

180CS – 6.5” Matrix Elite Component Set



The award winning Oz-180 Component System has garnered many accolades throughout the industry. It is engineered to produce the widest and flattest frequency range possible, this is the driver that first broke the "perfect score" record in IASCA competition. This component system delivers absolute world-class performance in the automotive environment. The heart of the Oz-180 is a custom wound 1.5" thermoset copper voice coil. This coil wire is wound on a black aluminum former, improving heat dissipation and maintaining its electrical characteristics even under the most demanding conditions. The Oz-180 employs a talc-impregnated, mineral filled polypropylene cone that's highly damped to minimize distortion and produce a neutral, smooth mid-frequency response. The cone bodies cross-section shape has been optimized by computer and the human ear to ensure the flattest, smoothest frequency response possible. Even the shape and firmness of the dust cap was painstakingly studied and optimized to generate its final shape. Finally, a custom tooled poly/cotton blend flat progressive spider specifically engineered for this driver is used to maintain linearity and reduce motion stress in any operating condition.

OZ 180 (MidBass)	
Diameter	6.50"
Impedance	4 ohm
Voice Coil Diameter	1.5" (37.5mm)
Magnet Weight	18oz
dB/SPL 1W/1M	91.5dB
Fs	37.8 Hz
Qms	3.132
Qes	0.508
Qts	0.437
Freq. Response	32 - 5000Hz
VAS	0270 M3/.954 ft3
RMS/Peak Power	100/200 Watts
OZ 25 (Tweeter)	
Cone Material	Coated Silk/Cotton
Voice Coil Diameter	1" (25mm)
Magnet Weight	0.43 Oz
dB/SPL 1W/1M	90dB
Fs	1100 Hz
Qms	10.251
Qes	0.5376
Qts	0.51
Freq. Response	1 - 20 Khz
RMS/Peak Power	50 / 100 Watts

OZ Audio

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