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VOCE II

AV 6.5 P II

Woofer 300 W Peak Power 165 mm (6.5 in.) 4 ohm

The Audison VOCE II AV 6.5 P II woofer is engineered to deliver exceptional sound clarity and precision. It naturally rolls off at off-axis positions, eliminating the need for a low-pass filter in most door installations and reducing phase shifts common with other filters. It can employ a gentle 6 dB/Octave filter to enhance low and mid-bass tones, further enriching sound quality. The woofer's OEM-style connector, compatible with FASTON terminals and designed for seamless integration, features a unique T-shaped pole piece with an aluminum ring to minimize distortion and enhance frequency response.

TECHNICAL SPECS

Nominal diameter Inch	6.5 in
Nominal diameter	165 mm
Impedance	4
Minimum Impedance	3.1 Ohm
Power Handling - Peak	300 W
Power Handling - Continuous	150 W
Sensitivity	91 dB
Sensitivity Note	SPL measured at 2.83V/1m;
Frequency Response	45 - 7500 Hz
Frequency Response Note	(-6dB)
Voice Coil Ø Inch	1.6 in
Voice Coil Ø	40 mm
Chassis Material	ALUMINIUM
Magnet Material	HIGH DENSITY FLUX FERRITE
Magnet size D x d x h	100 x 45 x 18 (3.9 x 1.8 x 0.7) mm (in.)
Voice Coil Material	CCAW
Former Material	GLASS FIBER
Cone Material	SEMI-PRESSED PAPER
Surround Material	RUBBER
Xmax Inch	0.19 in
Xmax	4.95 mm
Xmech Inch	0.3 in

Xmech	7.5 mm
Voice Coil Winding Height Inch	0.51 in
Voice Coil Winding Height	13 mm
Gap Height Inch	0.24 in
Gap Height	6 mm

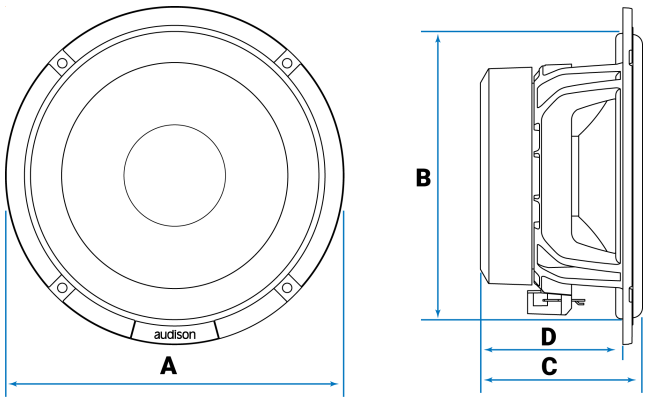
ELECTRIC-ACOUSTIC SPECS

D Inch	19.887 in
Re	2.9 Ohm
Fs	66 Hz
Le	0.3 mH
Vas Ft	0.321 ft
Vas	9.09 l
Mms Oz	0.54 oz
Mms	15.3 g
Cms	0.38 mm/N
BL	5.5 T•m
Qts	0.57
Qes	0.61
Qms	9.06

GENERAL

Weight	1.6 kg

DIMENSIONS



Dimension A Inch	6.5 in
Dimension A	165 mm
Dimension B Inch	5.54 in

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Dimension B	140.8 mm
Dimension C Inch	2.92 in
Dimension C	74.2 mm
Dimension D Inch	2.75 in
Dimension D	69.8 mm
Centre to centre distance	155 mm
Hole diameter	4.5 mm

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