

Features

- 100W, Single Channel
- Microphone Included
- 120VAC or 240VAC selectable
- 8 Class B or 8 Class A speaker outputs
- Selectable for 25V or 70V
- 4 inputs for message activation
- Trouble, AC, and ECS relay outputs
- 1VRMS auxiliary input to receive audio from external audio sources
- P-Link communication bus (Class A or Class B) to connect accessories for system expansion
- V-Link audio bus (Class A or Class B)
- Connect up to ten (10) RM-1000ECS/RM-1000ECSTL remote microphones
- Connect one (1) PSN-1000
- 4x20 User Interface (80 Characters)
- 8 Programmable Soft Keys
- Up to 60 minutes of message storage
- Text-to-speech to translate custom text through a variety of natural and fluent sounding voices
- Internal message library of predefined messages and tones
- UL 864 / UL 2572 / UL 464



Description

The EVAX-10070 conventional voice panel is designed to notify and safely evacuate building occupancy during emergency events. The panel offers new innovative features to provide reliability and safety of personnel. Included is a 100W single channel amplifier with on-board speaker outputs, trigger inputs, relay outputs, an auxiliary input, and Potter's proprietary P-Link and V-Link bus.

The speaker outputs are programmable to provide 8 Class B or 8 Class A speaker circuits, and are programmable to operate with 25VRMS or 70VRMS speakers. The main EVAX amplifier paired with the SCA-5070INT internal amplifier provides a total of 8 speaker circuits and 100W of single channel audio.

The four (4) trigger inputs are utilized for message activation to desired programmed zones. Input 1 is triggered via 8-33VDC while inputs 2-4 are triggered by a normally open dry contact closure.

The auxiliary input can be used to distribute audio from external audio sources to desired speaker outputs on the EVAX-10070 panel. The auxiliary input requires a 1VRMS input and is activated by one of the on-board inputs.

The first relay is a failsafe, dedicated Trouble Relay. The relay changes state during any trouble conditions. The second relay is a dedicated AC Relay. The relay changes based on the status of AC voltage. The third relay is dedicated ECS Relay. The relay changes during any ECS event. The three (3) relays are not programmable and

no additional mapping to the relays can take place.

The Potter proprietary P-Link communication bus and V-Link audio bus allows the EVAX-10070 to connect to the RM-1000ECS, RM-1000ECSTL and PSN-1000 for system expansion.

The EVAX-10070 also includes a user interface that provides a 4X20 display to preview system status, 8 programmable soft keys for paging and message activation, and additional soft keys for system control.

The Potter Panel Programmer comprises the state-of-the-art Audio Patterns feature which allows users to select and create audio files easily and effectively from the user's laptop. The programmer offers an internal library of predefined message and tones for common emergency conditions. Audio Patterns provides the ability to conveniently record and import audio files directly from a laptop. The exclusive Text-To-Speech feature translates custom digital text into fluent and natural sounding voices. Offering multiple voices and languages to accommodate customer preferences.

Technical Specifications

EVAX-10070	Specifications
Standby Current	115mA (reference battery calculator)
Alarm Current	346mA (reference battery calculator)
Frequency	400-3400 Hz
Cabinet Dimensions	20 x 27 x 5 (W x H x D)
Operating Temperature Range	32° to 120°F (0° to 49°)
Operating Humidity Range	Up to 93% (non-condensing)

Compatible P-Link Devices



Features	EVAX-5070	EVAX-10070	EVAX-X70
50W Single Channel Amplifier	X	X	X
4 on-board speaker circuits	X	X	X
25VRMS/70VRMS	X	X	X
8 on-board soft keys	X	X	X
4 on-board trigger inputs	X	X	X
Relay Outputs	X	X	X
AUX Input	X	X	X
SCA/DCA Amplifier Expansion			10
SCA-5070INT		X	1
RM-1000ECS	10	10	10
FFT-1000R/L			1
CIM-16			10
SB-24			1
PSN-1000E	1	1	10

Ordering Information

Model	Description	Stock No.
EVAX-10070	EVAX-10070 CONVENTIONAL VOICE PANEL	3520682
	REPLACEMENT BOARD FOR EVAX-10070 PANEL	3520686