


## Model VPC-MP16/32/48/64/80/96 Voice-Plus™ Voice Evacuation System-Master 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
- Easy Installation and Operation
- Natural Sound Voice Recordings
- Built in Alarm and Alert Signals
- Up to 4 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

### Description

The Faraday VPC-MP Evacuation System operates in conjunction with the Fire Alarm Control Panel (FACP) in a building to provide automatic response to life safety emergencies.

The VPC-MP includes all necessary features to provide an effective voice evacuation system. The VPC-MP 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 VPC-MP 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



VPC-MP64

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.

### System Configuration

#### Basic system includes:

- Master panel
- Master microphone control
- 16 switch control points
- Dual channel DMR
- High speed communication loop

#### Options:

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

#### Maximum System Configuration

Up to 1000 monitor and control points

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## Specifications

### Primary Power

120 VAC, 24 VDC Battery Power

### Electrical Ratings: All Circuits @ 24VDC

VP-DCC: Standby: 80 mA, Alarm: 80 mA  
VP-ASC: Standby: 30 mA, Alarm: 30 mA  
VP-MFP: Standby: 10 mA, Alarm: 10 mA  
VP-SSC: Standby: 25 mA, Alarm: 25 mA  
VP-SLC: Standby: 6 mA, Alarm: 6 mA  
VP-MMC: Standby: 45 mA, Alarm: 45 mA  
VP-IOI: Standby: 20 mA, Alarm: 20 mA

### 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)

### Color

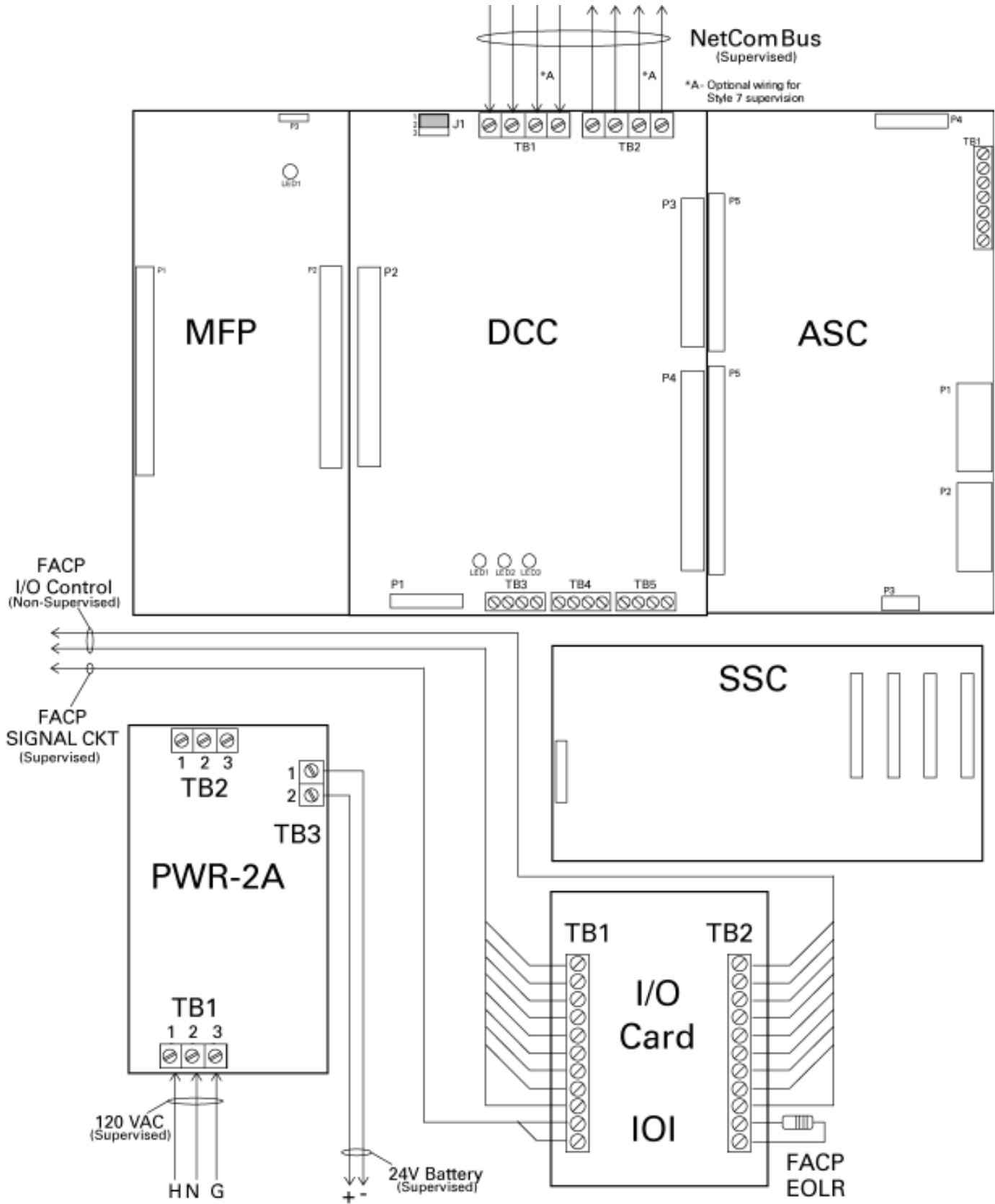
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## Ordering Information

Model	Description	Part No.
VPC-MP16	Master panel, 16 switch control	500-649169FA
VPC-MP32	Master panel, 32 switch control	500-649170FA
VPC-MP48	Master panel, 48 switch control	500-649171FA
VPC-MP64	Master panel, 64 switch control	500-649172FA
VPC-MP80	Master panel, 80 switch control	500-649173FA
VPC-MP96	Master panel, 96 switch control	500-649174FA
VPC-MP16/P	same as VPC-MP16, w/phone	500-649175FA
VPC-MP32/P	same as VPC-MP32, w/phone	500-649176FA
VPC-MP48/P	same as VPC-MP48, w/phone	500-649177FA
VPC-MP64/P	same as VPC-MP64, w/phone	500-649178FA
VPC-MP80/P	same as VPC-MP80, w/phone	500-649179FA
VPC-MP96/P	same as VPC-MP96, w/phone	500-649180FA
<b>Accessories</b>		
VP-SSC	Switch scan card	500-649208FA
VP-SLC	Switch/LED card	500-649207FA

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# Wiring Detail





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