



10N321

HIGH OUTPUT MID BASS TRANSDUCER FOR HORN AND MULTI-WAY SPEAKERS



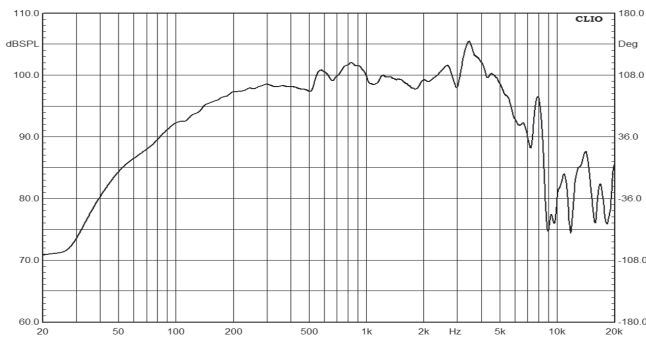
Main features:

- aluminum die-cast octagonal frame with small installation dimensions;
- removable self-centering neodymium magnet system;
- high-temperature inside-outside aluminum voice coil.

Main specifications:

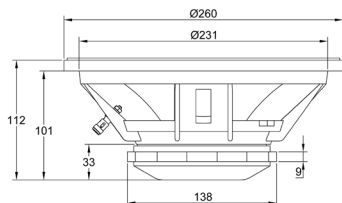
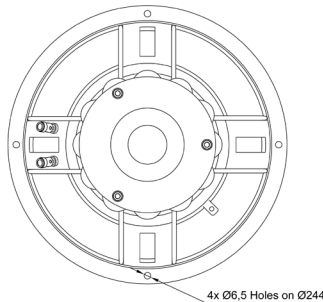
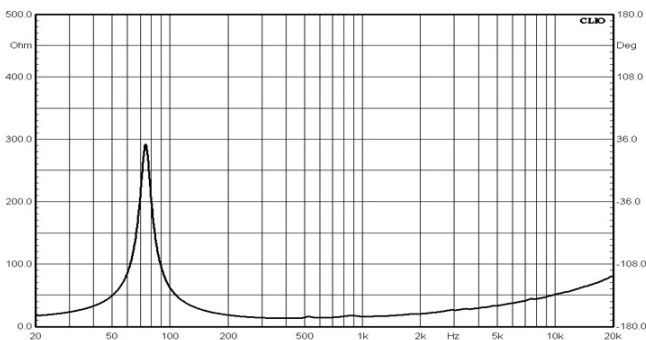
- 10" nominal diameter;
- 600 W AES program power;
- 100 dB 1W/1m sensitivity;
- 3" aluminum voice coil;
- 3,7 kg weight.

Frequency response



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

Free air impedance



Nominal diameter, inches (mm)	10(250)
Nominal impedance, Ohm	8
Rated power (AES), W	300*
Frequency range, Hz	80-5000
Sensitivity (1W / 1m), dB	100
Minimum impedance, Ohm	7@410Hz
Bl product, Tm	20,2
Voice coil inductance, mH (1kHz)	0,44
Moving mass Mms, g	34,2

Diameter, inches (mm)	3(76)
Winding material	aluminum
Former material	glass fiber
Winding depth, mm	11
Magnetic gap depth, mm	8
Flux density, T	1,45

Fs, Hz	75,1
Vas, l	22
Qts	0,21
Qes	0,22
Qms	6,6
Re, Ohm	5,5
Sd, cm ²	346
Xmax, mm	3,5 ***
n, %	4,1

Overall diameter, mm	264/285
Baffle cutout diameter, mm	233
Bolt hole diameter, mm	6x8
Bolt circle diameter, mm	263
Height, mm	122
Net weight, kg	3,7

Specifications

Voice coil and Magnetic system

Thiele-Small parameters **

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.