

MB15X351

MID BASS

DESCRIPTION

The MB15N351 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 new dual forced hyper-venting system guarantee a very efficient voice coil ventilation for minimum power compression and incredible power handling.



FEATURES

- 3.5-inch, fiberglass inside/outside copper voice coil
- 1400W continuous program power handling
- 99 dB Sensitivity
- 40 Hz - 2.5 kHz Frequency range
- Dual Forced Hyperventing System
- Dual spider design with silicon based dampening control
- M-roll surround and corrugated straight cone geometry

TECHNICAL SPECIFICATIONS

General specifications

Nominal Diameter:	15 inch / 381 mm
Rated Impedance:	8 ohm
Program Power (watt):	1400 W
Power handling capacity:	700 W
Sensitivity:	99.0 dB
Frequency range:	40 - 2500 Hz
Effective piston diameter:	330 mm / 12.99 inch
Max. Excursion Before Damage:	40 mm / 1.57 inch
Minimum Impedance (ohm):	6.5 ohm
Voice Coil Diameter:	3.5 inch / 89 mm
Voice Coil Winding Material:	Copper
Voice Coil Length:	19 mm / 0.75 inch
Number of layers:	2
Kind of layers:	inside/outside
Top Plate Thickness:	10 mm / 0.39 inch
Cone Design:	Curved
Surround Material:	Polycotton
Surround Design:	M-roll
Magnets:	Ceramic
Dual-force air ventilation:	Yes
Spider:	Dual with silicon based damping control

Thiele - small parameters

Resonance frequency (Fs):	46 Hz
DC resistance (Re) (ohm):	5.40 ohm
Mechanical factor:	6.70 Qms
Electrical factor:	0.33 Qes
Total factor:	0.31 Qts
Bl factor (Bl) (T x m):	22.80 T x m
Effective moving mass (Mms):	106.0 g
Equivalent Cas air loaded (Vas):	114.0 liters
Effective piston area (Sd):	0.090 m ²
Max. linear excursion (Xmax):	7 mm
Voice coil inductance @ 1kHz (Le1k):	0.90 mH
Half-space efficiency (Eff):	3.20%

Mounting informations

Overall diameter:	393 mm / 15.47 inches
Bolt circle diameter:	371-376 mm / 14.61-14.8 inch
Bolt hole diameter:	7 mm / 0.28 inch
Front mount baffle cut-out:	354 mm / 13.94 inch
Rear mount baffle cut-out:	354 mm / 13.94 inch
Volume occupied by the driver:	4.5 liters / 0.18 ft ³

Standard compliance

CE marking:	Yes
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Size	Height:	167 mm / 6.57 inches
	Diameter:	393 mm / 15.47 inches
	Weight:	8.2 kg / 18.08 lbs

Shipping informations	Package Height:	209 mm / 8.23 inches
	Package Width:	439 mm / 17.28 inches
	Package Depth:	434 mm / 17.09 inches
	Package Weight:	9.5 kg / 20.94 lbs

PART NUMBER

- **11100101**
MB15X351
8ohm

