



- 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

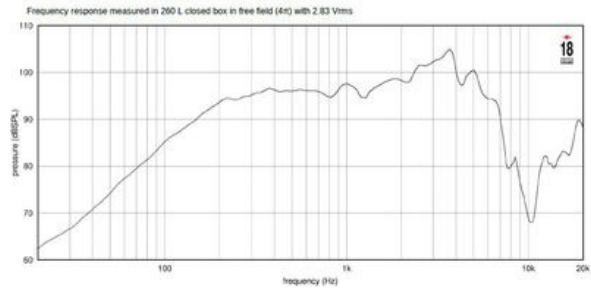
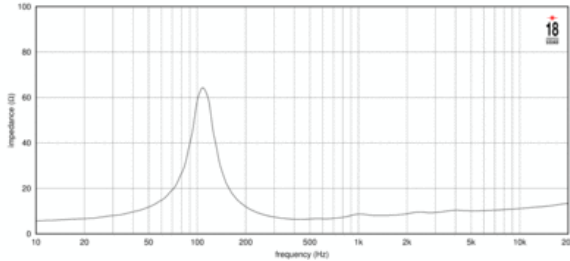
18 Sound's 8MB710 mid-bass neodymium transducer is a state-of-the-art 8-inch ceramic midbass driver that combines excellent linearity with high power handling capabilities (500 W program power), very low distortion and reduced power compression .

The external neodymium magnet assembly assures high flux concentration and excellent heat exchange.

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.



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 |
| Woofers Cone Treatment | Weather protected |
| Recommended Enclosure | 10.0 dm ³ (0.35 ft ³) |
| Recommended Tuning | 120 Hz |

PARAMETERS⁴

| | |
|---------------------|--|
| 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 _o | 3.1 % |
| X _{max} | 2.25 mm |
| X _{var} | 3.0 mm |
| M _{ms} | 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 | 4.6 kg (10.14 lb) |
| Shipping Weight | 4.2 kg (9.26 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.