



**Key features:**

- DRIVER DELIVERING HIGH SPL AT AFFORDABLE COST
- ROBUST, HIGH BL MAGNETIC CIRCUIT

**Design notes:**

The 180FCD compression driver is a very high-performance, high-frequency device ideal for professional loudspeaker systems, such as larger 2-way systems.

**Diaphragm Assembly**  
The driver sports a 44mm polyimide diaphragm formed as a single piece with the suspension. The voice coil is attached to the dome with our state of the art adhesives and precise bonding equipment.

The acoustic output exits through a circumferential phase plug and a 1.0-inch throat aperture. Nominal sensitivity is 109.5 dB 1 watt / 1 meter.

REDCATT uses state of the art adhesives in all assembly steps. Our voice coil to dome bonding is a 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:	2"
Rated Impedance:	8 ohm
Power handling	
AES Power:	55 watts
Program Power:	110 watts
Peak Power:	220 watts
Voice Coil	
Diameter:	1.8 in.
Winding wire:	CCAR
Former:	kapton

T/S Parameters	
Resonant frequency:	1100 Hz
Nominal sensitivity	110 dB
Re:	6 ohm
Le:	n/a mH

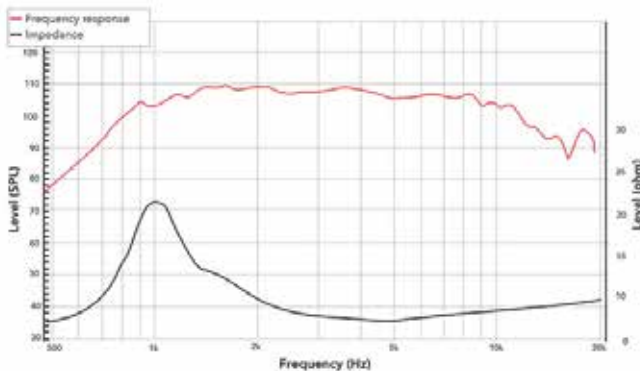
Design details	
Dome Material:	Polymer
Surround material:	Polymer
Magnet material:	Ferrite
Overall diameter:	120 mm
Bolt circle diameter:	76&57 mm
Throat diameter:	28.5mm mm
Number of mounting holes:	2+3
Depth (front to rear):	69 mm
Net weight:	2.2kg

Ordering codes:	
	180FCDX-330

Recone kits:	
	RC180FCDX-330

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

**Frequency response & Impedance**



Frequency response measured on IAC baffle

**2D drawing**

