

FIKE 25/50/100 VOICE EVACUATION SYSTEMS

DESCRIPTION

The Fike 25/50/100 Voice Evacuation System operates with any Fire Alarm Control Panel (FACP), and provides 25/50/100 Watts of speaker power.

The Fike 25/50/100 Voice Evacuation System includes all necessary features to provide an effective voice evacuation system. With the addition of zone splitters, remote microphone panels, and expander modules, the Fike 25/50/100 Voice Evacuation System can be custom configured to satisfy the needs of most applications.

The Fike 25/50/100 Voice Evacuation System 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 the Fike 25/50/100 Voice Evacuation System. 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 Fike 25/50/100 Voice Evacuation System is housed in an attractive surface or semi-flush mounted backbox, with a hinged and key locked door.



APPROVALS

- UL Listed - S5661
- MEA: 24-041 - 307-05-E
24-044 - 307-05-E
24-047 - pending
- CSFM: 6911-0900:145

FEATURES

- Clean Dead-front Construction
- Digitally Recorded Automatic Evacuation Message (Up to 4 Minutes of Message Capacity)
- 25/50/100 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.
- 3 Minute Message Restart on Microphone Key
- 24 Hour Backup with two 12V 7Ahr Batteries
- Made in the USA

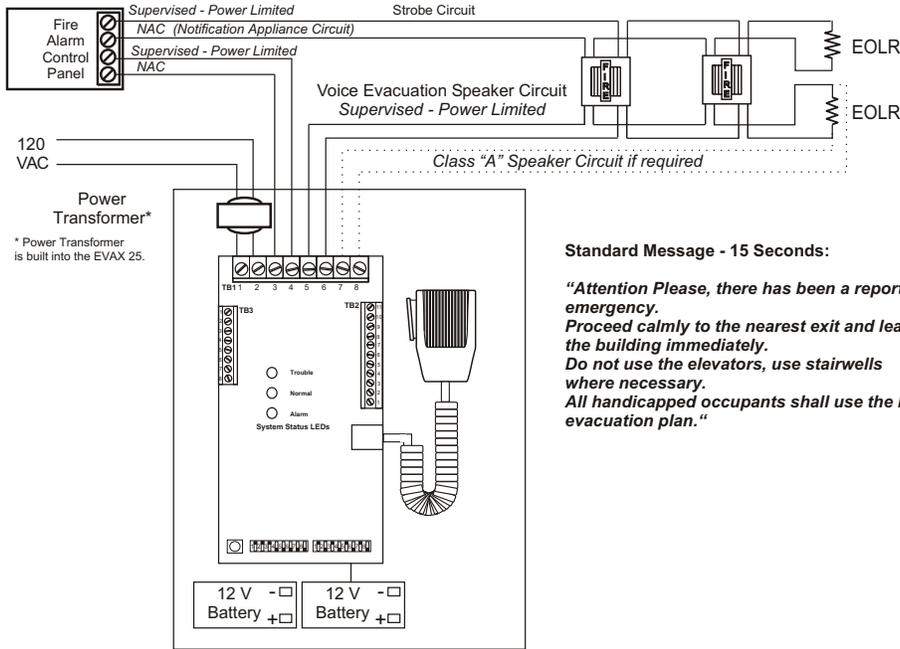
ORDERING INFORMATION

P/N	Description
24-041	25W Voice Evacuation System
24-042	25W Voice Evacuation System w/4 speaker circuits
24-043	25W Voice Evacuation System w/8 speaker circuits
24-044	50W Voice Evacuation System
24-045	50W Voice Evacuation System w/4 speaker circuits
24-046	50W Voice Evacuation System w/8 speaker circuits
24-047	100W Voice Evacuation System
24-048	100W Voice Evacuation System w/4 speaker circuits
24-049	100W Voice Evacuation System w/8 speaker circuits
24-050	100W Voice Evacuation System w/12 speaker circuits
24-051	100W Voice Evacuation System w/16 speaker circuits

All Voice Evacuation Systems include the following:
 Power Supply/Battery Charger
 Paging Microphone
 Digital Message Repeater

Form No. P.1.01.01-1

TYPICAL INSTALLATION



ENGINEERS SPECIFICATIONS

The voice evacuation system shall be Fike 25/50/100 Voice Evacuation System or approved equal.

The voice evacuation system shall provide 25/50/100 watts signal power and 25/50/100 watts voice power, and shall be UL listed. All speaker circuits shall be field selectable for 25 or 70 Vrms operation and shall be power limited.

The voice evacuation system shall be micro-processor based, and shall contain an integral microphone, 25/50/100 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 5000 feet away from the voice evacuation panel.

TECHNICAL CHARACTERISTICS

	Fike 25	Fike 50	Fike 100
Primary Power	120VAC @ 0.8A	120VAC @ 0.6A	120VAC @ 2A
24 VDC Battery Power	0.18A Standby, 1.00A Alarm	0.130A Standby, 1.0A Alarm	0.180A Standby, 2.5A Alarm
Output	25 Watts @ 25/70 VRMS Tone and Voice	50 Watts @ 25/70 VRMS Tone and Voice	100 Watts @ 25/70 VRMS Tone and Voice
Backbox Dim	14.5 x 18 x 4" (w-h-d)	14.5 x 18 x 4" (w-h-d)	14.5 x 18 x 4" (w-h-d)
Color	Red	Red	Red



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Form No. P.1.01.01-1 September, 2008 Specifications are subject to change without notice.