# 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

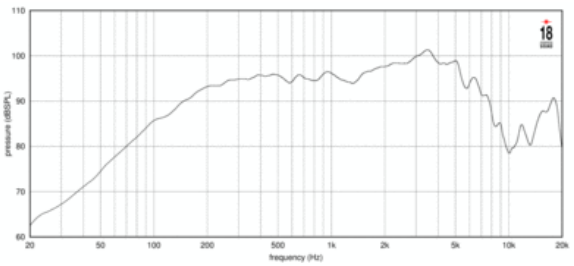
Limited distribution U.S. only. Contact Universal music (U.S. official distributor) for infos

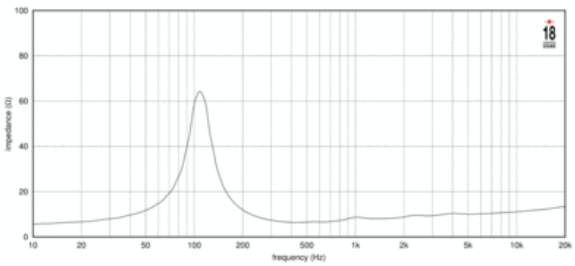
18 Sound’s 8MB710 mid-bass transducer is a state-of-the-art 8-inch ceramic midbass driver that combines excellent linearity with high power handling capabilities (500 W program power), very low distortion and reduced power compression .

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 $in^2$) |
| $\eta_0$ | 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.