

MB8G200

MID-BASS

DESCRIPTION

The MB8G200 is a professional mid-bass woofer featuring very high output and dynamics.

The equipment, used a 22 coil, fiberglass former and copper inside / outside winding, has enable a very good transient peak response and has allowed good extension on mid-high frequencies. A specially designed M-roll surround guarantee a very low midrange distortion and perfect damping of the spurious resonances. Inverted dust cap for minimum cone break-up.



FEATURES

- 2-inch, fiberglass former, copper voice coil
- 400W continuous program power handling
- 94 dB Sensitivity
- 60 Hz – 4 kHz Frequency range
- M-roll damped surround

TECHNICAL SPECIFICATIONS

General specifications

Nominal Diameter:	8 inch / 203 mm
Rated Impedance:	8 ohm
Program Power (watt):	400 W
Power handling capacity:	200 W
Sensitivity:	94.0 dB
Frequency range:	60 - 4000 Hz
Effective piston diameter:	165 mm / 6.5 inch
Max. Excursion Before Damage:	30 mm / 1.18 inch
Minimum Impedance (ohm):	6.2 ohm
Voice Coil Diameter:	2.0 inch / 51 mm
Voice Coil Winding Material:	Copper
Voice Coil Length:	16 mm / 0.63 inch
Number of layers:	2
Kind of layers:	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):	4.80 ohm
Mechanical factor:	3.70 Qms
Electrical factor:	0.37 Qes
Total factor:	0.33 Qts
Bl factor (Bl) (T x m):	12.50 T x m
Effective moving mass (Mms):	25.0 g
Equivalent Cas air loaded (Vas):	11.0 liters
Effective piston area (Sd):	0.020 m ²
Max. linear excursion (Xmax):	6.0 mm
Voice coil inductance @ 1kHz (Le1k):	1.40 mH
Half-space efficiency (Eff):	1.26%

Mounting informations

Overall diameter:	239 mm / 9.41 inches
Bolt circle diameter:	221 mm / 8.7 inch
Bolt hole diameter:	7 mm / 0.28 inch
Front mount baffle cut-out:	184 mm / 7.24 inch
Rear mount baffle cut-out:	184 mm / 7.24 inch
Volume occupied by the driver:	0.8 liters / 0.03 ft ³

Standard compliance

CE marking:	Yes
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Size

Height:	99 mm / 3.9 inches
Diameter:	208 mm / 8.19 inches
Weight:	3.54 kg / 7.8 lbs

**Shipping informations**

Package Height:	160 mm / 6.3 inches
Package Width:	245 mm / 9.65 inches
Package Depth:	230 mm / 9.06 inches
Package Weight:	4.03 kg / 8.88 lbs

PART NUMBER

- **11100018**
MB8G200