1.4" 142FCD

Compression Driver

REDCATT

Key features:

- **VERY HIGH SPL, LOW FS**
- **HIGH POWER HANDLING**
- **SMOOTH FREQUENCY RESPONSE IN WORKING RANGE**

Design notes:

Introducing our latest innovation – the 142FCD compression driver! Developed using advanced FEM techniques, this driver outperforms many of our competitor products. With a resonant frequency of 1kHz, it allows for a lower frequency crossover point, while delivering very high SPL and a natural rolloff in high frequencies, making it a breeze to implement in your high-quality sound systems.

But that's not all – our state-of-the-art robotic dome forming is at play here too. The result? Highly precise and consistent polymer domes that further elevate the exceptional performance of this driver.

Moreover, the robust ferrite magnetic circuit delivers a high B field to the edge-wound voice coil, which is carefully attached to the dome by the best available adhesives. This not only ensures precise and consistent performance but also enhances the high power handling capabilities of the 142FCD compression driver. Experience the next level of audio quality with the 142FCD compression driver - where innovation meets superior craftsmanship.

Specifications:

General specs	
Nominal Diameter:	**1.4 "**
Rated Impedance:	**8 ohm**
Power handling	
AES Power:	**35 watts**
Program Power:	**70 watts**
Peak Power:	**140 watts**
Voice Coil	
Diameter:	**35.6 mm**
Winding wire:	**CCAR**
Former:	**kapton**
Winding height:	**2.5 mm**

T/S Parameters	
Resonant frequency:	**1000 Hz**
Re:	**6 ohm**
Sensitivity:	**105 dB**

Design details	
Dome Material:	**PEN**
Surround material:	**N/A**
Magnet material:	**Ferrite**
Overall diameter:	**95 mm**
Bolt circle diameter:	**76 mm**
Mounting holes:	**4**
Depth:	**54.2 mm**
Net weight:	**1.25 kg**

Ordering codes:

CD-1.4-006-8R-B2-C0001

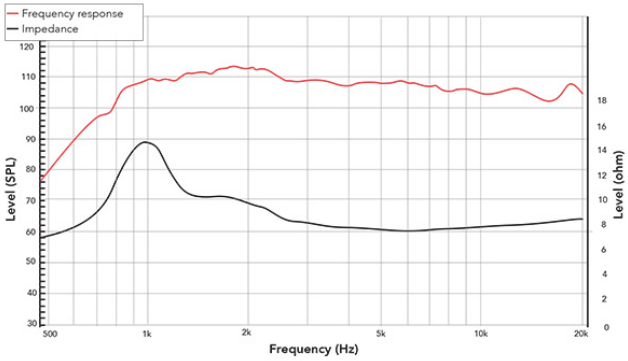
Legacy code: **142FCDX8-557A**

Recone kits:

RC142FCDX8-557A

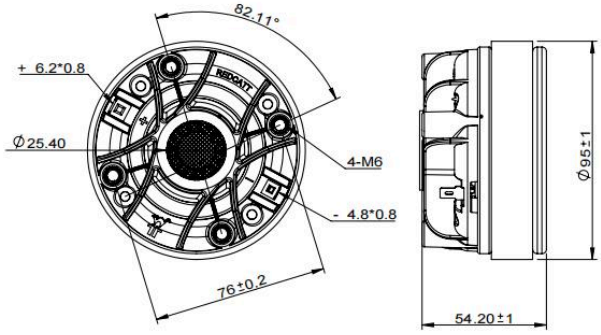
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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