

by Honeywell

## Description

The AM-50 Amplifier is a component of the E3 Series<sup>®</sup>, Expandable Emergency Evacuation System and the E3 Broadband Audio Evacuation System. The AM-50 is a 25 VRMS, 50 watt, digital, switching amplifier. As many as four (4), AM-50 amplifier modules can be installed in each INX cabinet.

Each AM-50 provides two (2), speaker circuits that can be wired Style Y (Class "B") or Style Z (Class "A"). The terminal connections can accommodate up to 12 AWG, twisted, shielded wire.

Each speaker circuit produces up to 50 watts of audio power at 25 V<sub>RMS</sub> individually, through two (2), integral Class A/B speaker circuits or can divide the total 50 watts available between them in any combination. Each circuit may be individually activated.

An AM-50 can be programmed to respond to any one of the 16 messages generated from its local INI-VGX Voice Gateway or individually selected for network voice paging.

Note: The AM-50 amplifier may be installed in an INX cabinet whenever the E3 control is used in conjunction with the E3 Series<sup>®</sup>, Expandable Emergency Evacuation System.

## Specifications

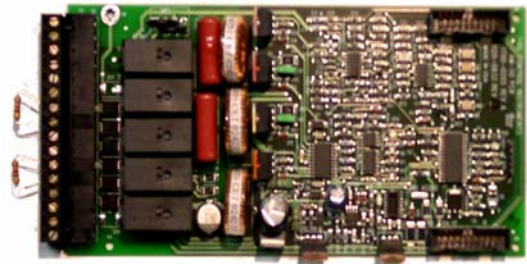
**Operating Voltage:** 24 VDC (nominal)  
**Operating Current:** 0.086 amp.\* supervisory,  
 2.206 amp max. alarm

**Operating Temperature:** 32° to 120° F (0° to 49° C)  
**Relative Humidity:** 0 to 93% max., (non-condensing)  
 at 90° F (32° C)

**Audio Output:** 50 watts max. @ 25 VRMS  
**Dimensions:** 7 1/2" W x 3 1/2" H x 1 1/4" D  
 (19 W x 9 H x 3 D cm)

E3 Series<sup>®</sup> is a registered trademark of Honeywell International Inc.

## AM-50 Amplifier



AM-50

## Features

- Listed under UL Standard 864, 9th Edition
- Digital, switching amplifier technology
- 50 watts of power
- Two (2), speaker circuits, wired Style Y (Class B) or Style Z (Class A)
- Up to four (4), AM-50s can be controlled by the INI-VGX voice gateway

## Ordering Information

Model	Description
AM-50	INX 50 watt amplifier

An ISO 9000-2000 Company



### GAMEWELL-FCI

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9020-0556 Rev. F1 page 1 of 1