

VOCE II

AVK 6 S II

Kit 250 W Peak Power 165 mm (6.5 in.) 4 ohm

The Audison VOCE II AVK 6 S II system, equipped with the high-power AV 6.5 S II woofer and Hi-Res Audio certified AV 1.0 II tweeter, delivers superb performance. The integration of AVCX 2 W and AVCX 2 T crossovers simplifies installation while enabling advanced sound tuning, including bi-amplification and meticulous adjustments for tweeter level and mid contour. These crossovers, built with high-quality components, ensure a harmoniously balanced audio experience, enhancing durability and clarity. This setup achieves seamless integration and superior sound customization, making it an ideal solution for sophisticated car audio upgrades.



TECHNICAL SPECS LF

Woofer Size	165 mm (6.5 in)
Impedance	4 Ohm
Power Handling - Peak	250 W
Power Handling - Continuous	125 W
Frequency Response	50 - 5500 Hz
	(-6dB)
Voice Coil Diameter	36 mm (1.42 in)
Magnet Material	HIGH DENSITY FLUX FERRITE
Magnet Size	92 x 42 x 15 mm
Cone Material	PRESSED PAPER CONE
Crossover Type	Two Way Separate case for Woofer (AVCX 2 W - Full/6dB Oct.) & Tweeter (AVCX 2 T - 12dB/Oct.)
Crossover Level Adjustment	AVCX 2 T: Tweeter Level: 0 / -1.5 dB; AVCX 2 W: Woofer Mid-Contour On / Off

TECHNICAL SPECS HF

Tweeter Size	25.4 mm (1 in)
Frequency Response	1200 - 40000 Hz
	Comply with HiRes Audio JAS, testing condition IEC 60268-5
Power Handling - Peak	150 W
	Hi-Pass filtered @ 1,5 kHz - 12dB Oct.
Voice Coil Diameter	25 mm (1.42 in)
Dome Material	TETOLON FIBER

ELECTRIC-ACOUSTIC SPECS LF

Re	2.9 Ohm
Fs	67 Hz
Mms	13.2 g
Cms	0.43
BL	4.9
Qms	6.76
Qes	0.67
Qts	0.61
Vas	10.28 l
Le	0.3 mH
Spl	91 dB
Xmax	4.2 mm (0.17 in)

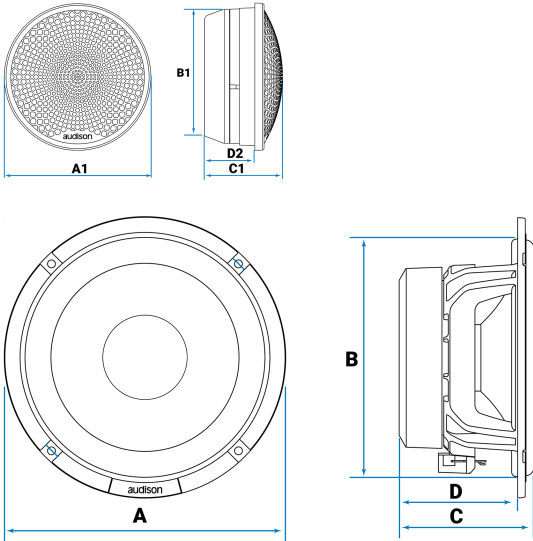
KIT TECH DATA

Crossover Low-Pass	AVCX 2 W: Woofer, Full/6dB Oct.
Crossover Hi-Pass	AVCX 2 T: Tweeter, 12dB/Oct.
Crossover Cut Off	3.5 kHz (Mid-Contour Off)
Cone Diameter	128.35 mm

GENERAL

Weight Woofer	1.3 kg
Weight Tweeter	0.14 kg
Weight Crossover	0.1 kg

DIMENSIONS

	
Dimension A	165 mm (6.5 in)
Dimension B	140.8 mm (5.54 in)
Dimension C	65.6 mm (2.58 in)
Dimension D	61 mm (2.4 in)
Dimension A1	43.8 mm
Dimension B1	40.8 mm
Dimension C1	25.5 mm
Dimension D1	16.1 mm

All the specifications subject to change without notice_20.A