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PROFESSIONAL LOUDSPEAKERS
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CD-314Nd/Ti

COMPRESSION DRIVER

Preliminary Data Sheet

KEY FEATURES

- Next generation high performance 1,4” (36 mm) exit compression driver
- Deplocex® Patent Pending Technology for improved thermal disipation, low power compression losses and high power handling
- 3” (76,2 mm) Copper Clad Aluminum voice coil with Nomex former
- 260 W program power above 1,2 kHz
- Sensitivity: 110 dB (1W / 1m)
- Exclusive Titanium dome and surround desing optimized with F.E.M for linear and extended response with minimized resonances
- Copper shorting cap for reduced distortion, linear inductance and increased output
- Propietary design of metal alloy phase plug with F.E.M optimized geometry and improved assembly design
- F.E.M. optimized high grade neodymium magnetic circuit
- Aluminium cover





TECHNICAL SPECIFICATIONS

Throat diameter	36 mm	1,4 in
Rated impedance		8 Ω
Minimum impedance		5,5 Ω
D.C. resistance		4,4 Ω
Power capacity [1]	90 W_{AES} above 0,8 kHz	
	130 W_{AES} above 1,2 kHz	
Program power [2]	180 W above 0,8 kHz	
	260 W above 1,2 kHz	
Sensitivity [3]	110 dB 1W / 1m @ Z_N	
	coupled to TD-385	

Frequency range	0,6 - 20 kHz	
Recommended crossover	0,8 kHz or higher	
	(12 dB/oct min.)	
Voice coil diameter	76,2 mm	3 in
Flux density		2 T
BI factor		10 N/A

Notes:

[1] The power capaticty is determined according to AES2-1984 (r2003) standard.

[2] Program power is defined as the transducer’s ability to handle normal music program material.

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

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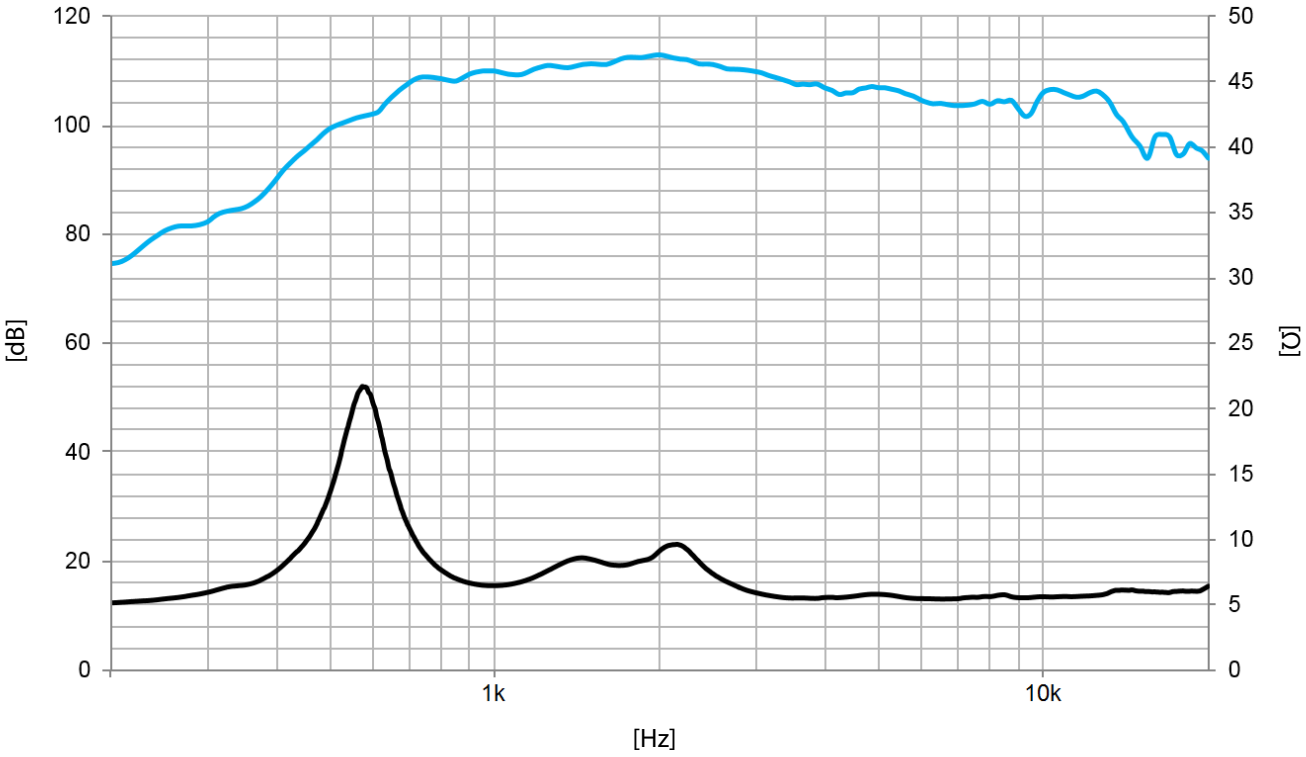
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Note: On axis frequency response measured coupled to TD-385 horn in anechoic chamber, 1W / 1m

MOUNTING INFORMATION

Overall diameter	109 mm	4,3 in
Depth	50,6 mm	2 in
Mounting	Four M6 threaded holes, 90º apart on 101,6 mm (4 in) diameter circle	
Net weight	1,8 kg	4 lb
Shipping weight	2 kg	4,4 lb

DIMENSION DRAWING

