

VOCE II

AV 10 D2 II

Subwoofer Driver

250 mm

Grille included

Designed for tight spaces and dynamic performance, the AV 10 D2 II delivers powerful, articulate low frequencies with the precision and control that define the VOCE II line.

Its dual 2-ohm voice coil configuration provides greater flexibility for low-impedance system design, allowing optimal power transfer from high-performance amplifiers. The subwoofer features a 1.5-inch CCAW voice coil, FEM-optimized motor assembly and a die-cast aluminum basket with integrated cable-routing hooks—each detail engineered to ensure stability, thermal efficiency and long-term reliability.

The extended-profile dust cap improves cone rigidity and damping, while the internal Radial Reinforcement Framework strengthens the mechanical structure during high-excursion operation. Airflow Venting Cooling technology ensures effective heat dissipation, preserving performance even under prolonged stress.

Optimized to perform at its best in compact sealed enclosures (12–14 L / 0.4–0.5 ft³), the AV 10 D2 II delivers deep, clean and fast bass, ideal for systems where space is limited but sonic expectations are high.

It is more than a compact subwoofer, it is a VOCE II-class component built to bring the emotion of music into every detail of your sound system.



TECHNICAL SPECS

Nominal diameter	250 mm (10 in)
Impedance	2+2
Power Handling - Peak	1100 W
Power Handling - Continuous	550 W
Sensitivity	83.5 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	134*57*36 mm (in.)
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)
Recommended Enclosure	13.2 l (0.466 ft)
Recommended Tuning	51 Hz
Ferrofluid	No
Note	The data below are specified with the VCs connected in series (2+2).

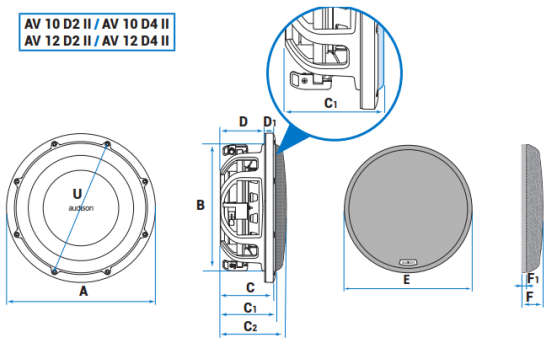
ELECTRIC-ACOUSTIC SPECS

D	368 cm² (57.04 in²)
Re	3.25 Ohm
Fs	35 Hz
Le	4.1 mH
Vas	15.16 l (0.535 ft)
Mms	264 g (9.312 oz)
Cms	0.079 mm/N
BL	16.2 T•m
Qts	0.63
Qes	0.7
Qms	5.5
Reference Efficiency	83.5

GENERAL

Weight	5 kg
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DIMENSIONS

AV 10 D2 II / AV 10 D4 II AV 12 D2 II / AV 12 D4 II 	
Dimension A	274.5 mm (10.81 in)
Dimension B	232 mm (9.13 in)
Dimension C	97 mm (3.82 in)
Dimension D	82.6 mm (3.25 in)
Dimension E	245 mm
Dimension F	40
Dimension C1	103 mm
Dimension C2	128.5 mm
Dimension D1	14.5 mm