8MB710 8Ω

LF drivers - 8.0 Inches

- 99,5 dB SPL 1W-1m average sensitivity
- 500 W program power handling
- 51 mm (2 in) Interleaved sandwich voice coil
- Weather protected cone and coated plates
- Suitable for high performance three-way systems

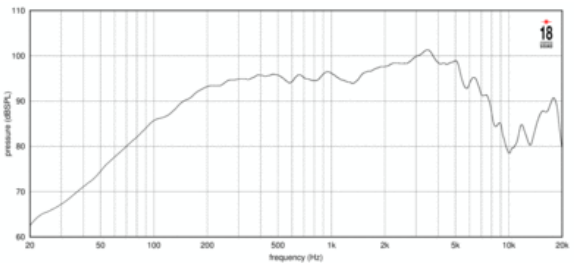
Limited distribution U.S. only. Contact Universal music (U.S. official distributor) for infos

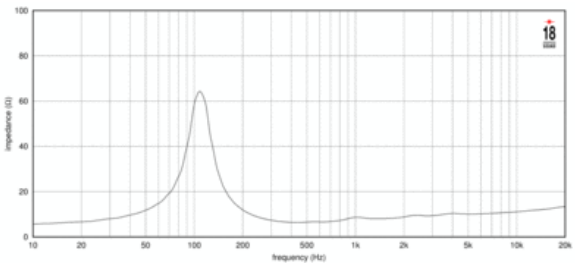
18 Sound’s 8MB710 mid-bass transducer is a state-of-the-art 8-inch ceramic midbass driver that combines excellent linearity with high power handling capabilities (500 W program power), very low distortion and reduced power compression .

The 51mm (2 in) employs Interleaved Sandwich Voice coil (ISV) technology.

The cone is treated against aggressive weather conditions.

The 8MB710 is an ideal choice for high performances compact three-way systems.





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LF drivers - 8.0 Inches

SPECIFICATIONS

Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω
Nominal Power Handling[1]	250 W
Continuous Power Handling[2]	500 W
Sensitivity[3]	99.5 dB
Frequency Range	150 - 3500 Hz
Voice Coil Diameter	51 mm (2.0 in)

DESIGN

Surround Shape	Triple roll
Cone Shape	Curvilinear
Magnet Material	Ferrite
Woofer Cone Treatment	Weather protected
Recommended Enclosure	10.0 dm^3 (0.35 ft^3)
Recommended Tuning	120 Hz

PARAMETERS[4]

Resonance Frequency	108 Hz
Re	5.2 Ω
Qes	0.35
Qms	4.6
Qts	0.32
Vas	9.0 dm^3 (0.32 ft^3)
Sd	227.0 cm^2 (35.19 in^2)
η_0	3.1 %
Xmax	2.25 mm
Xvar	3.0 mm
Mms	18.0 g
Bl	13.4 Txm
Le	0.11 mH
EBP	308 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	225 mm (8.86 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	186.0 mm (7.32 in)
Depth	105 mm (4.13 in)
Flange and Gasket Thickness	11 mm (0.43 in)
Net Weight	4.2 kg (9.26 lb)
Shipping Weight	4.6 kg (10.14 lb)
Shipping Box	235x235x150 mm (9.25x9.25x5.91 in)

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.