



# AA Series Amplifiers

by Honeywell

## 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
<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 trademark of Honeywell International Inc.

## Amplifiers for Emergency Voice Evacuation Systems



AA Amplifier

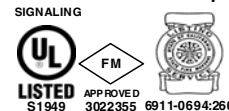
## Features

- 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

Model	Description
AA-100	Amplifier, 100W
AA-120	Amplifier, 120W

An ISO 9001-2000 Company



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9020-0595 Rev. D2 page 1 of 1