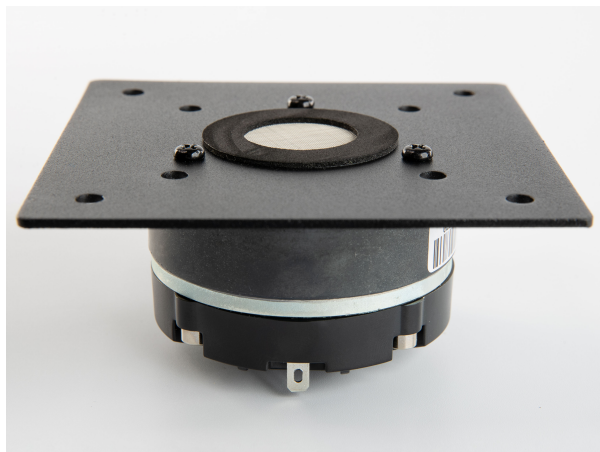


1.4" 141FCD

Compression Driver



Key features:

- COMPACT DESIGN
- DELIVERED WITH MOUNTING STEEL PLATE
- LOW RESONANT FREQUENCY

Design notes:

The 141FCD compression driver is a high performance high frequency device ideal for professional loudspeaker systems. It's core is designed based on our very 140FCD model. In fact the dome assembly is shared between these two models. The driver's ferrite based magnetic circuit was modified to fit applications with a limited space and lower

budget. Furthermore, we have added steel face-plate for easier assembly on production lines for high-volume productions.

Diaphragm Assembly

The driver features a 36mm Polyimide diaphragm formed as single piece with Polyimide suspension. The suspension has designed and FEM optimized venting features

to lower the harmonic distortion.

The dome is carefully attached to a high temperature Nomex voice coil former that withstands the long term power characteristics typically seen in professional applications. The acoustic output exits through a radial phase plug and a 1.0 inch throat aperture. Nominal sensitivity is 105 dB 1watt / 1 meter.

Specifications:

General specs	
Nominal Diameter:	1.4 "
Rated Impedance:	4 ohm
Power handling	
AES Power:	30 watts
Program Power:	60 watts
Peak Power:	120 watts
Voice Coil	
Diameter:	35.6 mm
Winding wire:	CCAR
Former:	kapton
Winding height:	2.3 mm

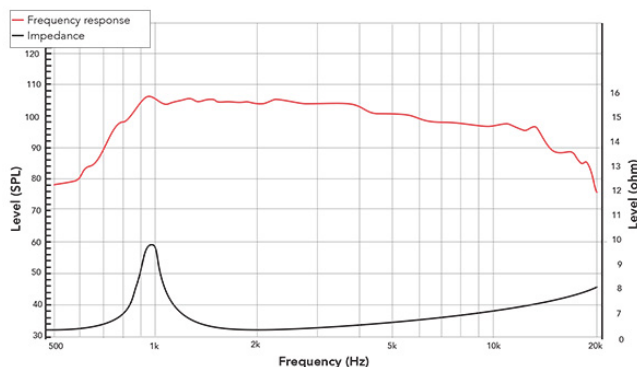
T/S Parameters	
Resonant frequency:	950 Hz
Re:	2.5 ohm
Sensitivity:	105 dB

Design details	
Dome Material:	PEN
Surround material:	N/A
Magnet material:	Ferrite
Overall diameter:	110 mm
Bolt circle diameter:	84.85 mm
Mounting holes:	4
Depth:	50.45 mm
Net weight:	0.808 kg

Ordering codes:	
CD-1-008-4R-B2-C0001	
Legacy code: 372A	
Recone kits:	
RC372A	

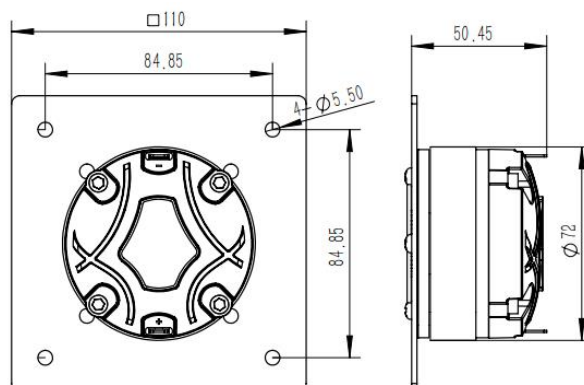
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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