3" | 202FCD

Ferrite Compression Driver

Key features:

- DESIGNED FOR APPLICATIONS WITH LOW BUDGET
- POLYIMIDE SURROUND WITH PURE TITANIUM DOME
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Design notes:

The 202FCD compression driver is a high-performance, high-frequency device ideal for professional loudspeaker systems. The driver,Äôs ferrite based magnetic circuit provides a robust, high force BL field providing precision control of the pure titanium diaphragm assembly. Featuring 1.4inch exit throat. The suspension is made of polyimide material, providing optimum control over the diaphragm movement. The design has been optimized to have a great level of performance at very affordable price levels. The drivers are suitable for 2-way and multi-way speaker systems.

Dome Assembly Design
REDCATT has designed the pure titanium dome to be bonded to the polyimide surround. This solution greatly improves the control of the dome pistonic motion, having a positive effect on the transient response.¬†

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:	3"
Rated Impedance:	8 ohm
Power handling	
AES Power:	100 watts
Program Power:	200 watts
Peak Power:	400 watts
Voice Coil	
Diameter:	3 in.
Winding wire:	CCAR
Former:	kapton

T/S Parameters	
Resonant frequency:	500 Hz
Nominal sensitivity	108 dB
Re:	6 ohm
Le:	n/a mH

Design details	
Dome Material:	Titanium
Surround material:	Polymer
Magnet material:	Ferrite
Overall diameter:	170 mm
Bolt circle diameter:	102 mm
Throat diameter:	36mm mm
Number of mounting holes:	4
Depth (front to rear):	70.8 mm
Net weight:	5kg

Ordering codes:

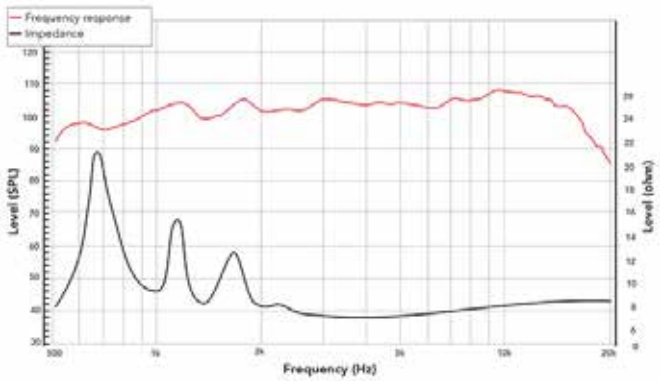
202FCDX-273

Recone kits:

RC202FCDX-273

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