

MB12X351

MID - BASS

DESCRIPTION

The MB12X351 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
- 98.5 dB Sensitivity
- 45 Hz – 2.5 kHz Frequency range

TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter:	12 inch / 305 mm
	Rated Impedance:	8 ohm
	Program Power (watt):	1400 W
	Power handling capacity:	700 W
	Sensitivity:	98.5 dB
	Frequency range:	45 - 2500 Hz
	Effective piston diameter:	260 mm / 10.24 inch
	Max. Excursion Before Damage:	40 mm / 1.57 inch
	Minimum Impedance (ohm):	7.1 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):	55 Hz
	DC resistance (Re) (ohm):	5.40 ohm
	Mechanical factor:	5.90 Qms
	Electrical factor:	0.27 Qes
	Total factor:	0.26 Qts
	Bl factor (Bl) (T x m):	22.50 T x m
	Effective moving mass (Mms):	72.0 g
	Equivalent Cas air loaded (Vas):	46.0 liters
	Effective piston area (Sd):	0.050 m2
	Max. linear excursion (Xmax):	7 mm
	Voice coil inductance @ 1kHz (Le1k):	0.90 mH
	Half-space efficiency (Eff):	3.00%
Mounting information	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
Standard compliance	Safety agency:	CE compliant

Size

Height:	143 mm / 5.63 inches
Diameter:	320 mm / 12.6 inches
Weight:	7.6 kg / 16.76 lbs

Shipping information

Package Height:	194 mm / 7.64 inches
Package Width:	354 mm / 13.94 inches
Package Depth:	364 mm / 14.33 inches
Package Weight:	8.4 kg / 18.52 lbs

PART NUMBER

- **11100100**

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8ohm



