



# LEADING BY DESIGN

## LSS220

### Compact Loudspeaker System



#### LSA150 Series Power Amplifiers

Our latest loudspeaker amplifier incorporates new-generation parts and automated electronic assembly, making it an affordable solution that will reduce costs to the end-user. Compared to its predecessor, this efficient, light-weight system processes and optimizes the audio input signal, delivering the best output possible under demanding conditions. AEM's incorporation of a 'smart power supply' allows the amplifier to 'adapt' to meet the output load demand.

### An affordable solution for light, special-role aircraft in need of siren priority.

AEM designed the LSS220 Compact Loudspeaker System for light aircraft—such as small turbine helicopters and fire-fighting aircraft—where a siren is the priority requirement. Designed to replace the 100W/PA110-based system, the LSS220's use of new-generation parts and automated electronic assembly make this an affordable package that will outperform any comparable system on the market today. Built to perform in demanding environments, you can utilize this power-efficient system for applications with a typical target distance of 200-300 feet at ground level. The LSS220 system is suited for aircraft such as the R44, 480B, B206, and AT-802.

#### LSC22 Series 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 Speaker

Our TS150 series is a functional, compact loudspeaker solution employed for both internal and external aircraft applications. Designed for ease of maintenance, the driver assembly and mechanical parts are field replaceable. With full 150-watt capability, these small speakers provide useful short-range broadcast capability while requiring minimal installation provision.

## LSS220 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
- Optimized audio signal with less DC power demand than its predecessor
- Applicable for both internal and external aircraft applications
- Speaker driver assembly and mechanical parts are field replaceable
- DO-160G qualified



### LSC22 MECHANICAL SPECS

HEIGHT	1.11"
WIDTH	5.74"
LENGTH	6.32"
WEIGHT	1.3 LB

### LSA150 MECHANICAL SPECS

HEIGHT	5.45"
WIDTH	2.04"
LENGTH	9.8"
WEIGHT	3.7 LB (MAX)

### TS150 SPECS

INPUT POWER	150 WRMS
FREQUENCY	275-8000 HZ
WEIGHT	5.5 LB

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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