



8N200

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



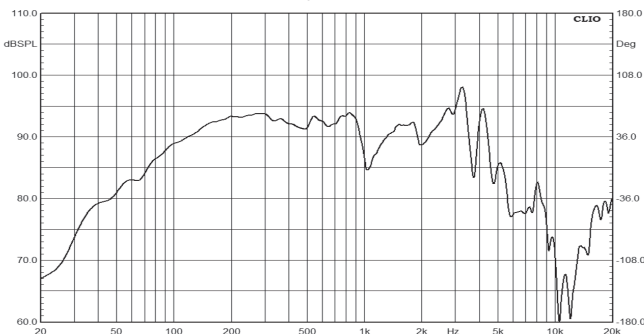
Main features:

- aluminum die-cast frame with improved voice coil ventilation;
- removable self-centering neodymium magnet system;
 - inside-outside copper voice coil;
 - treated cone for water protection.

Main specifications:

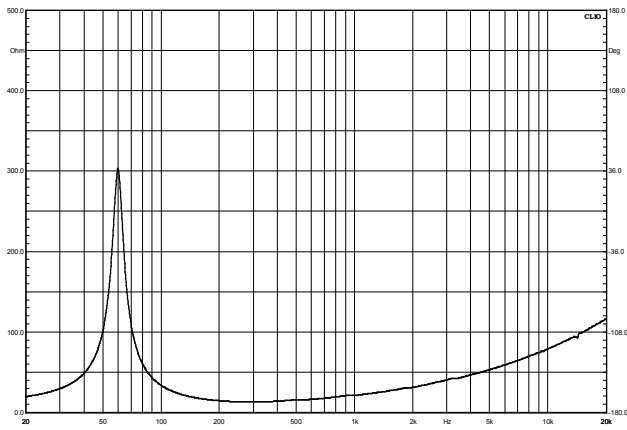
- 8" nominal diameter;
- 400 W AES program power;
- 94 dB 1W/1m sensitivity;
- 2" cooper voice coil;
- 1,8 kg weight.

Frequency response



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

Free air impedance



Nominal diameter, inches (mm)	8(200)
Nominal impedance, Ohm	16
Rated power (AES), W	200*
Frequency range, Hz	65-4000
Sensitivity (1W / 1m), dB	94
Minimum impedance, Ohm	13,2@310Hz
Bl product, Tm	20,0
Voice coil inductance, mH (1kHz)	1,8
Moving mass Mms, g	30,3

Specifications

Diameter, inches (mm)	2(51)
Winding material	copper
Former material	glass fiber
Winding depth, mm	19
Magnetic gap depth, mm	8
Flux density, T	1,23

Voice coil and Magnetic system

Fs, Hz	59,7
Vas, l	15,7
Qts	0,3
Qes	0,31
Qms	8,4
Re, Ohm	11,0
Sd, cm ²	219
Xmax, mm	7,5 ***
n, %	1,03

Thiele-Small parameters**

Overall diameter, mm	206/236
Baffle cutout diameter, mm	185
Bolt hole diameter, mm	5,5
Bolt circle diameter, mm	217
Height, mm	102
Net weight, kg	1,8

Mounting information

* Rated power is determined 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.