

12XM800

8Ω

LF Drivers - 12.0 Inches



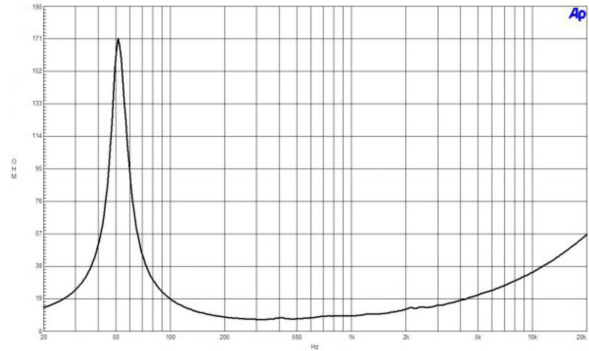
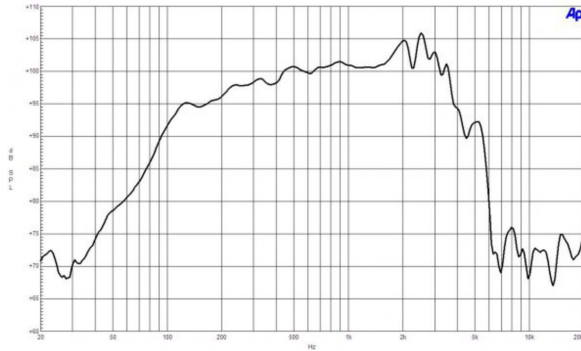
- Extremely high efficiency mid-bass
- 3" aluminium voice coil
- 800 watts power handling
- Excellent linearity up to 4 kHz
- Aluminium demodulating ring allows a very low distortion figure

Limited Distribution Product

Mexico only - Contact ProAudio Comercializadora for [more information](#).

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SPECIFICATIONS

Nominal Diameter	320 mm (12.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
Nominal Power Handling ¹	400 W
Continuous power handling ²	800 W
Sensitivity (1W/1m) ³	102.0 dB
Frequency Range	80 - 4000 Hz
Voice Coil Diameter	76 mm (3.0 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	14.0 mm (0.55 in)
Magnetic Gap Depth	8.0 mm (0.31 in)
Flux Density	1.4 T

DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Spider	Single
Pole Design	T-Pole

PARAMETERS⁴

Resonance Frequency	52 Hz
Re	5.1 Ω
Qes	0.2
Qms	6.3
Qts	0.19
Vas	71.0 dm ³ (2.5 ft ³)
Sd	522.0 cm ² (80.9 in ²)
η _o	5.0 %
Xmax	± 3.5 mm
Xvar	± 5.0 mm
Mms	50.0 g
Bl	21.3 Txm
Le	1.1 mH
EBP	260 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	316 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282.0 mm (11.1 in)
Depth	134 mm (5.3 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Air Volume Occupied by Driver	0.0 dm ³ (0.0 ft ³)
Net Weight	7.6 kg (16.76 lb)
Shipping Units	1
Shipping Weight	8.5 kg (18.74 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 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.