

# CD1Fe

COMPRESSION DRIVER
Preliminary Data Sheet

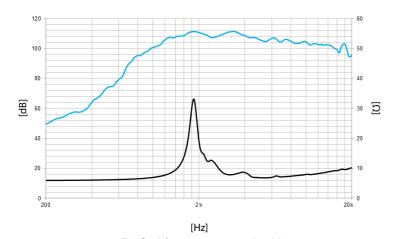
## **KEY FEATURES**

- 1" (25,4 mm) exit high frequency compression driver
- 1" (25,4) voice coil diameter
- 60 W program power above 2 kHz
- Sensitivity: 109 dB (1W / 1m)
- PEI polymer diaphragm

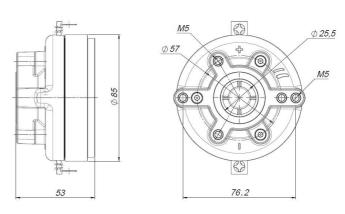
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- Ultra lightweight edgewound aluminium voice coil
- · Low weight ferrite motor structure
- Specially designed for compact size and high performance systems





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



### **TECHNICAL SPECIFICATIONS**

i nroat diameter	25,4 mm 1 i	n	
Rated impedance	8 9	Ω	
Minimum impedance	6,8 9	Ω	
D.C. Resistance	5,9 9	Ω	
Power capacity*	30 W <sub>AES</sub> above 2 kH	Z	
Program power	60 W above 2 kHz		
Sensitivity**	109 dB 1W / 1m @ Z	N	
	coupled to TD-16	4	
Frequency range	1 - 20 kH	Z	
Recommended crossover	2 kHz or higher		
	(12 dB/oct min)		
Voice coil diameter	25,4 mm 1 i	n	
Flux density	1,75	Т	

### **MOUNTING INFORMATION**

Overall diameter	85 mm	3,34 in
Depth	53 mm	2,09 in
Mounting	Three M5 threaded holes,	120° apart
	on 57 mm (2,24 in) diam	neter circle
	Two M5 threaded holes,	180° apart
	on 76,2 mm (3 in) diam	neter circle
Net weight	0,8 kg	1,8 lb
Shipping weight	0,9 kg	2,0 lb

#### Notes

<sup>\*</sup> 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.

 $<sup>^{\</sup>star\star}$  Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 2 - 7 kHz