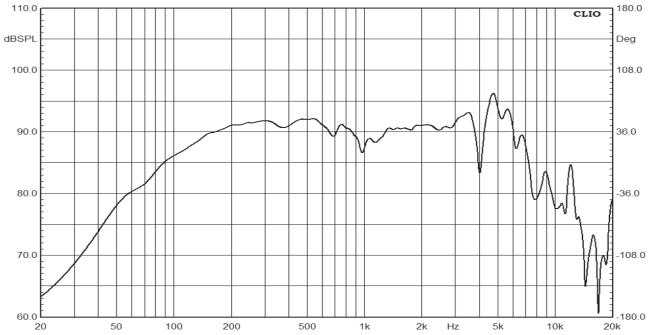
M0615

MID BASS TRANSDUCER FOR COMPACT TWO-WAY AND MULTI-WAY SPEAKERS

Main features:
· aluminum die-cast frame with improved voice coil ventilation;
· removable self-centering ferrite magnet system;
· inside-outside copper voice coil.

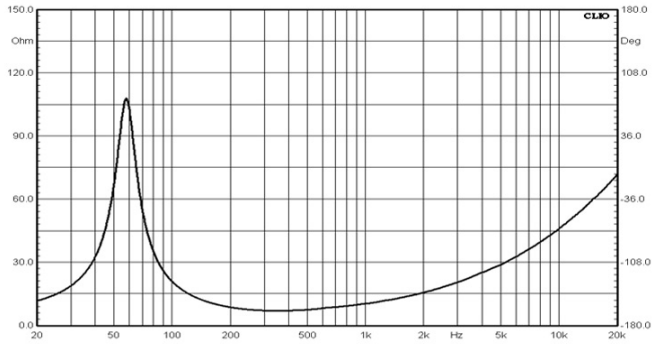
Main specifications:
· 6.5" nominal diameter;
· 260 W AES program power;
· 92,5 dB 1W/1m sensitivity;
· 1.75" copper voice coil;
· 2.5 kg weight.

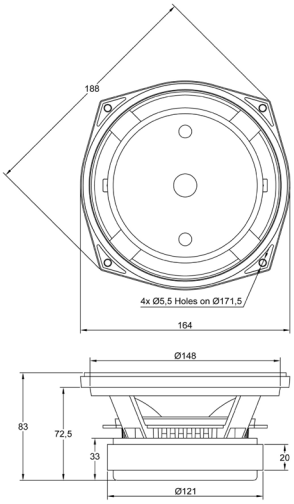
Frequency response



Frequency response measured in a 1200 litre sealed box @ 2,83 v - 1m, 2 ϖ

Free air impendance





* Rated power is determinited according to AES2 - 1984 (r2003) standard.
** TS parameters are measured after a preconditioning power test.
*** Xmax is calculated as: (Hvc - Hg) / 2 + Hg / 4 where Hvc is the voice coil winding depth and Hg is the gap depth.

Specifications

Nominal diameter, inches (mm)	6,5(165)
Nominal impedance, Ohm	8/16
Rated power (AES), W	130*
Frequency range, Hz	70-6000
Sensitivity (1W / 1m), dB	92,5
Minimum impedance, Ohm	6,9@350Hz
Bl product, Tm	11,2
Voice coil inductance, mH (1kHz)	0,9
Moving mass Mms, g	15,2

Voice coil and Magnetic system

Diameter, inches (mm)	1,75(44)
Winding material	copper
Former material	glass fiber
Winding depth, mm	12,5
Magnetic gap depth, mm	7
Flux density, T	1,1

Thiele-Small parameters**

Fs, Hz	58
Vas, l	11,2
Qts	0,24
Qes	0,26
Qms	4,5
Re, Ohm	5,8
Sd, cm²	127
Xmax, mm	4,5***
n, %	0,82

Mounting information

Overall diameter, mm	164/188
Baffle cutout diameter, mm	148
Bolt hole diameter, mm	5,5
Bolt circle diameter, mm	172
Height, mm	83
Net weight, kg	2,5

info@mag-audio.com **www.mag-audio.com**
Tel./Fax: +38 044 277-47-89