



The Sound of Imagination

Part #: P5VA-C8962**4.5" (116 mm) Flame-Retardant Voice Range Speaker**

Key Features

- Voice range speaker
- 4.5" (116 mm) steel basket diameter
- 15 watts, 8 ohm, 90 dB SPL
- 0.6" copper voice coil, aluminum former
- 1.5 oz. alnico magnet
- Flame-retardant felted paper cone & surround

Primary Specifications

Size, Nominal (inch & mm)	4.5" (116 mm)
Nominal Impedance (Z) (Ω)	8
Rated Power IEC268-5 (W)	15
Sensitivity (dB SPL @ 1W/1m, @ 1200 Hz)	90
Frequency Range (Hz)	150 – 10,000
Resonant Frequency (Hz)	190

Product Description

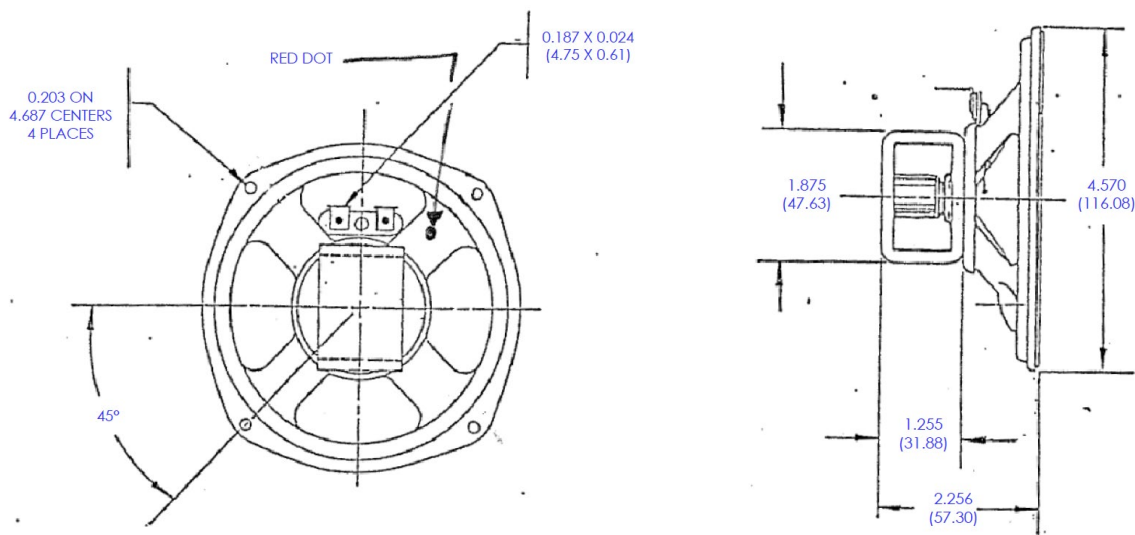
An 8 ohm, 4.5" voice range speaker with a small yet powerful lightweight alnico magnet for space-conscious avionic audio systems. This model includes a full flame-retardant treatment of its cone and surround.

MISCO engineers use the world's most sophisticated loudspeaker measurement systems including the Klippel Analyzer to maximize and validate the speaker's design, as well as the Klippel QC module to ensure perfect unit to unit consistency and reliability.

Material Descriptions

Body Material	Zinc-Plated Steel
Terminal Size (mm)	4.7 x 0.5
Voice Coil	Copper
Voice Coil Former	Aluminum
Magnet	Alnico
Cone	Flame-Retardant Paper
Cone Surround	Flame-Retardant Paper

Drawings



SPL Curve