



LEADING BY DESIGN

LSS440

Compact Loudspeaker System



LSA300 Loudspeaker Amplifiers

Our latest loudspeaker amplifier incorporates new-generation parts and automated electronic assembly, allowing for a reasonable price point that translates into reduced costs to the end-user. Compared to its predecessor, this light-weight system processes and optimizes the audio signal, delivering the best output while consuming less DC power. AEM's incorporation of a 'smart power supply' modifies the amplifier output to meet the output load demand.

Our family of newly designed, compact loudspeaker systems deliver fantastic sound quality and power output in a light-weight, affordable package.

AEM's next-generation loudspeaker systems are a family of newly designed Loudspeakers (LS), Loudspeaker Amplifiers (LSA), and Loudspeaker Controllers (LSC) delivering fantastic sound quality and power output in a lighter, smaller, and less expensive package than comparable systems on the market today. Developed to replace the 200W/PA220-based system, we designed and qualified the LSS440 system to meet the various operational roles of aircraft such as the B407, MD530, R66, and EC120.

LSC22 Series Loudspeaker Controllers

The LSC22 series is the latest in controllers for AEM's external PA systems. 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. Our adjustable siren gives you control of tone, rate, and level. The LSC22 Series Controllers are available with optional NVIS lighting.

TS150/TS300 Speakers

The TS150 and TS300 loudspeakers are utilized for external applications, provide powerful broadcast capability with minimal installation provision, and offer 300-watt capacity in compact packages. Select your speaker package and configuration based on the installation and performance requirements of the aircraft, as well as its primary mission. Flight crew and integrators will appreciate our field-replaceable driver assemblies and mechanical parts for ease of maintenance.

LSS440 Compact Features

- Front-mount auxiliary input allows message transmission from an MP3 player or smartphone
- Convenient onboard digital storage for fast recording and playback
- Amplifier processes and optimizes the audio signal for the best output with much less power
- Powerful speaker broadcast capability with minimal installation provision
- DO-160G qualified



TS300 SPEAKER

LSC22 MECHANICAL SPECS

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

LSA300 MECHANICAL SPECS

HEIGHT	5.45"
WIDTH	2.04"
LENGTH	9.8"
WEIGHT	3.70 LB (MAX)

TS150/TS300 MECHANICAL SPECS

INPUT POWER	150/300 WRMS
FREQUENCY	275-8000 HZ
WEIGHT	5.50/9.40 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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