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voce II

AVBX 12 D4 II

Subwoofer Box

Designed to deliver impactful low-frequency performance in a refined, space-conscious format, the AVBX 12 D4 II combines the full authority of a 12-inch VOCE II subwoofer with an ultra-compact sealed enclosure optimized for modern vehicle interiors.

Equipped with the AV 12 D4 II driver—featuring a dual 4-ohm voice coil—the enclosure provides superior power handling and system flexibility, allowing for high-output configurations without compromising clarity or control.

The high-density 15 mm MDF structure, reinforced with internal bracing, ensures excellent mechanical stability and damping, while the sealed design produces tight, extended bass with natural decay and definition. Engineered for true musicality, the enclosure reproduces every nuance of the low-frequency spectrum with depth and precision.

Its 2S² dual-orientation architecture allows both Down-Firing and Up-Firing installation, adapting to acoustic goals and available trunk space. The Sub Smart Plug terminal simplifies connections with a hybrid interface offering Plug-&-Play and push-connect options, ready for high-current wiring.

Every element of the AVBX 12 D4 II is developed to express the VOCE II vision: no excess, no compromise—just deep, elegant and controlled bass designed to enhance every listening moment on the road.

TECHNICAL SPECS

Nominal diameter	300 mm
Impedance	4+4
Power Handling - Peak	1100 W
Power Handling - Continuous	550 W
Sensitivity	84.5 dB
Frequency Response	25-400 Hz
Chassis Material	ALUMINIUM
Magnet Material	HIGH DENSITY FLUX FERRITE
Voice Coil Material	CCAW

All the specifications subject to change without notice_20.A

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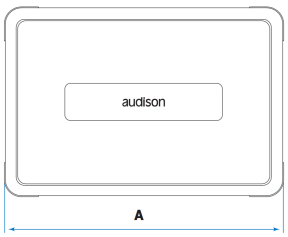
Former Material	GLASS FIBER
Cone Material	POLYPROPYLENE WITH MICA INJECTION
Surround Material	RUBBER
Xmax	16.8 mm
Xmech	20 mm
Voice Coil Winding Height	37 mm
Gap Height	7 mm
Driver Displacement Volume	0.9 l

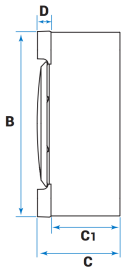
ELECTRIC-ACOUSTIC SPECS

D	539 cm²
Re	1.8 Ohm
Fs	23 Hz
Le	1.8 mH
Vas	63 l
Mms	298 g
Cms	0.15 mm/N
BL	12.2 T•m
Qts	0.5
Qms	6.2
Reference Efficiency	85

DIMENSIONS

AVBX 10 D4 II / AVBX 12 D4 II





	A	B	C	C1	D	
AVBX 10 D4 II	531	361	160	118	32.9	mm
	20.91	14.21	6.30	4.65	1.30	in.
AVBX 12 D4 II	607	401	175	133	35.2	mm
	23.90	15.79	6.89	5.24	1.39	in.

Dimension A	607 mm
Dimension B	401 mm
Dimension C	175 mm
Dimension D	35.2 mm
Dimension C1	133 mm

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