EVAX

by **POTTER**

Features

- 100W Mass Notification System
- Expandable to 2000W
- Digitally Recorded Evac/MNS Messages/Tones (20 Minute Message Capacity)
- Live Microphone Override of Message and Tones
- 120 VAC Power Supply and Battery Charger
- Live Microphone Override of Message and Tone
- Up to 30 LOCs
- High Reliability, No Maintenance, Fully Supervised
- Easy Installation and Operation
- High Quality Voice Recordings
- Works with 12VDC or 24VDC Fire Alarm Panels Works with Microprocessor based and Networked Fire Alarm Systems
- 3 Minute Message Restart on Microphone Key
- Made in the USA

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Description

The EVAX 100M provides a Mass Notification System with maximum flexibility to meet the needs of any application.

The 100M can operate as a Standalone system or tie into a Fire Alarm Control Panel (FACP), where Fire and MNS is required.

Separate output control make dual strobe control simple, while optional cards make zone, message, input and output control easily to configure. The USB input allows for uploading custom messages/tones and configuration files to meet any requirement.

LOCs enable sustem to have up to 30 remote control locations. Any function in the system is available at both the Primary, ACU or the LCU locations.

Technical Specifications

Back Box Dimensions (WxHxD)	14.5 x 27 x 4"
Color	Charcoal Grey (Standard) Red (Optional)
Primary Power	120VAC @ 120VAC
24VDC Battery Power	0.18AStandby 2.5A Alarm
Output	100 Watts @ 25/70VRMS

System Options

EVX-RM8/EVX-RM16 Local Operating Console (LOC)
Remote MIC with Switch Control. Active/Fault LED flashes *Green* to indicate communication, steady *Amber* to indicate fault. In-use LED indicated by steady *Red* to show lockout. Remote MIC is locked out if any other MIC is being actively used. Remote MIC will be able to page once the press to talk (PPT) button on the in-use MIC is released. Primary MIC in the EVAX 100M will always have the highest priority and will be able to override any Remote MIC.

EVX-SL8 Switch LED Card
Eight (8) SPDT Momentary Switches and eight (8) Tri-Color LEDs (*Green/Amber/Red*)
Switches may be programmed for Message Activation, Paging or Control. Switch LEDs will indicate steady *Green* on Message Activation, *Red* on Page/Alarm, *Amber* on Fault with associated Zone.

EVX-IL8 Input LED Card
Eight (8) Input Points and eight (8) LEDs (*Red*)
Inputs will accept external N.O. Dry contacts. Inputs may be programmed for Message Activation or Control. On activation, corresponding Input LED will indicate.

EVX-OL8 Output LED Card
Eight (8) Output Points and eight (8) LEDs (*Red*)
Outputs are a solid state N.O. Dry Contact, 120mA Max @ 0 - 240V. Outputs may be separately tied to a Voltage, 0 to 240V, and feed that Voltage as a drive point. Outputs 1 - 4 and Outputs 5 - 8 may use the same or different Voltage references. Outputs may be programmed to follow Message Activation, Page or Control. On activation, corresponding Input LED will indicate.

EVX-ZM Zone Splitter
Four (4) Class B or two (2) Class A 25/70 Vrms Speaker circuits. Class and voltage field selectable.
Output circuits are separately supervised and short circuit protected.

Maximum configuration within a single cabinet:
EVAX 200M 32/16Z
200W Audio with 32 switches. 16 Class B or 8 Class A Zones.

Engineering Specifications

The Mass Notification System shall be Evax Systems Series EVAX 100M or approved equal. The Mass Notification System shall provide 100 watts signal power and 100 watts voice power, and shall be Listed to UL864 and UL2572. All speaker circuits shall be field selectable for 25 or 70 Vrms operation and shall be power limited.

The Mass Notification System shall be micro-processor based, and shall contain an integral microphone, 100 Watt audio amplifier, tone generator, digital message repeater, 120VAC power supply and battery charger. The Evac/MNS message/signal shall be broadcast continually until reset manually or by a FACP Silence/Reset. An option for a 10 minute timeout must be provided. Emergency personnel may interrupt the broadcast with a manual page. On reset, System shall automatically return to standby (normal operating) condition.

System must have capacity for a minimum of 16 messages. Messages may be activated by either manual control or by automatic input from either the FACP or from any normally open contact device.

Remote paging microphone(s) will be supported by the System and be capable of Switch control Page Zones, Messages or Control points. Remote microphone(s) may be mounted up to 3000 feet from the System and be fully supervised. System must be capable of supporting up to 30 Remote Microphones.

Ordering Information

Description	Stock No.
100W Mass Notification System with: Power Supply/Battery Charger Paging Microphone Digital Message Repeater	EVAX 100M
200W Mass Notification System with: Two (2) 100W circuits	EVAX 200M