



XMD-206 NEO

PRODUCT MANUAL

6.5" NEO Midrange Loud Speaker

Specifications:

Nominal Diameter	6.5
Nominal Impedance	4 ohms
MAX Power Handling	360W
RMS Power Handling	180W
Sensitivity (1w/1m)	97.5 dB
Frequency Response	145Hz-12.2KHz

Motor:

Voice Coil Diameter	1.5"/38.6 mm
Voice Coil Former Material	Kapton
Winding Material	CCAW
Cone Material	Paper
Surround Material	Cloth
Basket Material	Steel
Magnet Material	NEO
Magnet Weight	.90MM

Thiele & Small Parameters:

Equivalent Volume	Vas	3.541L
Excursion	X-max	9.4 mm
Free Air Resonance	Fs	142 Hz
Mechanical Factor	Qms	2.864
Electrical Factor	Qes	0.438
Total Factor	Qts	0.380
Dc Resistance	Re	3.2 ohms

Measurements

Overall Diameter	166/6.5" mm
Front Mount Baffle Cutout	143/5.63" mm
Mounting Depth	65.8/2.59" mm
Overall Depth	71.2/2.80" mm

SPL vs Freq

