# 3" | 200FCD

## Ferrite Compression Driver

REDCAT

## Key features:

- VERY LOW RESONANT FREQUENCY
- COPPER CAP DEMODULATION RING, POWERFUL MOTOR STRUCTURE
- DESIGNED FOR LARGE SPEAKER SYSTEMS WHERE HIGH SPL IS REQUIRED

## Design notes:

The 200FCD compression driver is a very high performance high frequency device ideal for large professional loudspeaker systems. The driver uses all components that were designed and manufacture with one objective in mind - be the best. The driver,Äôs phase plug is CNC machined from solid aluminum with unbeaten level of precision. The dome is carefully attached to the voice coil with our sandwich joint, improving the transfer of the high frequencies and further improving power handling and reliability of the driver.

Diaphragm Assembly

The driver features a 75mm pure titanium diaphragm. Suspension is formed from Polyimide material.

The acoustic output exits through an aluminum, radial 3 slot phase plug and a 2.0 inch throat aperture. Nominal sensitivity is 108.5 dB 1watt / 1 meter.

## Specifications:

| General specs | |
|---|---|
| Nominal Diameter: | 3" |
| Rated Impedance: | 8 ohm |

| Power handling | |
|---|---|
| AES Power: | 110 watts |
| Program Power: | 220 watts |
| Peak Power: | 440 watts |

| Voice Coil | |
|---|---|
| Diameter: | 3 in. |
| Winding wire: | CCAR |
| Former: | kapton |

| T/S Parameters | |
|---|---|
| Resonant frequency: | 500 Hz |
| Nominal sensitivity | 109 dB |
| Re: | 5.5 ohm |
| Le: | n/a mH |

| Design details | |
|---|---|
| Dome Material: | Titanium |
| Surround material: | Polymer |
| Magnet material: | Ferrite |
| Overall diameter: | 180 mm |
| Bolt circle diameter: | 102 mm |
| Throat diameter: | 48mm mm |
| Number of mounting holes: | 4 |
| Depth (front to rear): | 91.5 mm |
| Net weight: | 5kg |

**Ordering codes:**

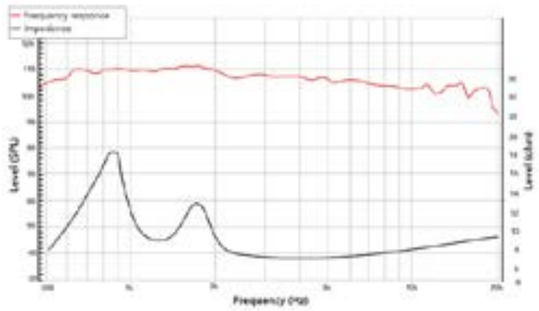
200FCDX-049

Recone kits:

RC200FCDX-049

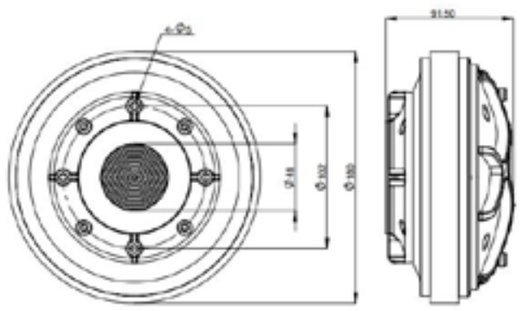
In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

### Frequency response & Impedance



Frequency response measured on IAC baffle

### 2D drawing



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