

VOCE II

AVX 6.5 II

Coaxial 240 W Peak Power 165 mm (6.5 in.) 4 ohm

The Audison VOCE II AVX 6.5 coaxial speaker is a standout component in the VOCE II line, offering a unique combination of a 6.5-inch woofer and a 1-inch Hi-Res certified dome tweeter. Achieving Hi-Res Audio certification for a coaxial setup is particularly significant, reflecting the meticulous design of every element from the grille to the basket. Designed for bi-amplification, this speaker can be actively optimized with a DSP while maintaining the flexibility of separate passive crossovers for each driver. It also includes versatile OEM-style connectors, enhancing integration and performance in any vehicle setup.



TECHNICAL SPECS LF

Woofer Size	165 mm (6.5 in)
Impedance	4 Ohm
Minimum Impedance	3.1 Ohm
Power Handling - Peak	240 W
Power Handling - Continuous	120 W
Sensitivity	91.5 dB
Frequency Response	45 ÷ 40000
Voice Coil Diameter	40 mm (1.6 in)
Chassis Material	ALUMINIUM
Magnet Material	HIGH DENSITY FLUX FERRITE
Magnet Size	100-45-18
Voice Coil Material	CCAW
Former Material	GLASS FIBER
Cone Material	SEMI-PRESSED PAPER
Surround Material	RUBBER
Flux Density	0.84
Xmax	4.95 mm (1.57 in)
Xmech	7.5 mm (0.3 in)
Gap Height	6 mm (0.24 in)
Voice Coil Winding Height	13 mm (0.51 in)

TECHNICAL SPECS HF

Tweeter Size	25.4 mm (1 in)
Impedance	4 Ohm
Minimum Impedance	3.7 Ohm
Program Power	20 W
Aes Power Rating	10 W
Sensitivity	98 dB
Frequency Response	1500 - 40000
Voice Coil Diameter	25 mm (0.98 in)
Voice Coil Material	CCAW
Former Material	ALUMINIUM
Dome Material	TETOLON FIBRE
Surround Material	TETOLON FIBRE
Magnet Material	NEODYMIUM

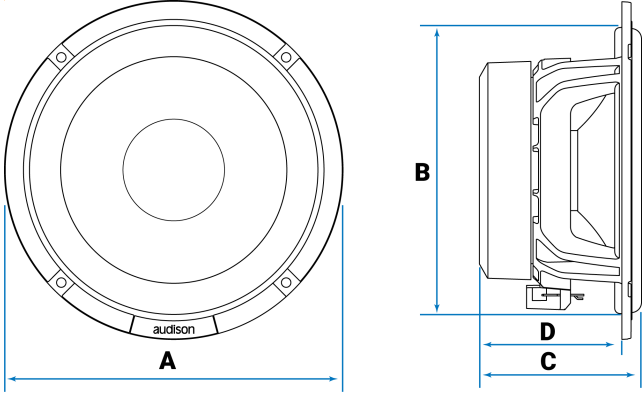
ELECTRIC-ACOUSTIC SPECS

D	128.35 cm ² (19.89 in²)
Re	2.9 Ohm
Fs	67 Hz
Mms	14.9 g (0.53 oz)
Cms	0.38
Bl	5.4
Qms	8
Qes	0.62
Qts	0.58
Vas	9.1 l (0.32 ft)
LE	0.3 mH
Reference Efficiency	90.5

GENERAL

Weight	1.6 kg
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DIMENSIONS

	
Dimension A	165 mm (6.5 in)
Dimension B	140 mm (5.51 in)
Dimension C	74.2 mm (2.92 in)
Dimension D	69.8 mm (2.75 in)