



Features:

- Clean Dead-front Construction
- Digitally Recorded Automatic Evacuation Message (Up to 4 Minutes of Message Capacity)
- 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
- Studio Quality Voice Recordings
- Built in Alarm and Alert Signals
- Up to 4 Minute Message Capacity
- Works with 12VDC or 24VDC Fire Alarm Panels
- Works with Microprocessor based and Networked Fire Alarm Systems
- 3 Minute Message Restart on Microphone Key
- 24 Hour Backup with two 12V 7AHr Batteries

Description:

The FGVAX 100 operates with any Fire Alarm Control Panel (FACP), and provides 100 Watts of speaker power.

The FGVAX 100 includes all necessary features to provide an effective voice evacuation system. With the addition

of zone splitters, remote microphone panels, and expander modules, the FGVAX 100 can be custom configured to satisfy the needs of most applications.

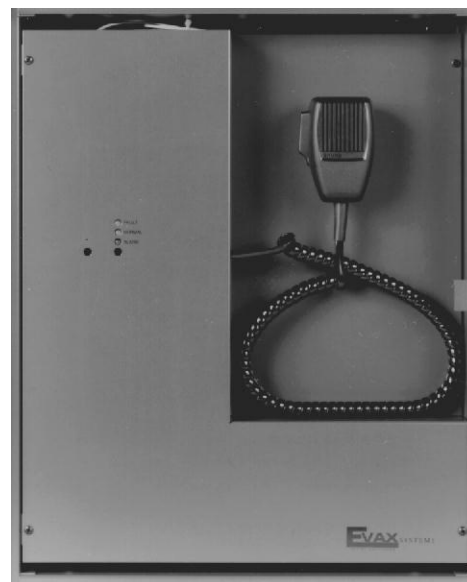
The FGVAX 100 has its own power supply and battery charger. Panel must be wired with 120 VAC and standby batteries connected.

A digital message repeater (DMR) is built into the FGVAX 100. 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 FGVAX 100 is housed in an attractive surface or semi-flush mounted backbox, with a hinged and key locked door.

FGVAX 100 Voice Evacuation System



FGVAX 100 shown with Keylocked Door Removed

Listings:



S5661



6911-1446:100

Ordering Information:

Description

100W Voice Evacuation System, with: FGVAX100
Power Supply / Battery Charger
Paging Microphone
Digital Message Repeater

100W Voice Evacuation System, with: FGVAX 100/4Z
4 Speaker Zones

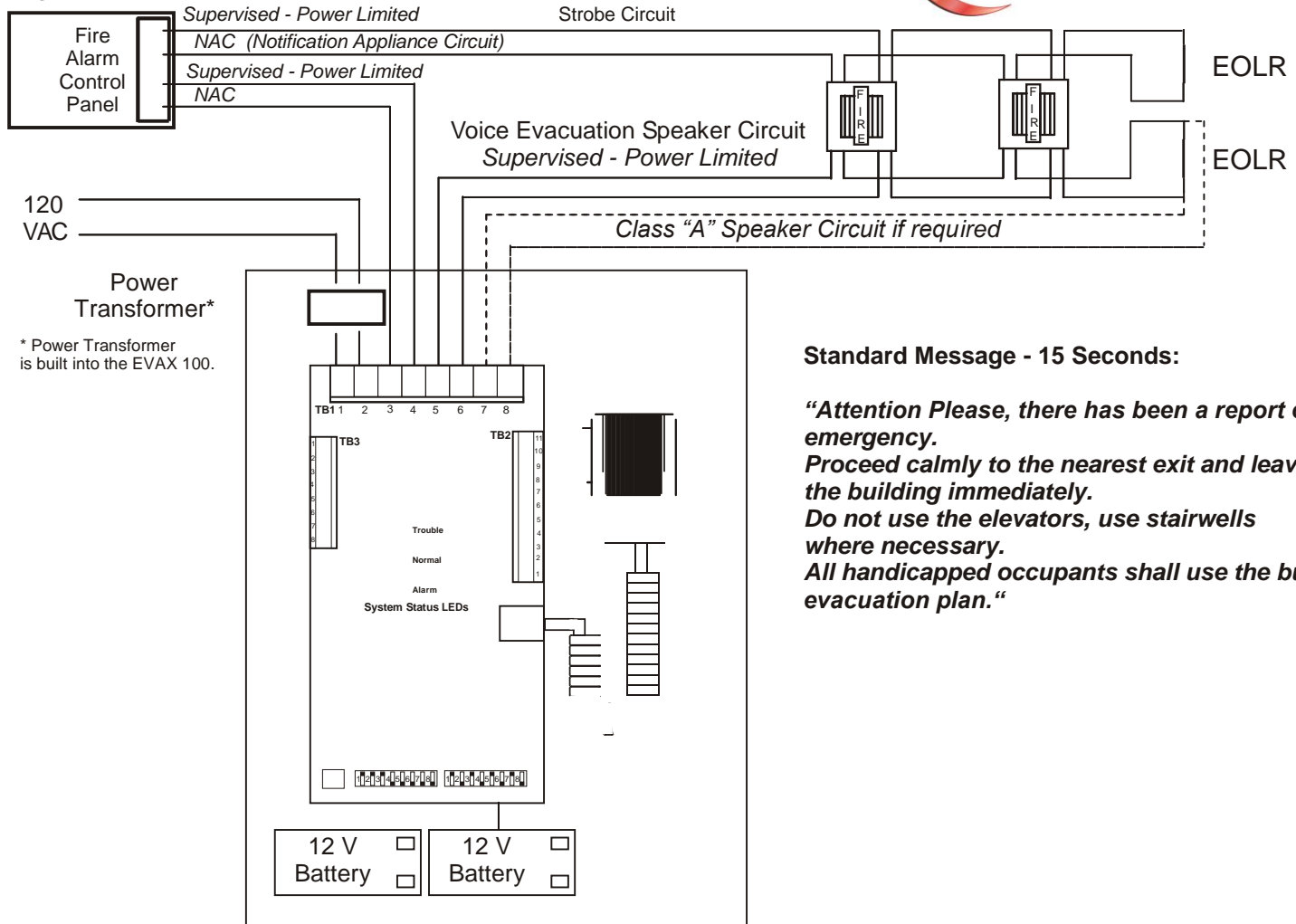
100W Voice Evacuation System, with: FGVAX 100/8Z
8 Speaker Zones

100W Voice Evacuation System, with: FGVAX 100/12Z
12 Speaker Zones, in a Large Cabinet
14.5 x 27 x 4" w*h*d*

100W Voice Evacuation System, with: FGVAX 100/16Z
16 Speaker Zones, in a Large Cabinet
14.5 x 27 x 4" w*h*d*



Typical Installation:



Standard Message - 15 Seconds:

***"Attention Please, there has been a report of an emergency.
Proceed calmly to the nearest exit and leave the building immediately.
Do not use the elevators, use stairwells where necessary.
All handicapped occupants shall use the building evacuation plan."***

Technical Characteristics:

Primary Power:	120VAC @ 2A
24 VDC Battery Power:	0.180A Standby 2.5A Alarm
Output:	100 Watts @ 25/70 VRMS Tone and Voice
Backbox Dim:	14.5 x 18 x 4" <i>w-h-d</i>
Color:	Charcoal Grey- <i>std</i> Red- <i>optional</i>

Engineers Specifications:

The voice evacuation system shall be FIREGUARD Systems Series FGVAX 100 or approved equal.

The voice evacuation system shall provide 100 watts signal power **and** 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,

Specifications (continued)

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.

Specifications are subject to change without notice. Specifications are provided for information only and no responsibility is assumed by Fireguard Safety Equipment Co Ltd. For their use.