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PROFESSIONAL LOUDSPEAKERS

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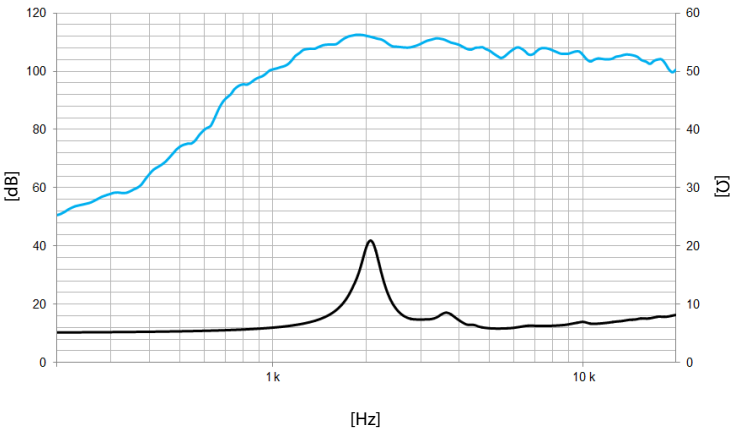
CD1Nd

COMPRESSION DRIVER

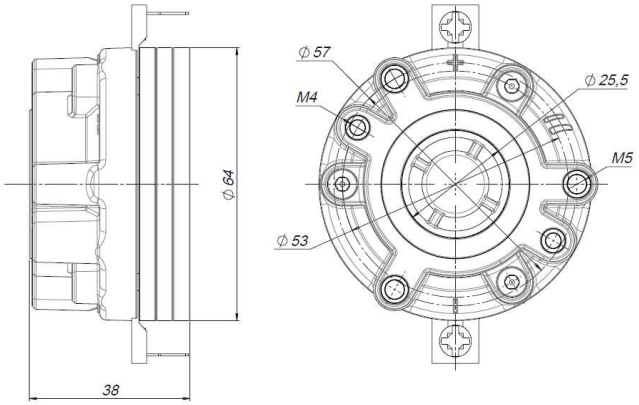
Preliminary Data Sheet

KEY FEATURES

- 1” (25,4 mm) exit high frequency compression driver
- 1” (25,4) voice coil diameter
- 40 W program power above 2 kHz
- Sensitivity: 110 dB (1W / 1m)
- Polyamide diaphragm
- Ultra lightweight edgewound aluminium voice coil
- Ultra low weight neodymium motor structure
- Specially designed for compact size and high performance systems



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



TECHNICAL SPECIFICATIONS

Throat diameter	25,4 mm	1 in
Rated impedance		8 Ω
Minimum impedance		5,8 Ω
D.C. Resistance		5,1 Ω
Power capacity [1]	20 W_{AES} above 2 kHz	
Program power [2]	40 W above 2 kHz	
Sensitivity [3]	110 dB 1W / 1m @ Z_N coupled to TD-164	
Frequency range	1 - 20 kHz	
Recommended crossover	2 kHz or higher (12 dB/oct min)	
Voice coil diameter	25,4 mm	1 in
Flux density		1,85 T

MOUNTING INFORMATION

Overall diameter	64 mm	2,52 in
Depth	38 mm	1,49 in
Mounting	Three M5 threaded holes, 120º apart on 57 mm (2,24 in) diameter circle Two M4 threaded holes, 180º apart on 53 mm (2,08 in) diameter circle	
Net weight	0,4 kg	0,9 lb
Shipping weight	0,5 kg	1,1 lb

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