



**Key features:**

- LOW RESONANT FREQUENCY
- MOUNTING PLASTIC ADAPTER WITH THREAD
- FOR APPLICATIONS WITH LIMITED SPACE

**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 mounting adapter with 1 3/8" 18TPI thread to easy and fast mounting

onto the horn throats that incorporate this thread.

**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.

REDCATT uses state of the art adhesives in all assembly steps. Our voice coil to dome bonding is unique process, developed to greatly improve the power handling capabilities. REDCATT unique and precise adhesives dispensing, combined with our in-house developed dome treatments are further improving the long term reliability of this product.

**Specifications:**

General specs	
Nominal Diameter:	1.4 in.
Rated Impedance:	4 Ohm
Power handling	
AES Power:	30 Watts
Program Power:	60 Watts
Peak Power:	120 Watts
Voice Coil	
Diameter:	36 mm
Winding wire:	Al
Former:	Kapton

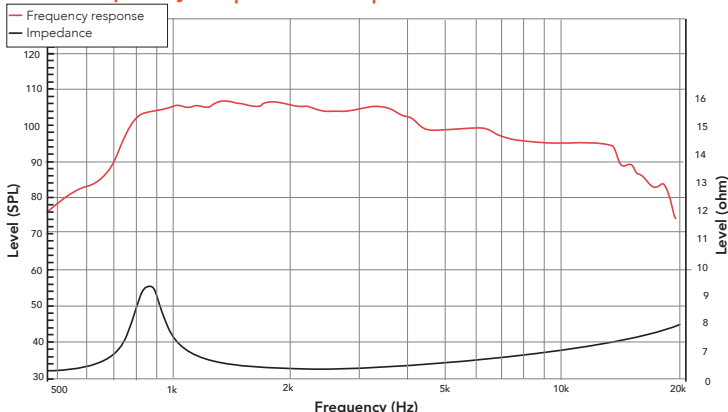
T/S Parameters	
Resonant frequency:	900 Hz
Nominal sensitivity	105 dB
Re:	2.5
Le:	
Flux density:	

Design details	
Dome Material:	Polyimide
Surround material:	Polyimide
Magnet material:	Ferrite
Overall diameter:	72 mm
Bolt circle diameter:	Thread 1-3/8"
Throat diameter:	1 inch
Number of mounting holes:	N/A
Depth (front to rear):	65.7 mm
Net weight:	850 grams

Ordering codes:	
4 ohm version:	141FCDX4-337
8 ohm version:	N/A
16 ohm version:	N/A

Recone kits:	
4 ohm version:	RC141FCDX4-337
8 ohm version:	N/A
16 ohm version:	N/A

**Frequency response & Impedance**



Frequency response measured on IAC baffle

**2D drawing**

