

Features:

- Clean Dead-front Construction
- Digitally Recorded Automatic Evacuation Message (Up to 4 Minutes of Message Capacity)
- 50 Watt High Efficiency Digital 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.

Description:

The EVAX 50 operates with any Fire Alarm Control Panel (FACP), and provides 50 Watts of speaker power..

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

The EVAX 50 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 EVAX 50. 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 EVAX 50 is housed in an attractive surface or semi-flush mounted backbox, with a hinged and key locked door.

EVAX 50 Voice Evacuation System



EVAX 50 shown with Keylocked Door Removed

Listings:

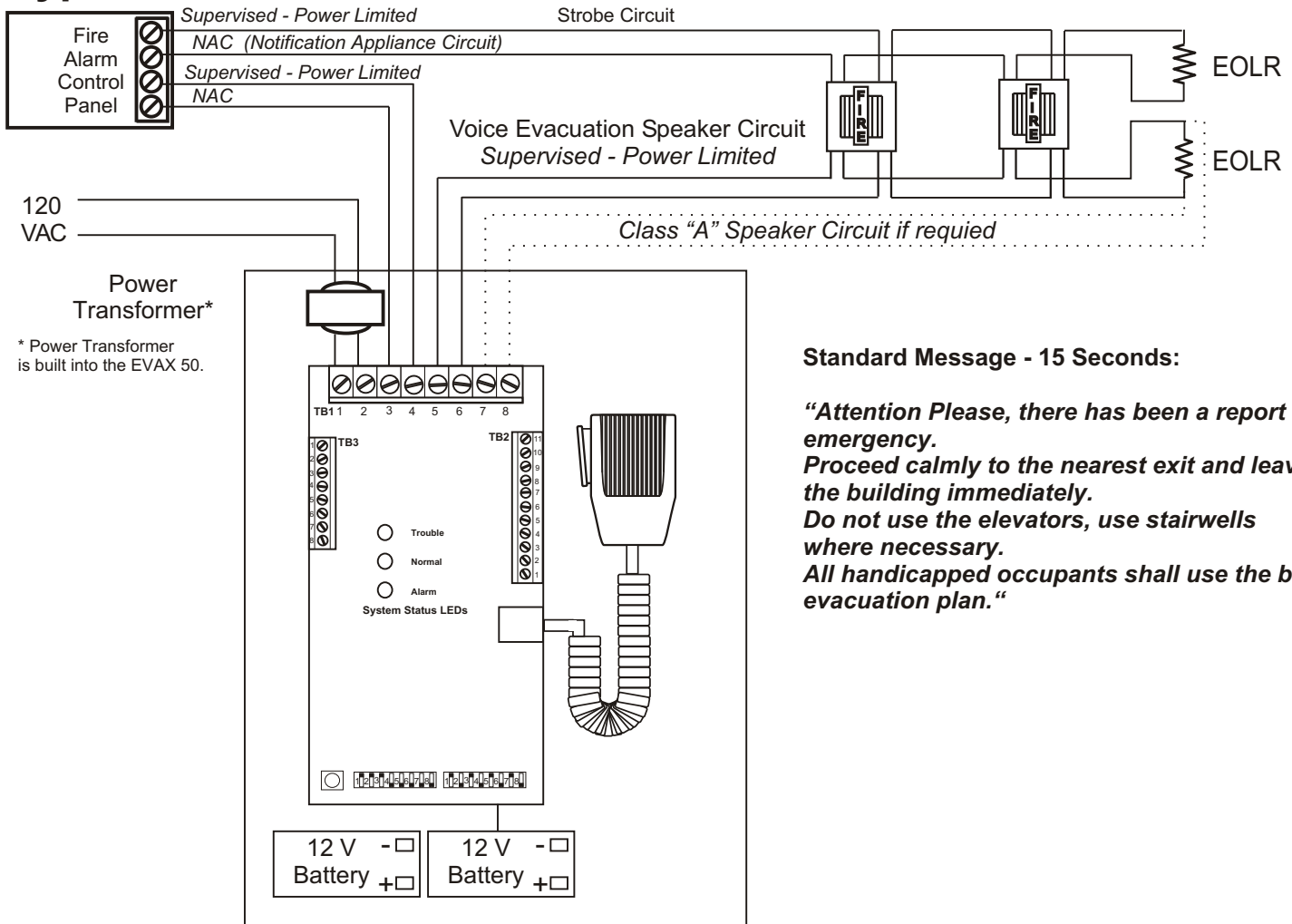


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Ordering Information:

Description	Model Number
50W Voice Evacuation System, with: Power Supply / Battery Charger Paging Microphone Digital Message Repeater	EVAX 50
50W Voice Evacuation System, with: 4 Speaker Zones	EVAX 50/4Z
50W Voice Evacuation System, with: 8 Speaker Zones	EVAX 50/8Z

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 @ 0.6A
24 VDC Battery Power:	0.130A Standby 1.0A Alarm
Output:	50 Watts @ 25/70 VRMS Tone and Voice
Backbox Dim:	14.5 x 18 x 4" w•h•d
Color:	Charcoal Grey•std Red•optional

Engineers Specifications:

The voice evacuation system shall be Evax Systems Series EVAX 50 or approved equal.

The voice evacuation system shall provide 50 watts signal power **and** 50 watts voice power, and shall be UL listed.

The voice evacuation system shall be micro-processor based, and shall contain an integral microphone,

Specifications (continued)

50 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.