



**LEADING
BY DESIGN**

AA21-400

Loudspeaker Controller



Maximize performance and reliability of your aircraft's loudspeaker system.

Provides centralized control of your aircraft's internal and external loudspeaker systems.

AEM's AA21-400 Cabin PA and Siren Controller is a single, panel-mounted unit that provides a simple interface to all generations of AEM's loudspeaker amplifiers and speakers.

The AA21-400 maximizes the performance and reliability of your aircraft's PA system with state-of-the-art design, improved frequency response, and an optimized microphone input circuit. We designed and built the unit to perform under the toughest conditions, while offering the features and reliability our customers need from a loudspeaker system.

Integrators will appreciate the AA21-400's simple interface with existing aircraft audio systems. We also made the unit configurable to receive either radio or CD audio, allowing for radio rebroadcast capability or playback of recorded information. All audio inputs and outputs on the AA21-400 are field adjustable to allow the loudspeaker system to be optimized for the aircraft's operational role.

The AA21-400's integrated 25-watt speaker amplifier is designed to drive an 8 Ohm speaker arrangement for internal paging. A '+3 dB' function allows the output level of the system to be reduced 3 dB by grounding the input control line. Removing the ground returns the system to full output.

AEM's AA21-400 is available in standard configurations or customized panel layouts, with 5 Vdc or 28 Vdc standard white lighting, plus optional NVIS lighting.

AA21-400 Features

- Centralized control of your aircraft's internal and external public address system
- Optimized microphone audio input circuit
- Illuminated faceplate, with optional NVIS lighting
- Easy installation and integration with aircraft audio system
- Configurable to receive either radio or CD audio input
- Selectable wail and yelp siren
- 25-watt internal speaker amp



Compliance

- DO-160G
- DO-170
- TSO-C50c

AA21-400 MECHANICAL SPECS	
HEIGHT	1.12"
WIDTH	5.75" AT THE FRONT, 4.97" AT THE REAR
LENGTH	6.33" (EXCLUDING MATING CONNECTORS)
WEIGHT	1.40 LB. (MAX)

For more details, please email newproducts@aem-corp.com and see Installation & Operation manuals on our website: aem-corp.com

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