DATASHEET



MB12N351 MID - BASS

DESCRIPTION

The MB12N351 is designed to provide an excellent frequency response linearity with very low distortion. A very strong neodymium magnetic structure guarantee dynamic and precision, a new and unique 3.5" voice coil design provides a very high power handling, especially recommended in comparison to a standard 3" voice coil. The unique Dual-forced air venting system guarantee a very efficient voice coil ventilation to minimize the power compression and provide higher power handling.



FEATURES

- 3.5-inch, fiberglass inside/outside copper voice coil
- 1300W continuous program power handling
- 99 dB Sensitivity
- 45 Hz 3 kHz Frequency range
- Dual-forced air ventilation for minimum power compression
- Single spider design with silicon based damping control



TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter:	12 inch / 305 mm
	Rated Impedance:	8 ohm
	Program Power (watt):	1300 W
	Power handling capacity:	650 W
	Sensitivity:	99 dB
	Frequency range:	45 - 3000 Hz
	Effective piston diameter:	260 mm / 10.24 inch
	Max. Excursion Before Damage:	39 mm / 1.54 inch
	Minimum Impedance (ohm):	7 ohm
	Voice Coil Diameter:	3.5 inch / 89 mm
	Voice Coil Material:	Copper
	Voice Coil Winding Material:	17 mm / 0.67 inch
	Number of layers:	2
	Kind of layers:	inside/outside
	Top Plate Thickness:	11 mm / 0.43 inch
	Cone Design:	Curved
	Surround Material:	Polycotton
	Surround Design:	M-roll
	Magnets:	Neodymium
	Dual-force air ventilation:	Yes
	Spider:	Single with silicon based damping control
Thiele - small parameters	Resonance frequency (Fs):	55 Hz
	DC resistance (Re) (ohm):	5.60 ohm
	Mechanical factor:	4.50 Qms
	Electrical factor:	0.21 Qes
	Total factor:	0.20 Qts
	Bl factor (Bl) (T x m):	22.50 T x m
	Effective moving mass (Mms):	54 gr
	Equivalent Cas air loaded (Vas):	61 liters
	Effettive piston area (Sd):	0.05 m2
	Max. linear excursion (Xmax):	6 mm
	Voice coil inductance @ 1kHz (Le1k):	1.65 mH
	Half-space efficency (Eff):	4.66%
Mounting informations	Overall diameter:	320 mm / 12.6 inches
	Bolt circle diameter:	293-304 mm / 11.54-11.97 inch
	Bolt hole diameter:	7 mm / 0.28 inch
	Front mount baffle cut-out:	282 mm / 11.1 inch
	Rear mount baffle cut-out:	284 mm / 11.18 inch
	Volume occupied by the driver:	2.2 liters / 0.09 ft3

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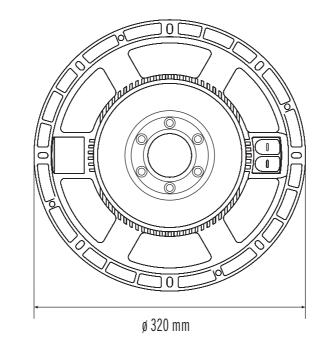
Size Height: 151 mm / 5.94 inches Diameter: 320 mm / 12.6 inches 4.5 kg / 9.92 lbs Weight: **Shipping informations** Package Height: 210 mm / 8.27 inches Package Width: 360 mm / 14.17 inches Package Depth: 360 mm / 14.17 inches Package Weight: 5.49 kg / 12.1 lbs

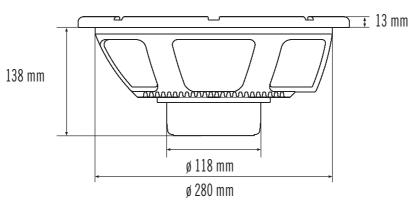
PART NUMBER

• 11100026

MB12N351 8ohm

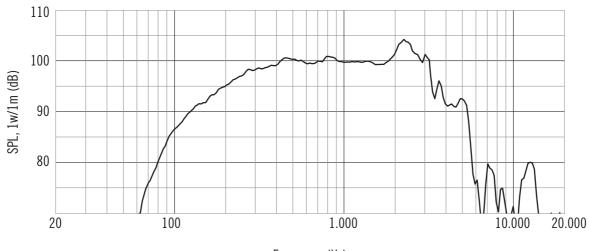






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Frequency (Hz)

