

Farenhyt



**SILENT
KNIGHT**

by Honeywell

Voice Evacuation

Intelligent 50 Watt Amplifier

VIP-50

The VIP-50 is an intelligent 50 watt amplifier for use with the IFP-100VIP, IFP-1000VIP and IFP-2000VIP. The VIP-50 is used to amplify the audio message for distribution throughout the facility. Since it is designed as a self-contained distributed amplifier it can be conveniently located near the area of protection to reduce wiring demands. Each VIP-50 is capable of producing 50-watts of audio power. Up to eight VIP-50s can be used on the voice evacuation system. The VIP-50 has its own power supply with battery backup and four speaker circuits which can be expanded to eight speaker circuits with the optional VIP-CE4. The VIP-50 is fully supervised by the main panel for trouble conditions.

Features

- SBUS addressable, up to eight VIP-50s per system for a total of 400 watts
- Each VIP-50 is supervised and has four onboard audio circuits expandable to eight with the VIP-CE4 for a system total of 64 audio circuits
- VIP-50 uses an easy to install wire harness to connect the VIP-CE4 audio circuit expander
- Can be mounted up to 6000 feet away from VIP-Series control panel
- The VIP-50 has it's own power supply and backup battery
- Selectable for 25 volt or 70.7 volt operation
- Six-wire connection to VIP system: Two-wires for the voice bus and four-wires for the SBUS connections

Agency Listings



MEA

429-92-E Vol. XV



VIP-50

Installation

The VIP-50 can be surface or flush mounted.

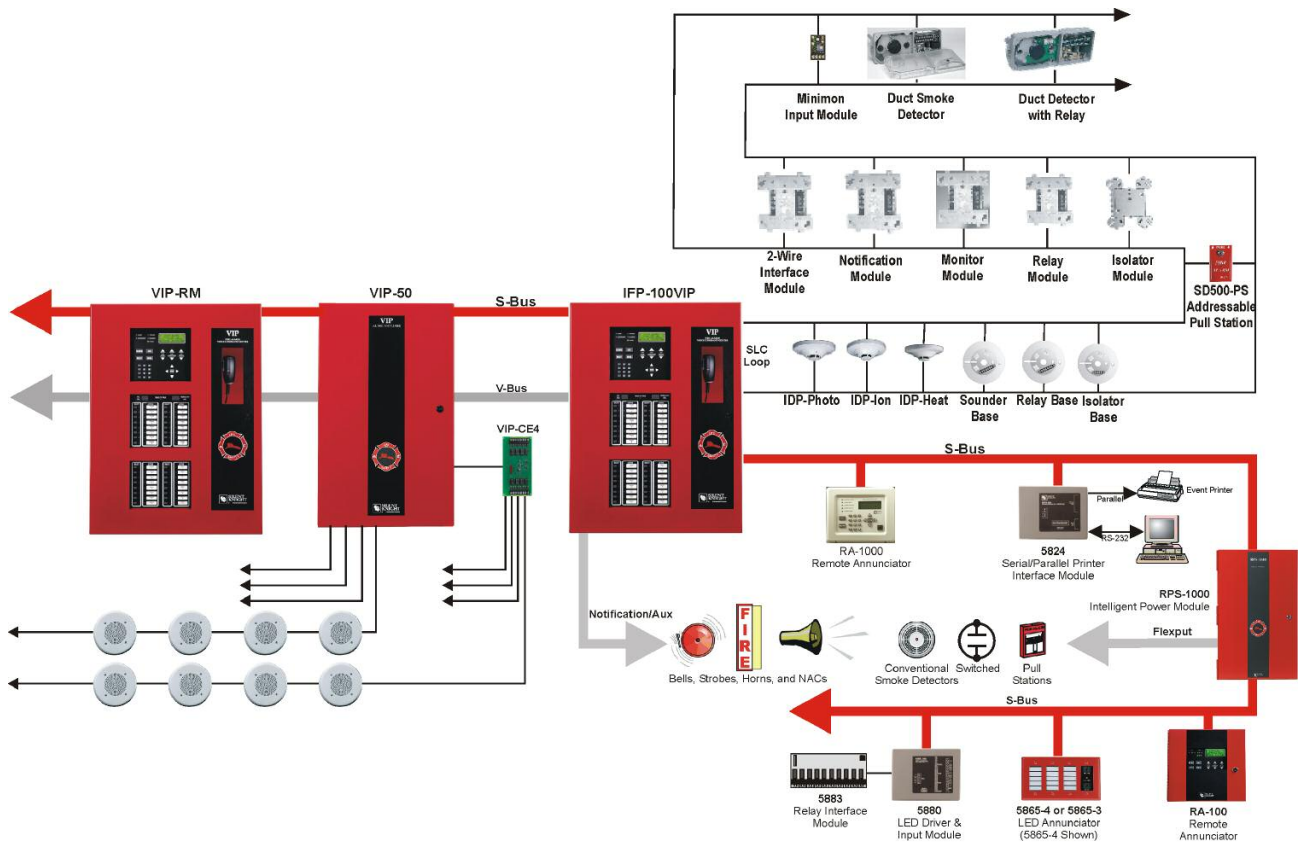
Compatibility

The VIP-50 is compatible with the following voice evacuation components:

- IFP-2000VIP Voice Integration Panel with Fire Alarm Control
- IFP-1000VIP Voice Integration Panel with Fire Alarm Control
- IFP-100VIP Voice Integration Panel with Fire Alarm Control

P/N 350397 Rev F

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IFP-100VIP System Using IDP Protocol Devices on the SLC Loop

Specifications

Physical

Flush Mount Dimensions: 14.5"W x 24.75"H x 3.4"D
(36.8 W x 62.9 H x 8.7 D cm)

Overall Dimensions: 16"W x 26.25"H x 4.1"D
(40.6 W x 66.7 H x 10.5 D cm)

Weight: 27 lbs. (12.2 kg)

Color: Red

Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

Electrical

Primary AC: 120 VAC @ 60 Hz, 1.75A or
230 VAC @ 50 Hz, 0.875A max.

Standby Current: 75 mA

Alarm Current: 700 mA

Main VIP Panel SBUS Standby & Alarm: 10 mA

Speaker Circuit: 50 watts @ 25 Vrms or 70.7 Vrms max.

Battery Charging Capacity: 7 – 35 AH

Battery Size: 18 AH max allowed in cabinet. Use RBB accessory cabinet for larger batteries up to 35AH and AB-55 for larger batteries up to 55AH.

Voice Integration Wiring:

- Six conductor
- Two voice bus
- Four SBUS

Approvals

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service.

Other Approvals: UL Listing; CSFM 7170-0559: 143; 7165-0559: 160; MEA 429-92-E Vol. XV

Ordering Information

VIP-50 Intelligent 50 Watt Amplifier.

Accessories

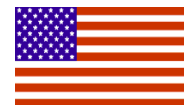
VIP-CE4 Audio Circuit Expander.

RBB Remote Battery Box Accessory Cabinet. Use for backup batteries up to 35 AH and too large to fit into VIP-50 cabinet.

AB-55 Remote Battery Box Accessory Cabinet. Use for back batteries up to 55AH and too large to fit into VIP-50 Cabinet.



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. www.farenhyt.com



Made in the U.S.A.