Simply Better Connections

AS108

8" Coaxial Ceiling Loudspeaker

The AS108 comes in a pair of 8" coaxial 2-way ceiling loudspeakers that deliver decent sonic performance. Each speaker ships with a 8" woofer, 20 mm dome tweeter, and 80W RMS, 160W peak (8Ω) power handling capability. Excellent and consistent sound quality is ensured by taking advantages of its 65 - 20 kHz bandwidth and wide coverage, allowing less speakers used to cover the listening area to lower the cost of the system installed.

The loudspeaker contains a matching transformer, running comfortably on 70 / 100 V lines or at 8 Ω to suit various application demands. Phase issues are minimized as a result of the adoption of the coaxial neodymium magnetic driver, making sound waves with various frequency bands easier to be added together instead of canceling each other out. Made of UL94-V0-compliant flame retardant materials, the housing, together with the Zinc-plated steel backcan, improve safety for applications where flame and fire protection is of the highest importance. When it comes to installation, each speaker features a cutout template for quick and easy post construction installation and can be secured with its dog-leg mounting system. The paintable magnetic grille assures effortless installation and cleaning while giving unobtrusive appearance in any room design.

AS108 is ideal for residence and enterprise-grade audio applications, such as auditoriums, houses of worship, sports venues, and any small or mid-sized public address systems that require a clear and intelligible sound solution without compromise on life safety.

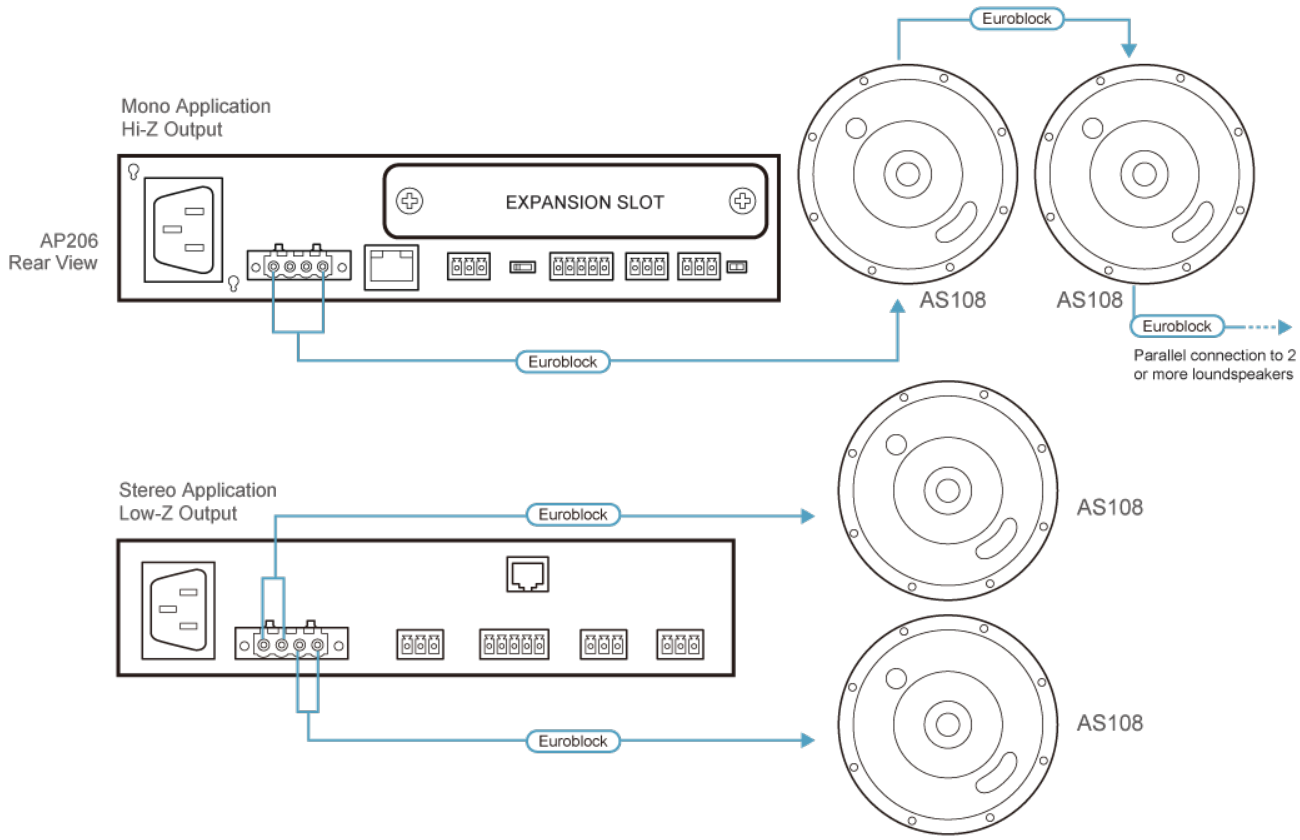
Features

- Please note the AS108s are sold in pairs.
  - Coaxial design with premium components:
    – 8" high output driver with rubber surround and heavy-duty voice coil
    – 20 mm dome tweeter
  - 65 - 20 kHz bandwidth with wide coverage for consistent, full-range coverage of the space while reducing the amount of the speakers needed
  - Switchable for use as either an 8 Ω low-impedance speaker or as part of a 70V / 100V distributed loudspeaker system
  - UL94-V0 compliance for life safety applications
  - Paintable magnetic grille for blending into any room decor
  - Ease of installation guaranteed with the magnetic grille, dog leg mounting system and cutout template

Specification

System Specification	
LF Driver	8" Paper Cone with Rubber Suspension
HF Driver	20mm PEI Dome Tweeter
Rated Power	80Wrms/160Wpeak
Sensitivity	90dBSPL, @1m, 1W, 1kHz
Frequency Response	65~20kHz (-10dB)
Transformer Taps	70V(10W, 20W, 40W, 80W) 100V(*, 20W, 40W, 80W)
Distortion	<=5%
Compliance	
Certification	CE, WEEE, RoHs
Connectors	
Audio Inputs	5.08mm Euroblock Connector
Environmental	
Operating Temperature	0 - 40°C
Humidity	0 - 80% RH, Non-Condensing
Storage Temperature	-20 - 60°C
Physical Properties	
Weight	5.70 kg (12.56 lb)
Housing	UL94-V0 ABS Plastic Baffle Zinc-Plated Steel Backcan
Dimensions (L x W x H)	30.90 x 30.90 x 24.80 cm (12.17 x 12.17 x 9.76 in.)
Cut-out Diameter	271mm
In-ceiling Clearance Height	243mm
Color	White Speaker Grille (Paintable) White Speaker Baffle
Carton Lot	2 Pcs/Carton
Note	This product is sold in pair
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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