



by Honeywell

# AA Series Amplifiers

## Description

The Gamewell-FCI AA Series audio amplifiers provide the latest audio technology and bulk amplification for the Gamewell-FCI E3 Series® Classic Emergency Voice Evacuation System.

Two (2) models are available. The Model AA-100 provides 100 watts @ 70.7 V<sub>RMS</sub> (power-limited), while the Model AA-120 provides 120 watts @ 25 V<sub>RMS</sub> (power-limited). Both models use high-efficiency, power-switching, regulation technology to reduce the generation of heat, and minimize the size for ease of installation.

An integral automatic back-up tone generator allows for slow whoop or high/low signal tones. The amplifiers include power supply, battery transfer control, amplifier supervision and back-up amplifier transfer control.

### Indicators and Controls

Normal Level	Green LED
Incorrect Level	Yellow LED
Amplifier Trouble	Yellow LED
Speaker Trouble	Yellow LED
Brown-out/AC Failure	Yellow LED
Battery Supervision	Yellow LED

### Specifications

<b>Rated Output:</b>	100 watts RMS (AA-100) 120 watts RMS (AA-120)
<b>Output Voltage:</b>	70.7 V <sub>RMS</sub> (AA-100) 25 V <sub>RMS</sub> (AA-120)
<b>Total harmonic distortion@ 1 kHz:</b>	4.0%
<b>Frequency response (+3, -1dB):</b>	170-7,500 Hz
<b>Supply Voltage:</b>	120 V, 60 Hz
<b>Power consumption @ 120 VAC:</b>	Standby: .306 A Alarm: 1.85 A
<b>24 VDC (battery) consumption:</b>	Standby: .051 A Alarm: 6.5 A (AA-100) 7.3 A (AA-120)
<b>Dimensions:</b>	7.0" H x 19.0" W x 4.5" D (17.8 H x 48.3 W x 11.4 D cm)
<b>Weight:</b>	16.0 lbs. (35.3 kg.)

E3 Series® is a registered trademark of Honeywell International Inc.

## Amplifiers for Emergency Voice Evacuation Systems



AA Amplifier

## Features

- AA-100 provides dual outputs of up to 100 watts @ 70.7 V<sub>RMS</sub> (max. 100 watts of combined output)
- AA-120 provides up to 120 watts @ 25 V<sub>RMS</sub>
- Low power standby mode for low battery drain
- Includes "Grouped" or "One-to-One" backup amplifier switching bus
- Battery input and brown-out transfer control
- High efficiency power-switching regulation technology
- Plug-in terminal strips and cable connectors for ease of installation
- 10-position level adjust and indicator LEDs
- Integral chassis for cabinet mount
- Includes automatic back-up tone generator (slow whoop or high/low)

## Ordering Information

Part Number	Description
AA-100	Amplifier, 100W
AA-120	Amplifier, 120W

An ISO 9001-2000 Company

SIGNALING



ME A  
Approved  
FDNY:



S1949 3022355 COA-#6077 6911-0694:0260

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9020-0595 Rev. E page 1 of 1