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CD-2514Nd/PT

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
- 2,5” (63,5 mm) Copper Clad Aluminum voice coil with Nomex former
- 200 W program power above 1,2 kHz
- Sensitivity: 109 dB (1W / 1m)
- Exclusive Advanced Polyester 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		6,5 Ω
D.C. resistance		4,4 Ω
Power capacity [1]	80 W_{AES} above 0,8 kHz	
	100 W_{AES} above 1,2 kHz	
Program power [2]	160 W above 0,8 kHz	
	200 W above 1,2 kHz	
Sensitivity [3]	109 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	63,5 mm	2,5 in
Flux density		2 T
BI factor		8,5 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.

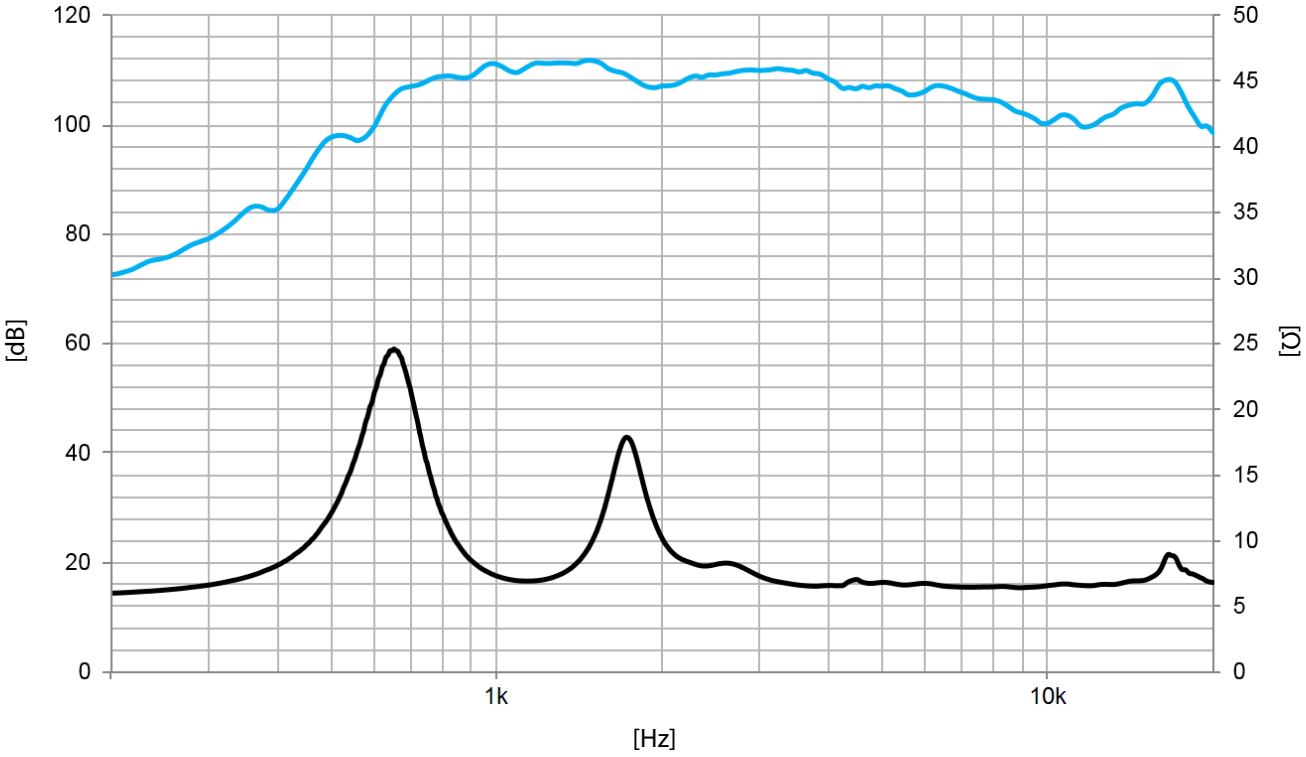
[3] Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 1 - 7 kHz

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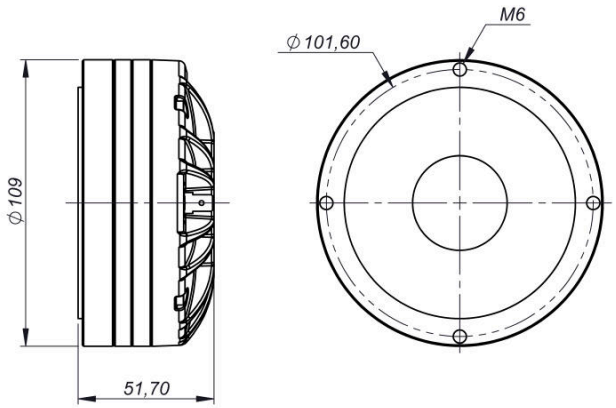


Note: On axis frequency response measured coupled to TD-385 horn in anechoic chamber, 1W / 1m

MOUNTING INFORMATION

Overall diameter	109 mm	4,3 in
Depth	54,7 mm	2,03 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



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