

voce II

AVBX 10 D4 II

Subwoofer Box

The AVBX 10 D4 II is the compact subwoofer enclosure of the VOCE II line, designed to bring high-end low-frequency performance into tight installation spaces—without compromise.

Its ultra-shallow sealed architecture is engineered to deliver tight, accurate and dynamic bass while preserving valuable in-vehicle space. Built from high-density 15 mm MDF with internal bracing, the enclosure ensures maximum rigidity and effective damping, eliminating unwanted resonances and coloration.

The internal volume and damping are acoustically matched to the AV 10 D4 II subwoofer, which features a dual 4-ohm voice coil for greater wiring flexibility in high-power system configurations. This pairing guarantees seamless integration and controlled low-end response, even in space-limited applications.

Thanks to the 2S² dual-orientation design, the enclosure can be installed in Down-Firing or Up-Firing configuration, adapting to available space and acoustic goals. The Sub Smart Plug terminal combines Plug-&-Play convenience with traditional push connectors, ensuring fast, secure and high-current-ready wiring.

The enclosure's refined styling reflects the visual identity of the VOCE II speaker line, combining performance and elegance in a single, integrated solution.

Compact, precise and ready to perform, the AVBX 10 D4 II is the ideal solution for adding impactful, controlled bass to OEM or custom installations—where space is limited but expectations are high.

TECHNICAL SPECS

Nominal diameter	250 mm
Impedance	4+4
Power Handling - Peak	1100 W
Power Handling - Continuous	550 W
Frequency Response	25 - 400 Hz
Chassis Material	ALUMINIUM

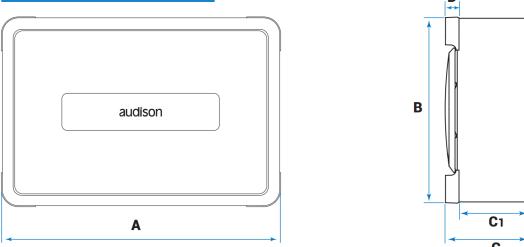


Magnet Material	HIGH DENSITY FLUX FERRITE
Voice Coil Material	CCAW
Former Material	GLASS FIBER
Cone Material	POLYPROPYLENE WITH MICA INJECTION
Surround Material	RUBBER
Xmax	16.8 mm
Xmech	20 mm
Voice Coil Winding Height	37 mm
Gap Height	7 mm
Driver Displacement Volume	0.6 l

ELECTRIC-ACOUSTIC SPECS

D	368 cm ²
Re	1.82 Ohm
Fs	36 Hz
Le	1.8 mH
Vas	14.8 l
Mms	250 g
Cms	0.07 mm/N
BL	11.2 T•m
Qts	0.7
Qms	5.62
Reference Efficiency	83.5

DIMENSIONS

AVBX 10 D4 II / AVBX 12 D4 II																																				
																																				
AVBX 10 D4 II	<table border="1"> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>C1</th> <th>D</th> <th></th> </tr> <tr> <td>531</td> <td>361</td> <td>160</td> <td>118</td> <td>32.9</td> <td>mm</td> <td></td> </tr> <tr> <td>20.91</td> <td>14.21</td> <td>6.30</td> <td>4.65</td> <td>1.30</td> <td>in.</td> <td></td> </tr> <tr> <td>607</td> <td>401</td> <td>175</td> <td>133</td> <td>35.2</td> <td>mm</td> <td></td> </tr> <tr> <td>23.90</td> <td>15.79</td> <td>6.89</td> <td>5.24</td> <td>1.39</td> <td>in.</td> <td></td> </tr> </table>		A	B	C	C1	D		531	361	160	118	32.9	mm		20.91	14.21	6.30	4.65	1.30	in.		607	401	175	133	35.2	mm		23.90	15.79	6.89	5.24	1.39	in.	
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Dimension D	32.9 mm
Dimension C1	118 mm