

Ordering code: 8NPM-157

Neodymium Woofer

Cont. Power	Sens.	Fs	Freq. Range	VC Dia.	VC Wire	Cone/Surround/Dome	Magnet type
400 watts	98.5 dB	60 Hz	70 Hz - 4,000 Hz	2.0"	CCAW	Paper w. GF/ Fabric	Neodymium



General Specifications

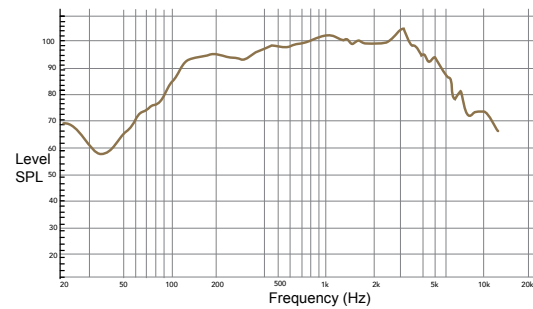
Nominal Diameter:	200 mm (8 in.)
Rated Impedance:	8 ohm
Power Handling:	
AES Power:	200 Watts
Power Compression @-10dB	0.4dB
Power Compression @-10dB	0.9dB
Power Compression @Max Power	1.8dB
Maximum Recommended Xover Freq.:	3,000 Hz
Recommended Enclosure Volume:	4 - 20 Liters
Cone Design:	Exp. Gmtry, Redcatt pulp
Front Plate Thickness:	8 mm
Winding Height:	15.8 mm
Fs	78 Hz
Re	5.2 Ohm
Sd	224.5 cm ² (34.8 in. ²)
Qms	3.98
Qes	0.21
Qts	0.25
Vas	13 Liters
Mms	20 g
BL product (force factor)	14.0 Tm
Peak to peak displacement (mm)	15.5
Le (mH @1kHz)	0.54
Overall diameter	209.5 mm (8.25 in.)
No. of mounting holes	8
Bolt circle diameter	197.5 mm (7.78 in.)
Front mount baffle cutout dia.	184 mm (7.25 in.) Nominal
Rear mount baffle cutout diameter	190 mm (7.48 in.) Nominal
Total depth	95.2 mm (3.75 in.)
Flange and gasket thickness	5mm (0.2 in.)
Net weight	1.75 kg (3.86 lbs.)
Shipping weight	2.1 kg (4.6 lbs.)
Packing Dimensions	30x30x16 cm (11.8x11.8x6.3 in.)

The 8NPM is a high efficiency, (98.5dB 1watt / 1 meter) 8-inch mid-woofer with extended mid frequency response and high power handling capability. The 8NPM uses a lightweight half pressed paper cone along with a double roll fabric surround. Spider is made of Nomex material with optimized shape for well controlled pistonic motion. The used high quality components ensure long lasting performance even in high powered applications. The chosen material combination provides remarkable strength, high efficiency and sustained output under extreme conditions.

Power Handling

The voice coil featuring Kapton former material capable of withstanding peak temperatures in excess of 280C, well beyond the thermal requirements of modern audio systems. Former strength provides the ideal transfer of power between the voice coil and the cone assembly and assists in reducing distortion artifacts. By combining this material with state of the art adhesives and our winding voice coil technology, the 8NPM delivers incredibly high performance.

Frequency Response



Frequency response measurement with mounted in 15litre enclosure tuned to 70Hz

Impedance Response

