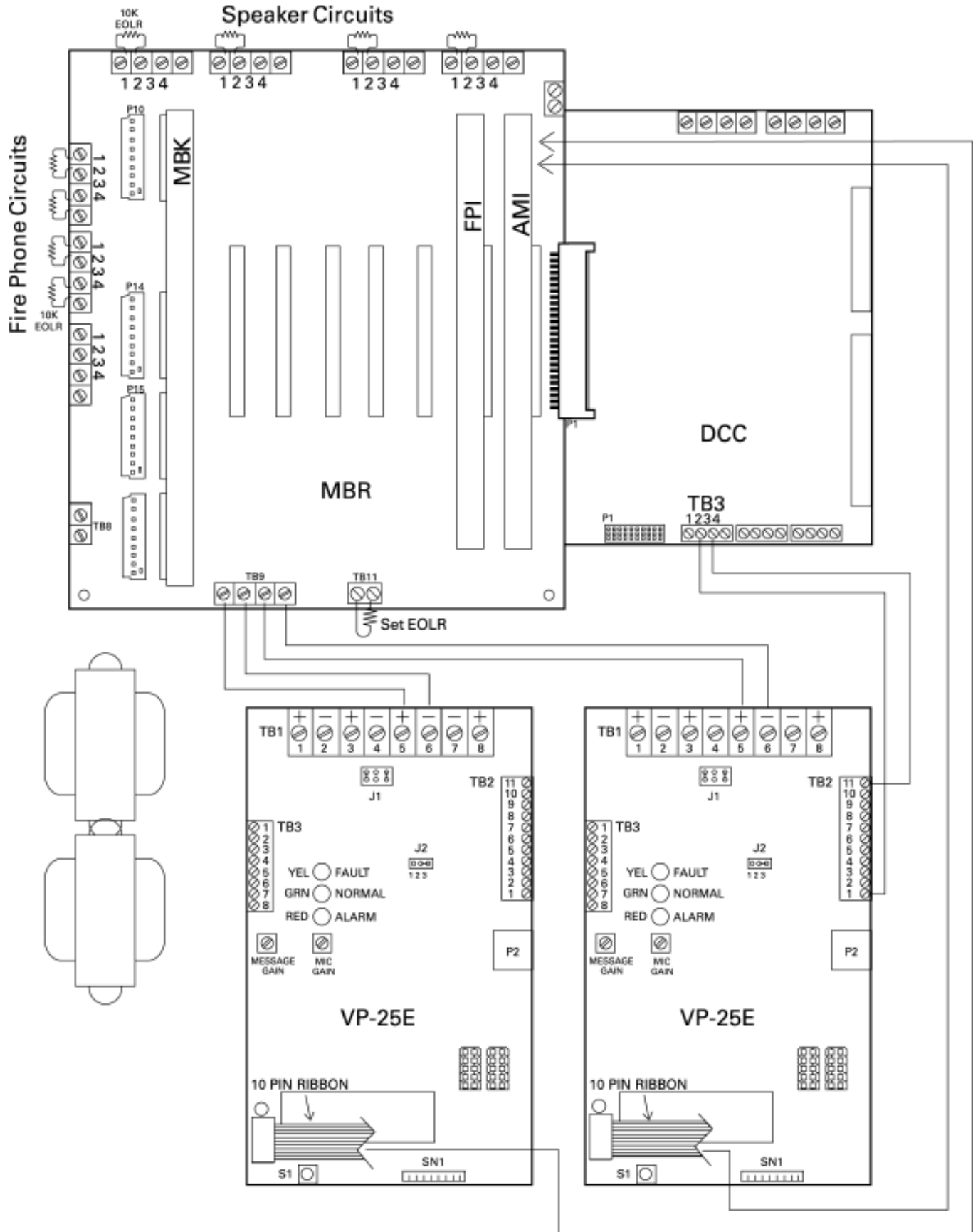
14-1/2" (W) x 27" (H) x 4" (D)

## Ordering Information

Model	Description	Part No.
VPD-DPS25	Dist. panel, single channel, 25W	500-649181FA
VPD-DPS50	Dist. panel, single channel, 50W	500-649182FA
VPD-DPS100	Dist. panel, single channel, 100W	500-649183FA
VPD-DPS25/P	same as VPD-DPS25 w/phone	500-649184FA
VPD-DPS50/P	same as VPD-DPS50 w/phone	500-649185FA
VPD-DPS100/P	same as VPD-DPS100 w/phone	500-649186FA
VPD-DP25	Dist. panel, dual channel, 25W	500-649187FA
VPD-DP50	Dist. panel, dual channel, 50W	500-649188FA
VPD-DP100	Dist. panel, dual channel, 100W	500-649189FA
VPD-DP25/P	same as VPD-DP25 w/phone	500-649190FA
VPD-DP50/P	same as VPD-DP50 w/phone	500-649191FA
VPD-DP100/P	same as VPD-DP100 w/phone	500-649192FA
<b>Accessories</b>		
VP-MBK	Mother board relays (8) class "B" or (4) class "A" circuits	500-649203FA
VP-FPI	Fire phone interface card	500-649200FA
VP-FPO	Fire phone output card	500-649201FA

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# Wiring Detail





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**WARNING** - The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information, are provided with the product and are available from the Manufacturer. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact the Manufacturer.