

AU-360 Series Amplifier Modules



Description

The AU-360 Series Voice Evacuation Control Panel (VECP) amplifier module consists of a high quality audio amplifier with state-of-the-art protection circuitry, an integral tone generator, ruggedized power regulation, interface circuitry for connection to a UL Listed Fire Alarm Control Panel (FACP) and an optional preamplifier and microphone (-EM models).

A great deal of flexibility is available when utilizing the AU-360 Series amplifier module. Multiple modules can be installed together to increase the total audio power for the system and to increase the number of available speaker outputs. In addition, a variety of add-on modules are available to provide greater functionality and system customization. Please contact Signal Communications' Applications Engineering department or your local authorized distributor for additional information.

Operation

When power is applied (24 VDC and 120 VAC) the green LED will light, indicating normal supervision. A fault in the speaker loop will be directly supervised by the FACP bell circuit. An internal fault in the AU-360 Series amplifier module will cause the green LED to go out and the yellow LED to light as well as causing a fault on the FACP bell circuit. The yellow and green LEDs become modulation indicators when the microphone paging is utilized. They will flash on and off, indicating peaks in the voice paging source.

120 VAC Supervision circuitry places the module into the Battery Saver condition with minimal power drain when 120 VAC is lost and the system is operating on batteries. Normal operation is restored when either 120 VAC is restored or signaling is required (alarm or paging).

Features

- UL Listed
- CSFM Approved
- MEA Approved
- Complies with NFPA 72 & 101
- 20 Watts / 40 Watts Models
- 25 VRMS / 70 VRMS
- Listed for use with any FACP
- Built-in Tone Generator
- Fully supervised by FACP
- Fault protection
- Power limited speaker loop
- Battery Saver mode



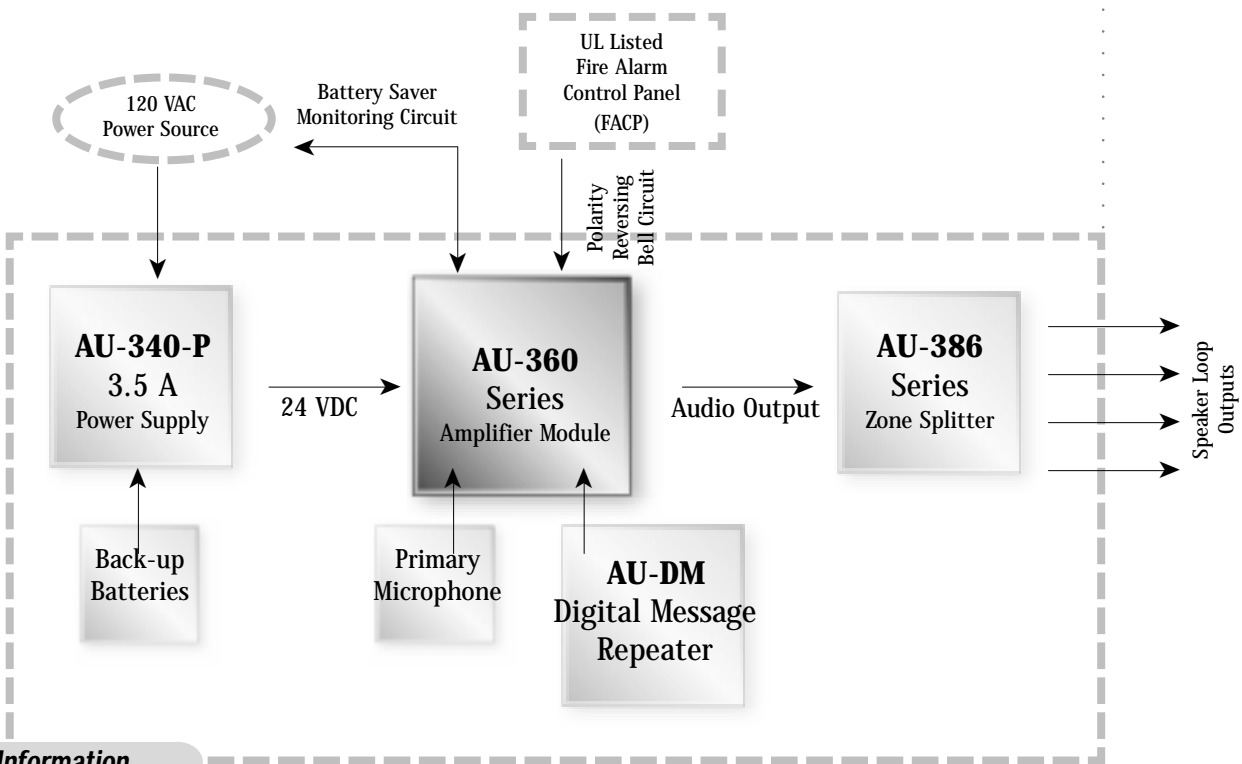
MEA



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Specifications

Output Power:	20 Watts (AU-360, AU-367) / 40 Watts (AU-380, AU-387)		
Audible Signalling Voltage:	25 VRMS (AU-360, AU-380) / 70 VRMS (AU-367, AU-387)		
Operating Voltages:	24-40 VDC		
Operating Current:	Battery Saver	Stand-by	Alarm
AU-360 / AU-367	0.006 A	0.17 A	1.2 A
AU-380 / AU-387	0.018 A	0.20 A	3.0 A
Frequency Response:	400-4000Hz (25 VRMS models) / 800-2800Hz (70 VRMS models)		
Alarm Tone:	Slow Whoop		
Microphone:	Optional tones available. Consult Factory.		
Listings:	Noise cancelling, w/ push-to-talk switch.		
	UL Listed- 864 & 1711		
	CSFM Approved 6913-1083:100		
	7300-1083:104 (High Rise)		
	MEA Approved		
Dimensions:	4.75" W x 8.75" L x 3" D		



Ordering Information

AU-360-E	20 Watt, 25 VRMS Amplifier module
AU-360-EM	20 Watt, 25 VRMS Master Amplifier w/ microphone
AU-367-E	20 Watt, 70 VRMS Amplifier module
AU-367-EM	20 Watt, 70 VRMS Master Amplifier w/ microphone
AU-380-E	40 Watt, 25 VRMS Amplifier module
AU-380-EM	40 Watt, 25 VRMS Master Amplifier w/ microphone
AU-387-E	40 Watt, 70 VRMS Amplifier module
AU-387-EM	40 Watt, 70 VRMS Master Amplifier w/ microphone



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