



GVA100 shown with Keylocked Door Removed



277-96-E 6911-1446:103 LISTED #524757

Voice Evacuation System

GVA Series

Description

The GVA Series operates with any Fire Alarm Control Panel (FACP), and provides 100, 50, 25 Watts of speaker power.

The GVA Series includes all necessary features to provide an effective voice evacuation system.

With the addition of zone splitters, remote microphone panels, and expander modules, the GVA Series can be custom configured to satisfy the needs of most applications.

The GVA Series has its own power supply and battery charger. Panel must be wired with 220 VAC and standby batteries connected.

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

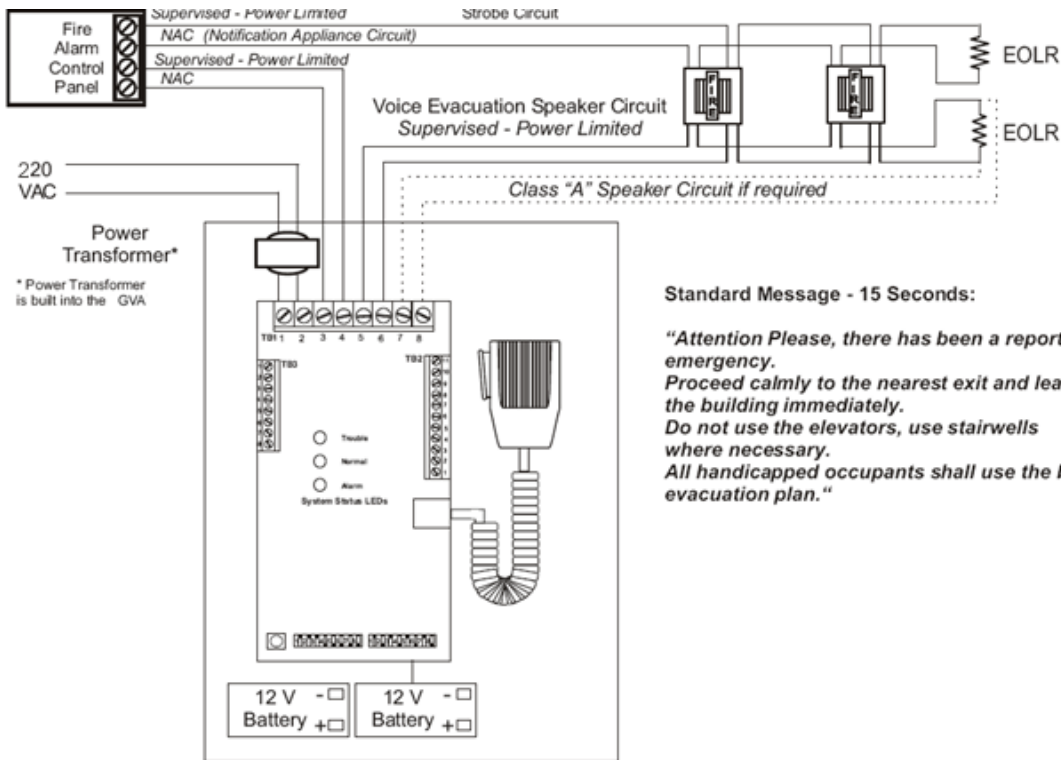
Features and Benefits

- Clean Dead-front Construction
- Digitally Recorded Automatic Evacuation Message (Up to 4 Minutes of Message Capacity)
- 100, 50, 25 Watt Bullet-Proof Amplifier
- 25 or 70 VRMS Field Selectable
- 220 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
- 3 Minute Message Restart on Microphone Key
- 24 Hour Backup with two 12V 7AHr Batteries

Technical Characteristic

- Primary Power: 220VAC @ 2A
- 24 VDC Battery Power: 0.180A
Standby 2.5A Alarm
- Output: 100, 50, 25 Watts @ 25/70VRMS Tone and Voice
- Backbox Dim: 14.5 x 18 x 4" w-h-d
- Colour: Charcoal Grey-std Red-optional

Technical 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."

Note:

GVA25 10W max per zone
GVA50/100 25W max per zone
The total speaker load is not to exceed output rating of the amplifier

Engineers Specifications

The voice evacuation system shall be GST Voice Alarm Systems GVA Series or approved equal. The voice evacuation system shall provide 100, 50, 25 watts signal power **and** 100, 50, 25 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, 100, 50, 25 Watt audio amplifier, tone generator, digital message repeater, 220VAC 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 r eset 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.

Ordering Information

Part Number: GVA25-4Z

Description: Conventional Voice Evacuation Panel, 25 Watts, 4 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 533.4H x 177.8D

Part Number: GVA25-8Z

Description: Conventional Voice Evacuation Panel, 25 Watts, 8 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 533.4H x 177.8D

Part Number: GVA50-4Z

Description: Conventional Voice Evacuation Panel, 50 Watts, 4 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 533.4H x 177.8D

Part Number: GVA50-8Z

Description: Conventional Voice Evacuation Panel, 100 Watts, 8 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 533.4H x 177.8D

Part Number: GVA100-8Z

Description: Conventional Voice Evacuation Panel, 100 Watts, 8 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 533.4H x 177.8D

Part Number: GVA100-16Z

Description: Conventional Voice Evacuation Panel, 100 Watts, 16 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 762H x 177.8D

Part Number: GVA200-8Z

Description: Conventional Voice Evacuation Panel, 200 Watts, 8 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 762H x 177.8D

Part Number: GVA200-16Z

Description: Conventional Voice Evacuation Panel, 200 Watts, 16 Zone Class B, Includes DMR Standard message, with Microphone, Power Supply and Battery Charges, Excludes Batteries. Enclosure 469.9W x 762H x 177.8D