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PROFESSIONAL LOUDSPEAKERS
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CP-855Nd

COMPRESSION DRIVER

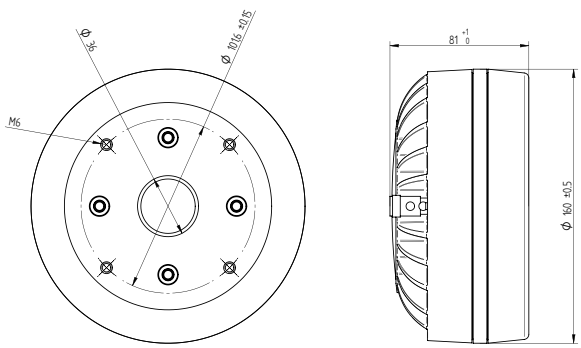
KEY FEATURES

- 1,4” exit (36 mm) high frequency compression driver
- 4” (100 mm) voice coil diameter
- 200 W program power above 500 Hz
- Sensitivity: 112 dB, 2,83 V @ 1 m
- Integral pure Titanium diaphragm
- Lightweight aluminium voice coil
- Aluminium cover
- Neodymium magnet

TECHNICAL SPECIFICATIONS

Throat diameter	36 mm.	1,4 in.
Rated impedance		8 Ω
Minimum impedance		6,6 Ω @ 5,3 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 2.83v @ 1m coupled to TD-365
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

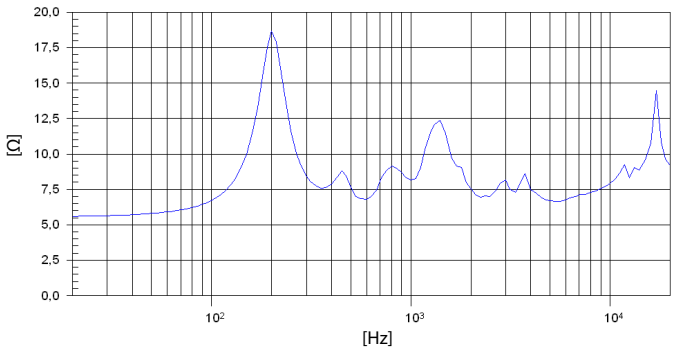
DIMENSION DRAWINGS



MOUNTING INFORMATION

Overall diameter	160 mm	6,29 in
Depth	80 mm	3,14 in
Mounting	Four M6 threaded holes, 90º apart on 101,6 mm (4”) diameter circle	
Net weight	4,3 kg	8,81 lb
Shipping weight	4,8 kg	10,57 lb

FREE AIR IMPEDANCE CURVE



Note: Electrical impedance measured coupled to TD-385 horn

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 2,83 V input, averaged in the range 1 - 7 kHz.

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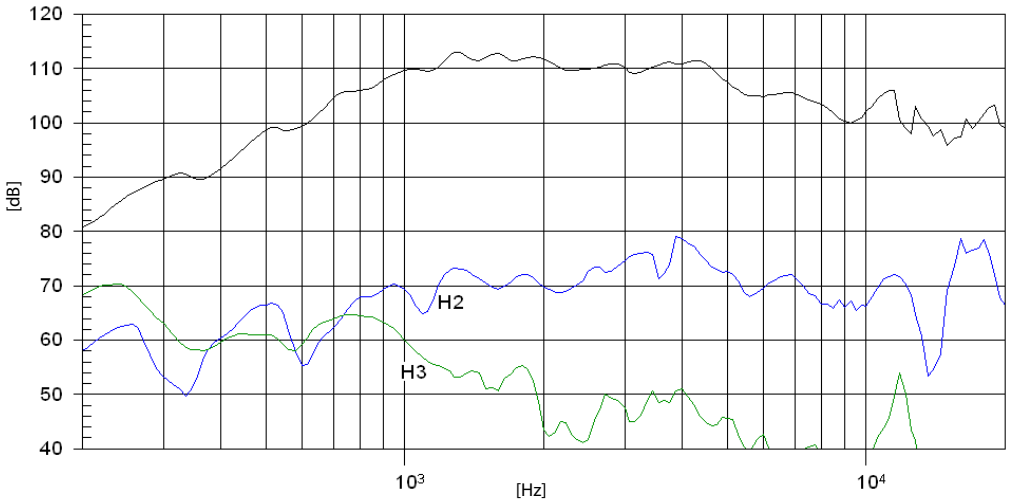
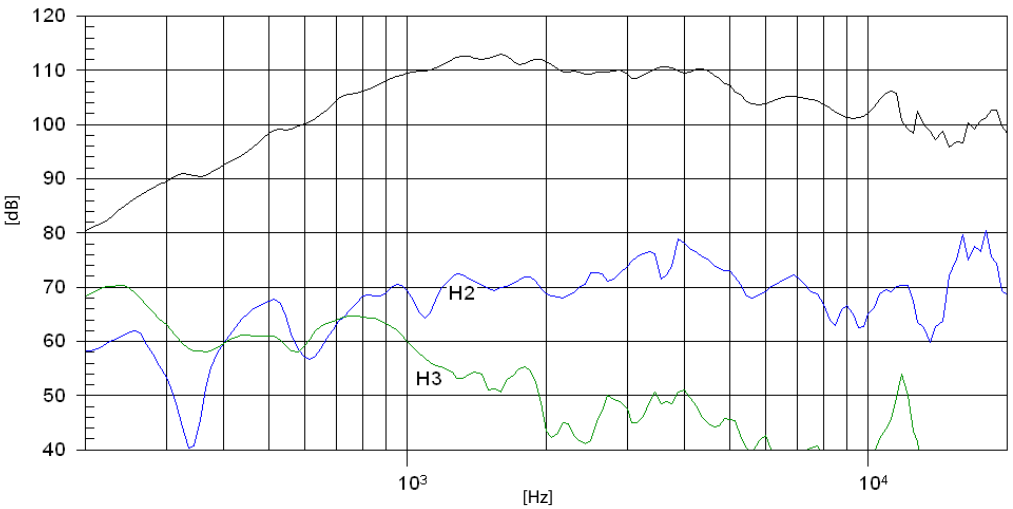
FREQUENCY RESPONSE AND DISTORTION



Note: On axis frequency response measured coupled to TD-365 horn in anechoic chamber, 2,83 v @ 1m



Note: On axis frequency response measured coupled to TD-385 horn in anechoic chamber, 2,83 v @ 1m