



G1211

Product description

Classic guitar speaker for use in electric guitar amplifiers.

Main features:

- aluminum die-cast frame;
- removable self-centering ferrite magnet system;
- inside-outside round copper voice coil.



Specifications

Nominal diameter, inches (mm)	12(300)
Nominal impedance, Ohm	8/16
Rated power (AES), W *	70
Frequency range, Hz	80-5000
Sensitivity (1W / 1m), dB	102
Minimum impedance, Ohm	12,1@270Hz
Bl product, Tm	16
Voice coil inductance, mH (1kHz)	1,2
Moving Mass Mms, g	37

Voice coil

Diameter, inches (mm)	1,75(44)
Winding material	copper
Former material	glass fiber
Winding depth, mm	11

Magnetic system

Magnetic gap depth, mm	8
Flux density, T	1,09

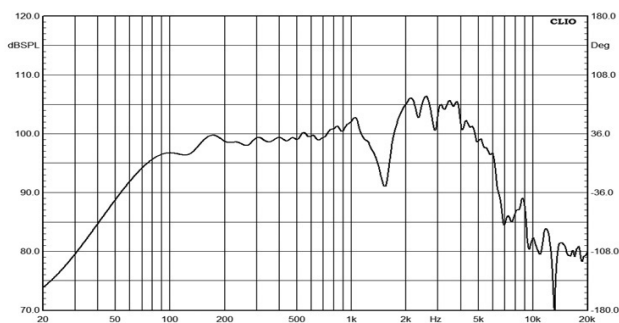
Thiele-Small parameters **

Fs, Hz	81
Vas, l	35,5
Qts	0,78
Qes	0,83
Qms	12,5
Re, Ohm	11,2
Sd cm ²	500
Xmax, mm ***	3,5
η, %	2,2

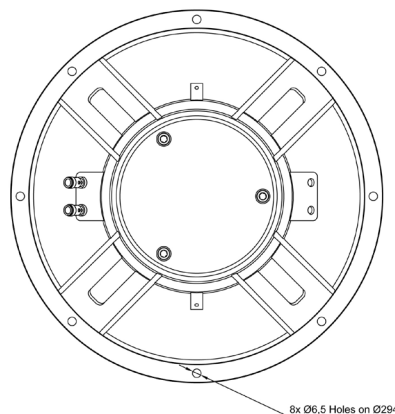
Mounting information

Overall diameter, mm	312
Baffle cutout diameter, mm	282
Bolt hole diameter, mm	7
Bolt circle diameter, mm	294
Height, mm	130
Net weight, kg	3,5

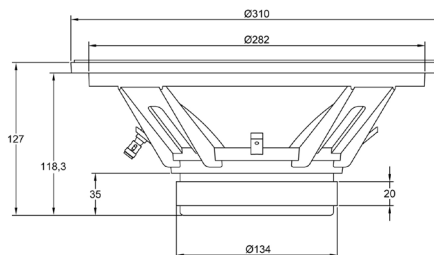
FREQUENCY RESPONSE



Frequency response measured in a 1200 litre sealed box @ 2.83 v - 1m, 2 π



8x Ø6.5 Holes on Ø294



* Rated power is determined according to AES2 - 1984 (r 2003) standard.

** TS parameters are measured after a preconditioning power test.

*** Xmax is calculated as: $(H_{vc} - H_g) / 2 + H_g / 4$ where H_{vc} is the voice coil winding depth and H_g is the gap depth.

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