

# MAMZER 30 (16Ω)

## 12-Inch, Ceramic, Guitar Loudspeaker



### GENERAL SPECIFICATIONS (8Ω Model)

Nominal Chassis Diameter	12" / 304.8 mm
Impedance	8 / 16 Ω
Power Rating**	60 Watts
Frequency Range	70 Hz - 5 kHz
Sensitivity (1 w - 1 m)	100 dB
Magnet Weight	1.7 Kg / 59 oz
Magnetic Gap Depth	8 mm / 0.31"
Flux Density	1.4 Tesla
Coil Winding Height	11 mm / 0.43"
Voice Coil Diameter	44.45 mm / 1.75"

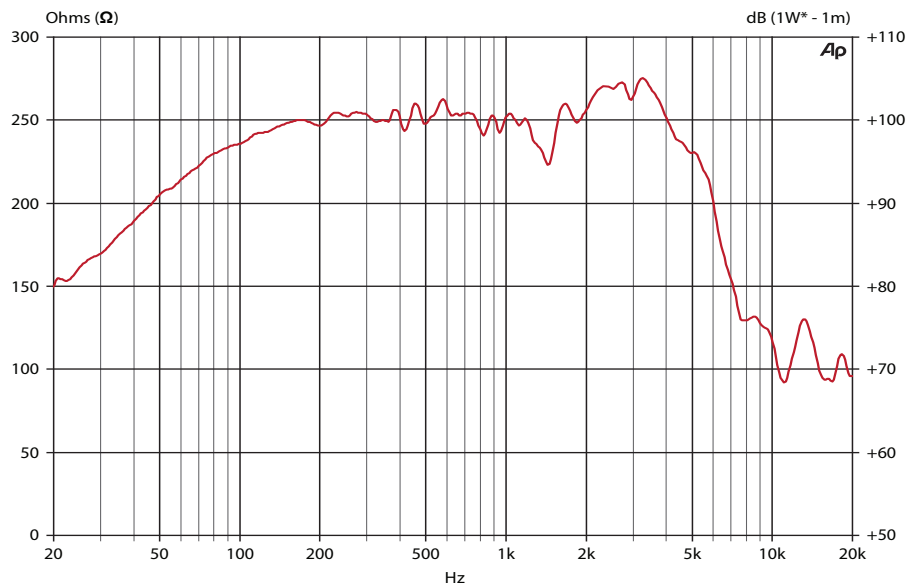
### MATERIALS OF CONSTRUCTION

Voice Coil Material	Copper
Former Material	Paper
Magnet Material	Ceramic
Chassis Material	Pressed Steel
Cone Material	Paper
Front Gasket Material	Foam
Surround / Edge Termination	Paper
Dust Dome	Fabric
Connectors	Solder Tabs

### MOUNTING INFORMATION

Overall Diameter	309 mm / 12.17"
Flange Height	5 mm / 0.20"
Overall Depth	130 mm / 5.12"
Magnet Structure Diameter	152 mm / 5.98"
Gasket(s) Supplied	Front & Rear
Baffle Cut-out Diameter	284 mm / 11.18"
Mounting Hole Information	4 x Ø8mm on 297 mm PCD
Nett Weight	4.85 Kg / 10.69 lb

### IMPEDANCE AND FREQUENCY RESPONSE



### THIELE SMALL PARAMETERS

Fs	70 Hz	Vas	76.11 Litres
Re	11.98 Ω	Vd	0.077 Litres
Le	0.80 mH	Sd	511 cm <sup>2</sup>
L2	1.40 mH	Cms	0.216 mm/N
R2	8.16 Ω	BL	15.6 T/m
Qms	15.182	Mms	29.6 g
Qes	0.453	Xmax / Xlim	1.5 mm / 6 mm
Qts	0.440	Efficiency %	3.24 %