



# LEADING BY DESIGN

## 700W

### Public Address System



[HTTPS://COMMONS.WIKIMEDIA.ORG/WIKI/FILE:AW189\\_-\\_LYDD\\_INTERNATIONAL\\_AIRPORT\\_\(40791255591\).JPG](https://commons.wikimedia.org/wiki/File:AW189_-_LYDD_INTERNATIONAL_AIRPORT_(40791255591).JPG)

#### 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 700-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 is attainable up to 1000 vertical feet when using properly selected and installed speakers.

#### 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.

## 6 Bell Array Speakers

Our TS9x-06xx speaker array is your solution to clear air-to-ground and air-to-sea communication. Use the TS92-06xx for large area coverage and the TS94-06xx for focussed applications. Flight crew and integrators will appreciate our field-replaceable driver assemblies and mechanical parts for ease of maintenance.



TS92-06XX 6 BELL SPEAKER ARRAY

## 700W 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
- Enhanced reliability with built-in protective circuits
- 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" INCL. CONNECTORS
WIDTH	8.75"
LENGTH	10.0"
WEIGHT	9.90 LB

### TS9X-02XX SPECS

PLEASE REFER TO THE TS9X SERIES INSTALLATION & OPERATION MANUAL



AEM'S PA700-XXX, 700W POWER AMPLIFIER

For more details, please email  
[newproducts@aem-corp.com](mailto:newproducts@aem-corp.com)  
and see Installation & Operation  
manuals on our website:  
[aem-corp.com](http://aem-corp.com)

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