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PROFESSIONAL LOUDSPEAKERS
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CD-151Fe/PK

COMPRESSION DRIVER

Preliminary Data Sheet

KEY FEATURES

- Next generation high performance 1” (25,4 mm) exit compression driver
- Deplocex® Patent Pending Technology for improved thermal disipation, low power compression losses and high power handling
- 1,5” (38,1 mm) Copper Clad Aluminum voice coil with Kapton former
- 140 W program power above 1,8 kHz
- Sensitivity: 110 dB (1W / 1m)
- VPEQ® Patent Pending Technology for linear frequency response
- Exclusive High Temperature Polymer annular ring 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
- F.E.M. optimized ceramic magnetic circuit





TECHNICAL SPECIFICATIONS

Throat diameter	25,4 mm	1 in
Rated impedance		8 Ω
Minimum impedance		5,3 Ω
D.C. resistance		4,5 Ω
Power capacity [1]	70 W_{AES} above 1,8 kHz	
Program power [2]	140 W above 1,8 kHz	
Sensitivity [3]	110 dB 1W / 1m @ Z_N coupled to TD-164	

Frequency range	0,9 - 20 kHz	
Recommended crossover	1,8 kHz or higher (12 dB/oct min.)	
Voice coil diameter	38,1 mm	1,5 in
Flux density		1,6 T
Bl factor		6 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.

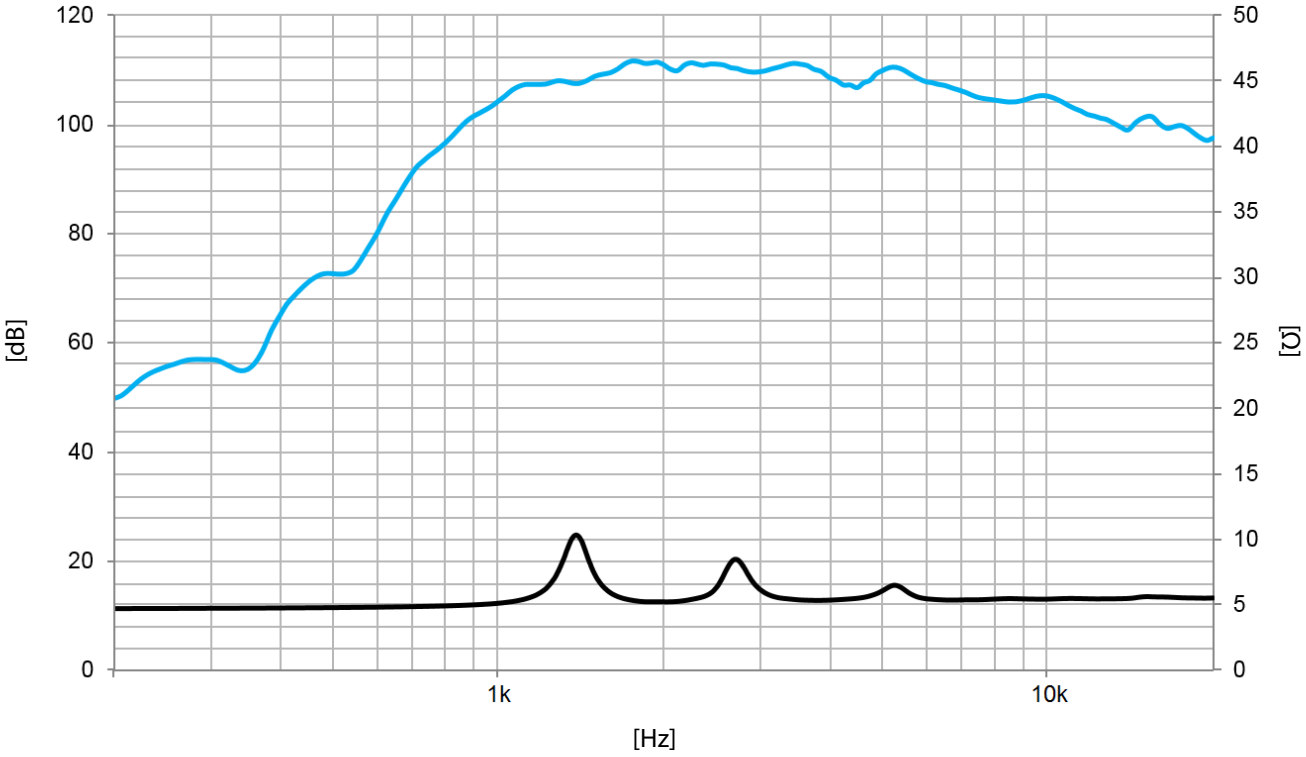
[3] Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 2 - 7 kHz

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Note: On axis frequency response measured coupled to TD-164 horn in anechoic chamber, 1W / 1m

MOUNTING INFORMATION

Overall diameter	102 mm	4,01 in
Depth	44,4 mm	1,75 in
Mounting	Three M5 threaded holes, 120º apart on 57 mm (2,24 in) diameter circle Two M5 threaded holes, 180º apart on 76,2 mm (3 in) diameter circle	
Net weight	1,3 kg	2,8 lb
Shipping weight	1,4 kg	3 lb

DIMENSION DRAWING

