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

Part Number

11100100	MB12X351	8ohm

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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 efficency (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

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

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Line Art 2D



