



LEADING BY DESIGN

850W

Public Address System



PA700 Series Power Amplifiers

Our PA700 series amplifier is rugged and powerful. Its durable, black, anodized aluminum chassis contains an entirely transistorized 700-watt unit, capable of delivering a maximum usable horizontal range greater than one mile when matched with the appropriate speakers and operated from a favourable vantage point. We enhanced its reliability with a conservative design and unique, built-in protective circuits that shut the amplifier off if an excessive input or operating conditions threaten to impair vital circuit elements.

Your reliable solution for medium and large helicopters that delivers clear, wide-range communication.

AEM's 850-watt Public Address and Siren System effectively compensates for the high levels of noise and rotor wash common in medium and large helicopters. Comprehensible speech, delivered with high-flexibility dispersal patterns, is attainable up to 1000 vertical feet when using multiple speaker arrays. The 850W legacy system has been used on such helicopters as the EC225, S-92, and Mi-17.

LSC22 & AA21-4xx Series Controllers

The LSC22 series is the latest controller for AEM's loudspeaker systems; it delivers the features and performance demanded by today's special-role aircraft operators. Eliminate cockpit noise by utilizing the front-mount auxiliary input to transmit recorded messages from an MP3 player or smartphone—no more interference from live-mic broadcasting! The convenient onboard digital storage means fast recording and playback of your messages, and a supplied radio input allows for radio rebroadcast operation. Configurable siren audio and an integrated 25W cabin PA amplifier round out the features of the LSC22. The LSC22 Series Controllers are available with optional NVIS lighting.

Similar in features and functions to the LSC22, the TSO'd AA21-4xx controller is still widely used by many global OEMs and operators. Available with standard or NVIS panel lights, AEM can also customize the AA21-4xx to meet specific customer requirements.

VR33-002

Installation of our VR33-002 voltage converter directly beneath the PA700 boosts the output power from 700W to 850W with no additional installation material required.

Bell Array Speakers

Speakers should be selected to match the audio output power available from the PA system. The general requirement is to have one speaker driver for each 100-watts of audio power. Pilots and integrators will appreciate our field-replaceable driver assemblies and mechanical parts for ease of maintenance. For the 850W system, we typically recommend the use of two TS9x-04xN series speakers.

850W PA System Features

- Front-mount auxiliary input allows message transmission from an MP3 player or smartphone
- Convenient onboard digital storage for fast recording and playback
- Completely transistorized unit contained in a durable, black, anodized aluminum chassis
- Voltage converter boosts the output power from 700W to 850W
- Enhanced reliability with a built-in protective circuit
- Field-replaceable driver assemblies and mechanical parts



LSC22 MECHANICAL SPECS

HEIGHT	1.11"
WIDTH	5.74"
LENGTH	6.32"
WEIGHT	1.30 LB.

PA700 MECHANICAL SPECS

HEIGHT	5.78"
WIDTH	8.75"
LENGTH	10.00" INCL. CONNECTORS
WEIGHT	9.90 LB.

VR33-02 MECHANICAL SPECS

HEIGHT	1.56"
WIDTH	8.75"
LENGTH	10.00" INCL. CONNECTORS
WEIGHT	3.90 LB.

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

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