



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 loud-speaker 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 1watt / 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: 5.8 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:

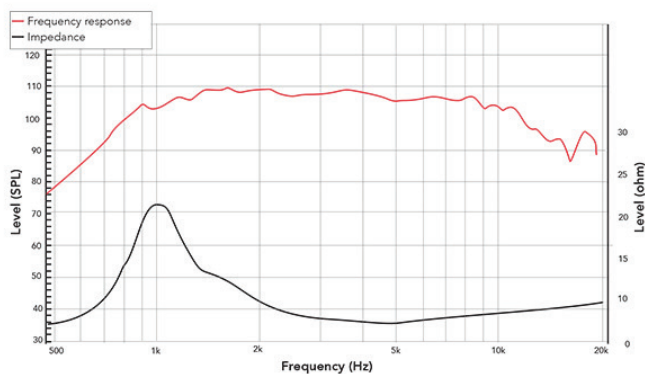
180FCDX-330

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

