



LEADING BY DESIGN

100W

Public Address System



IMAGE SOURCE: [HTTPS://SV.M.WIKIPEDIA.ORG/WIKI/FILE:11-5-6W169.JPG](https://sv.m.wikipedia.org/wiki/File:11-5-6W169.JPG)

PA110 Series Power Amplifiers

AEM's PA110 Series Power Amplifiers are high-powered, remote-mounted, modular amplifiers capable of producing 100 watts of output. AEM's amplifier products are designed and built to perform in demanding environments. The PA110 Series provides reliability with gold-plated interconnections, switches, and relay contacts. Our long-life amplifier has G10-FR flame-retardant circuit boards that are post coated for maximum moisture resistance and corrosion prevention.

Broadcast clearly and effectively with AEM's solution for light aircraft.

AEM's 100W Public Address and Siren system for light aircraft delivers sound quality, reliability, and functionality in a compact, economic package.

Built to perform in demanding environments, utilize our light-weight system both internally and externally with a typical target distance of 200-300 feet. Our 100W system is effective for small helicopters such as the Robinson R22 and Schweizer 300.

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.

TS100WR Speaker

Our TS100WR series is a compact, weight-reduced loudspeaker solution—utilized for both internal and external aircraft applications. Designed for ease of maintenance, the driver assembly and mechanical parts are field replaceable. With full 100-watt capability, these small speakers provide useful short-range broadcast capability while requiring minimal installation provision.

100W PA System Features

- Front-mount auxiliary input on the LSC22 allows message transmission from an MP3 player or smartphone
- Convenient onboard digital storage for fast recording and playback
- Rated for high shock and vibration
- Designed for maximum moisture resistance and corrosion prevention
- Suitable for both internal and external aircraft applications
- Speaker driver assembly and mechanical parts are field-replaceable



IMAGE SOURCE: [HTTPS://WIKIMEDIA.ORG/WIKIPEDIA/COMMONS/5/5E/AIR_TRACTOR_AT-802F.JPG](https://wikimedia.org/wikipedia/commons/5/5e/AIR_TRACTOR_AT-802F.JPG)



LSC22 MECHANICAL SPECS

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

PA110 MECHANICAL SPECS

HEIGHT	4.10"
WIDTH	7.90"
LENGTH	6.32"
WEIGHT	4.6 LB.

TS100WR MECHANICAL SPECS

RATED INPUT POWER	100 WRMS
FREQUENCY	275-8000 HZ
WEIGHT	3.85 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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