

# voce II

## AV 12 D4 II

Subwoofer Driver

300 mm

Grille included

The AV 12 D4 II brings the unmistakable VOCE II sound signature to the deepest frequencies, combining powerful output with absolute control and musicality. Designed for sealed enclosures, it delivers precise, distortion-free bass in compact spaces—making it an ideal choice for high-performance in-car installations.

At its core is a dual 4-ohm voice coil architecture, offering exceptional flexibility in wiring configurations. The 1.5-inch Copper-Clad Aluminum Wire voice coil, coupled with an FEM-optimized magnetic assembly, ensures efficient energy transfer and superior thermal management during extended listening sessions.

The subwoofer features an extended-profile dust cap and Radial Reinforcement Framework (R.R.F.) to enhance cone stability and minimize deformation during high excursion. The rugged die-cast aluminum basket integrates smart cable routing hooks, while the spring-loaded terminals allow secure connections with high-current 8 AWG cables.

Whether used in a single-sub or multi-driver setup, the AV 12 D4 II guarantees low-end performance that is tight, controlled and deeply engaging—faithful to the Audison philosophy of blending acoustic excellence with refined Italian design.

### TECHNICAL SPECS

Nominal diameter	300 mm (12 in)
Impedance	4+4
Power Handling - Peak	1100 W
Power Handling - Continuous	550 W
Sensitivity	84.5 dB
Frequency Response	25 - 400 Hz
Voice Coil Ø	38.6 mm (1.5 in)
Chassis Material	ALUMINIUM



Magnet Material	FERRITE
Magnet size D x d x h	156*60*34 mm ( <b>6.14*2.36*1.3 in</b> )
Voice Coil Material	CCAW
Former Material	GLASS FIBER
Cone Material	POLYPROPYLENE
Xmax	16.8 mm ( <b>0.66 in</b> )
Xmech	20 mm ( <b>0.79 in</b> )
Voice Coil Winding Height	37 mm ( <b>1.46 in</b> )
Gap Height	7 mm ( <b>0.28 in</b> )
Recommended Enclosure	21 l ( <b>0.742 ft</b> )
Recommended Tuning	45 Hz
Ferrofluid	No

## ELECTRIC-ACOUSTIC SPECS

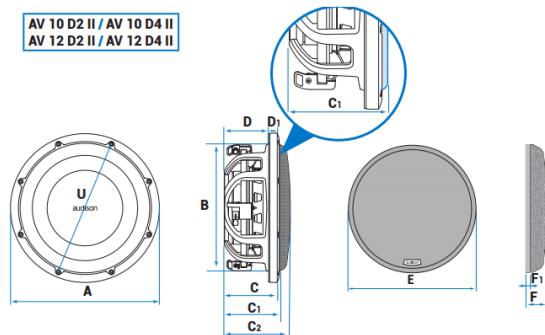
D	539 cm <sup>2</sup> ( <b>83.545 in<sup>2</sup></b> )
Re	1.8 Ohm
Fs	23 Hz
Le	1.8 mH
Vas	63 l ( <b>2.225 ft</b> )
Mms	298 g ( <b>10.512 oz</b> )
Cms	0.15 mm/N
BL	12.2 T•m
Qts	0.5
Qes	0.5
Qms	6.2
Reference Efficiency	84.5

## 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	11.51
Dimension C1	109 mm
Dimension C2	136.7 mm
Centre to centre distance	302 mm
Hole diameter	5.5 mm