MB10G251

MID - BASS



Description

The MB10G251 is designed to provide an excellent frequency response linearity with very low distortion. A strong magnetic structure guarantee dynamic and precision. M-roll surround and spider design offer great linearity and precise reproduction.

Features

- 2.5-inch , fibreglass former, aluminum voice coil
- 600 Watt continuous program power handling
- 98.5 dB Sensitivity
- 55 Hz - 3.0kHz Frequency range
- M-roll surround and exponential cone geometry

Part Number

11100110	MB10G251	8ohm	Black

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TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter	10 inch / 254 mm
	Rated Impedance	8 ohm
	Program Power (watt)	600 W
	Power handling capacity	300 W
	Sensitivity	98.5 dB
	Frequency range	55 - 3000 Hz
	Effective piston diameter	210 mm / 8.27 inch
	Max. Excursion Before Damage	40 mm / 1.57 inch
	Minimum Impedance (ohm)	6.4 ohm
	Voice Coil Diameter	2.5 inch / 63 mm
	Voice Coil Winding Material	Aluminum
	Voice Coil Length	18 mm / 0.71 inch
	Number of layers	2
	Kind of layers	inside/outside
	Top Plate Thickness	8 mm / 0.31 inch
	Cone Design	Curved
	Surround Material	Polycotton
	Surround Design	M-roll
	Magnets	Ceramic
	Spider	Single
Thiele - small parameters	Resonance frequency (Fs)	76 Hz
	DC resistance (Re) (ohm)	5.20 ohm
	Mechanical factor	8.00 Qms
	Electrical factor	0.35 Qes
	Total factor	0.34 Qts
	Bl factor (Bl) (T x m)	14.90 T x m
	Effective moving mass (Mms)	33.0 g
	Equivalent Cas air loaded (Vas)	24.0 liters
	Effective piston area (Sd)	0.040 m2
	Max. linear excursion (Xmax)	7 mm
	Voice coil inductance @ 1kHz (Le1k)	0.50 mH
	Half-space efficency (Eff)	2.71%
Mounting information	Overall diameter	260 mm / 10.24 inches
	Bolt circle diameter	241-246 mm / 9.49-9.69 inch
	Bolt hole diameter	6 mm / 0.24 inch
	Front mount baffle cut-out	232 mm / 9.13 inch
	Rear mount baffle cut-out	232 mm / 9.13 inch
	Volume occupied by the driver	1.2 liters / 0.05 ft3
Standard compliance	Safety agency	CE compliant
Physical specifications	Color	Black

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Size / Weight	Height	123 mm / 4.84 inches
	Diameter	260 mm / 10.24 inches
	Weight	5 kg / 11.02 lbs

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Line Art 2D

