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PROFESSIONAL LOUDSPEAKERS
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CP-850Nd

COMPRESSION DRIVER

KEY FEATURES

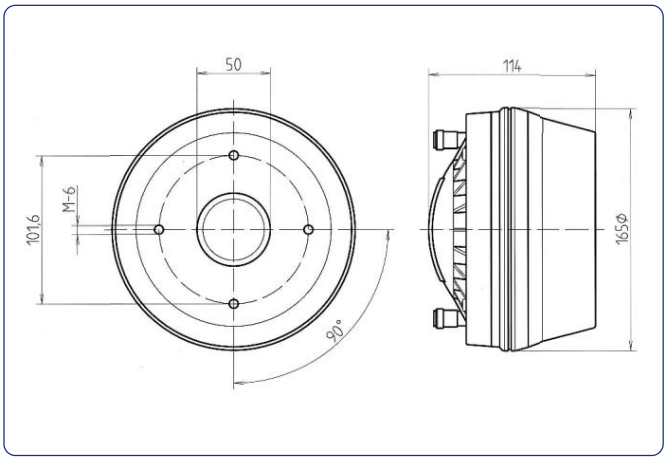
- 2” exit (50 mm) high frequency compression driver
- 4” (100 mm) voice coil diameter
- 200 W program power above 500 Hz
- Sensitivity: 112 dB, 1 W @ 1 m
- Integral pure Titanium diaphragm
- Lightweight aluminium voice coil
- Aluminium cover
- Neodymium magnet



TECHNICAL SPECIFICATIONS

Throat diameter	50,8 mm.	2 in.
Rated impedance		8 Ω
Minimum impedance		7 Ω @ 2 kHz
D.C. resistance		5,6 Ω
Power capacity*	100 W_{AES} above 500 Hz 150 W_{AES} above 1,2 kHz	
Program power	200 W above 500 Hz 300 W above 1,2 kHz	
Sensitivity**	112 dB 1W @ 1m coupled to TD-460/N	
Frequency range		0,5 - 20 kHz
Recommended crossover		0,5 kHz or higher (12 dB/oct min.)
Voice coil diameter	100 mm	4 in
Magnetic assembly weight	3,6 kg	7,9 lb
Flux density		2 T
BL factor		16,5 N/A

DIMENSION DRAWINGS



MOUNTING INFORMATION

Overall diameter	165 mm	6,5 in
Depth	114 mm	4,5 in
Mounting	Four M6 threaded holes, 90º apart on 101,6 mm (4”) diameter circle	
Net weight	4,4 kg	9,7 lb
Shipping weight	5 kg	11 lb

Notes:

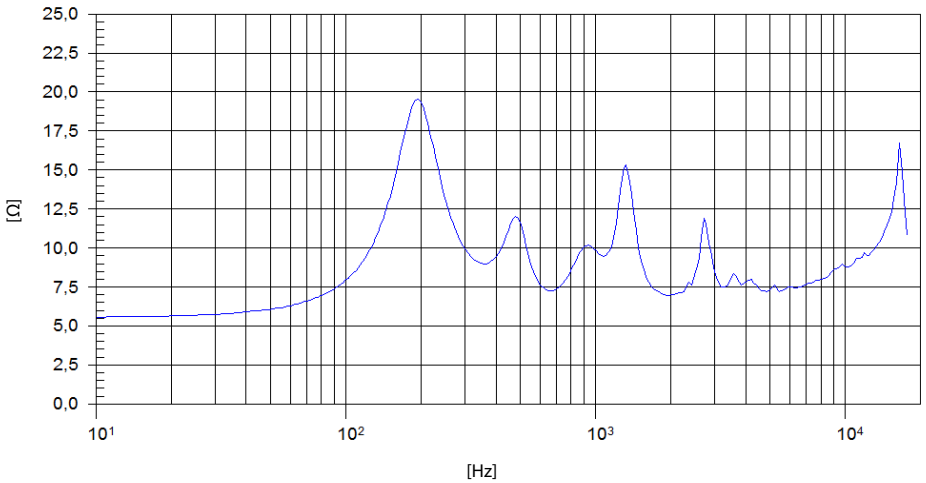
* The power capaticty is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer’s ability to handle normal music program material.

** Sensitivity was measured at 1m distance, on axis, with 1 W input, averaged in the range 1 - 7 kHz.

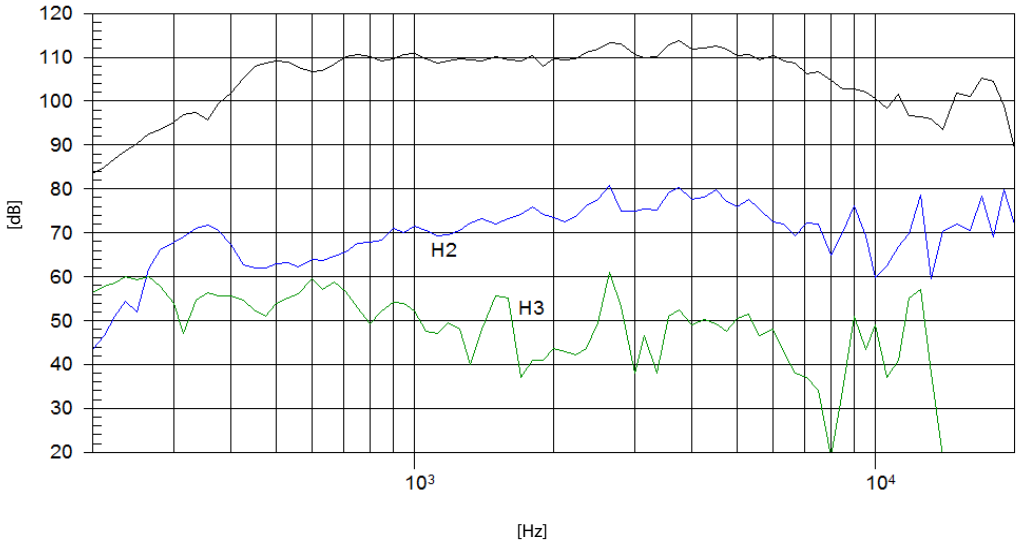
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COMPRESSION DRIVER

FREE AIR IMPEDANCE CURVE



FREQUENCY RESPONSE AND DISTORTION



Note: On axis frequency response measured coupled to TD-460/N horn in anechoic chamber, 1W @ 1m

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