

MB8N251

MID - BASS

DESCRIPTION

The MB8N251 is a 8" neodymium mid-bass driver with an excellent linearity, good efficiency and high power handling capabilities. The 2,5" aluminium voice coil combined with a high strength fibreglass former allows high efficiency and good frequency response extension. Aluminium basket and magnetic assembly design provide an excellent heat dissipation and very low power compression. The M-roll surround shape combined to spider design offer good linear displacement and precise low frequency reproduction.



FEATURES

- 2.5-inch , fibreglass former, aluminum voice coil
- 600 Watt continuous program power handling
- 96 dB Sensitivity
- 60 Hz - 3.5kHz Frequency range
- Forced air ventilation
- M-roll surround and exponential cone geometry

TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter:	8 inch / 203 mm
	Rated Impedance:	8 ohm
	Program Power (watt):	600 W
	Power handling capacity:	300 W
	Sensitivity:	96.0 dB
	Frequency range:	60 - 3500 Hz
	Effective piston diameter:	165 mm / 6.5 inch
	Max. Excursion Before Damage:	40 mm / 1.57 inch
	Minimum Impedance (ohm):	6.0 ohm
	Voice Coil Diameter:	2.5 inch / 63 mm
	Voice Coil Winding Material:	Aluminium
	Voice Coil Length:	14 mm / 0.55 inch
	Number of layers:	1
	Kind of layers:	outside
	Top Plate Thickness:	9 mm / 0.35 inch
	Cone Design:	Curved
	Surround Material:	Polycotton
	Surround Design:	M-roll
	Magnets:	Neodymium
	Dual-force air ventilation:	Yes
	Spider:	Single
Thiele - small parameters	Resonance frequency (Fs):	68 Hz
	DC resistance (Re) (ohm):	5.10 ohm
	Mechanical factor:	4.60 Qms
	Electrical factor:	0.26 Qes
	Total factor:	0.25 Qts
	Bl factor (Bl) (T x m):	15.20 T x m
	Effective moving mass (Mms):	27.0 g
	Equivalent Cas air loaded (Vas):	13.0 liters
	Effective piston area (Sd):	0.020 m2
	Max. linear excursion (Xmax):	5 mm
	Voice coil inductance @ 1kHz (Le1k):	1.30 mH
	Half-space efficiency (Eff):	1.70%
Mounting information	Overall diameter:	239 mm / 9.41 inches
	Bolt circle diameter:	221-227 mm / 8.7-8.94 inch
	Bolt hole diameter:	7 mm / 0.28 inch
	Front mount baffle cut-out:	185 mm / 7.28 inch
	Rear mount baffle cut-out:	185 mm / 7.28 inch
	Volume occupied by the driver:	0.6 liters / 0.02 ft3
Standard compliance	Safety agency:	CE compliant

Size	Height:	102 mm / 4.02 inches
	Diameter:	208 mm / 8.19 inches
	Weight:	2.01 kg / 4.43 lbs

Shipping information	Package Height:	125 mm / 4.92 inches
	Package Width:	235 mm / 9.25 inches
	Package Depth:	220 mm / 8.66 inches
	Package Weight:	2.47 kg / 5.45 lbs

PART NUMBER

- **11100061**

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8ohm



