

VOCE II

AV 12 D2 II

Subwoofer Driver

300 mm

Grille included

Born from the same engineering philosophy that defines the VOCE II line, the AV 12 D2 II subwoofer delivers deep, powerful and highly controlled bass in a compact sealed enclosure.

Equipped with a 1.5-inch CCAW voice coil and a 550 W RMS-rated motor structure, it combines dynamic power with thermal stability, ensuring consistent performance even at high sound pressure levels. The die-cast aluminum basket integrates dual cable-routing hooks for clean installation, while the spring-loaded terminals support 8 AWG cables and fast connections.

The FEM-optimized dust cap increases rigidity and damping, perfectly matching the refined design language of the VOCE II range. Engineered to perform at its best in 12–14 L sealed boxes, the AV 12 D2 II is ideal for space-limited setups where sound quality is never a compromise.

With its dual 2-ohm configuration, it offers maximum system flexibility and seamless integration into high-end audio systems.

Precision, power and elegance, this is how VOCE II speaks the language of low frequencies.



TECHNICAL SPECS

Nominal diameter	300 mm (12 in)
Impedance	2+2
Power Handling - Peak	1100 W
Power Handling - Continuous	550 W
Sensitivity	85 dB
Frequency Response	25 - 400 Hz
Voice Coil Ø	38.6 mm (1.5 in)
Chassis Material	ALUMINIUM
Magnet Material	HIGH DENSITY FLUX FERRITE

Magnet size D x d x h	156*60*34 mm
Voice Coil Material	CCAW
Former Material	GLASS FIBER
Cone Material	POLYPROPYLENE
Xmax	16.8 mm (0.66 in)
Xmech	20 mm (0.79 in)
Voice Coil Winding Height	37 mm (1.46 in)
Gap Height	7 mm (0.28 in)
Driver Displacement Volume	0.9 l (0.032 ft)
Recommended Enclosure	27.1 l (0.957 ft)
Recommended Tuning	26.5 Hz
Ferrofluid	No

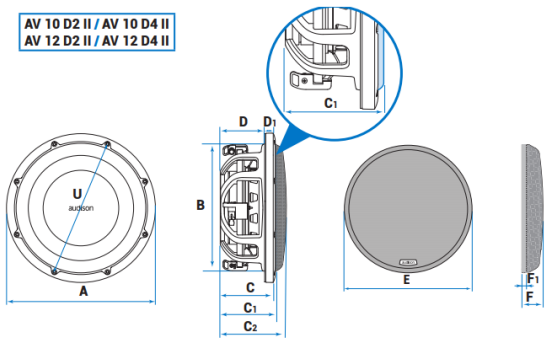
ELECTRIC-ACOUSTIC SPECS

D	539 cm ² (83.545 in²)
Re	3.3 Ohm
Fs	23 Hz
Le	4.3 mH
Vas	63 l (2.225 ft)
Mms	326 g (11.499 oz)
Cms	0.15 mm/N
BL	17.4 T•m
Qts	0.5
Qes	0.5
Qms	6.7
Reference Efficiency	85

GENERAL

Weight	6.6 kg
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DIMENSIONS

AV 10 D2 II / AV 10 D4 II AV 12 D2 II / AV 12 D4 II 	
Dimension A	318.3 mm (12.53 in)
Dimension B	282.9 mm (11.14 in)
Dimension C	102.5 mm (4.04 in)
Dimension D	88 mm (3.46 in)
Dimension E	292.3 mm
Dimension F	42.6
Dimension C1	109 mm
Dimension C2	136.7 mm
Dimension D1	14.5 mm
Hole diameter	5.5 mm