

The most important thing we build is trust

The series of Passenger Address, Public Address and Siren systems are designed for applications in light to medium aircraft. These systems are used to make announcements or commands inside the aircraft cabin or outside the aircraft over distances of up to several miles.

Systems can be interfaced to one of the aircraft's radios allowing the pilot to broadcast received signals through the external speaker system. This can provide monitoring of the radio while the flight crew is outside the aircraft, or for relaying announcements from a source other than the pilots.

A selection of speakers systems is available, from simple one horn installations to large multi-speaker arrays. Small lightweight speakers such as TS100WR and TS200WR, provide effective short range broadcast capability. Longer range requirements can utilize the TS92, TS93 and TS94 series.

Both speaker systems use exclusive lightweight drivers for maximum performance with minimal weight penalty.

AA20/AA21 Cabin Paging/Siren Systems

This series of Loudhailer/Siren/PA systems are compact self-contained with an output power of 25-30 watts for internal passenger address systems. They can also be interfaced to a power amplifier for high powered combination internal/external systems. The AA20-431 features auto-chime plus both speaker and phones outputs. AA20-431 & AA21-4xx are TSO certified.

PA110/220 Power Amplifiers

These remote mount amplifiers are for light aircraft external loudhailer applications or high powered internal passenger address systems. The PA110 produces up to 100 watts output while the PA220 delivers 200 watts.

PA250/700 Power Amplifiers

Lightweight, solid state, modularized high powered audio amplifiers for airborne applications, these amps feature built-in protective circuits for adverse operating conditions and modular design for simple field repairs. The PA250 produces up to 450 watts max. while the PA700 delivers 850 watts max.

TS92/93/94 Series Speakers

High power external speaker horns, this series of speakers allows for various range and/or dispersal patterns, depending on the speaker type, number of bells and mounting configuration. The driver assembly and mechanical parts are field replaceable for ease of maintenance.

TS100WR/200WR Series Speakers

These lightweight speaker horns are for both internal and external aircraft mounting. The driver assembly and mechanical parts are field replaceable for ease of maintenance.

VR33 Power Converter

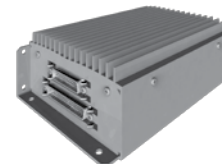
The VR33-001 and VR33-002 are power conversion devices designed to increase the nominal 28 VDC aircraft voltage to 33 VDC using high speed switching DC-DC conversion. The VR33-001 is designed to be used with the PA250 Audio Power Amplifier. The VR33-002 provides two outputs, making it ideal for use with the PA700 Audio Power Amplifier.



AA20-431
Internal Cabin Paging Controller/Amplifier



AA21-400
Internal/External Cabin/PA Controller



L to R: TS92-04 External Speaker, TS100WR Loudspeaker, PA700 Power Amplifier, PA110 Power Amplifier, 250 Speaker Amplifier

For technical specifications, see [Install & Ops manuals on website](#).

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