

Ordering code: 200FCD-049 High Frequency Compression Driver

Cont. Power	Sens.	Fs	Freq. Range	VC Dia.	VC Wire	Cone/Surround/Dome	Magnet type
220 watts	108.5 dB	380 Hz	500 Hz - 18 kHz	75mm	EW CCAW	Polyimide / Titanium	Ferrite

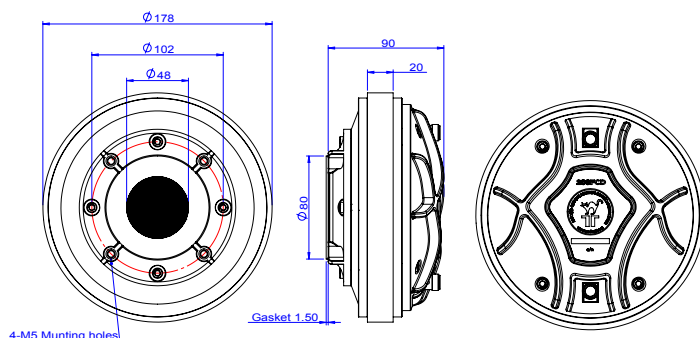


General Specifications

Exit Throat Diameter:	50 mm (2.0 in.)
Rated Impedance:	8 Ohm
Power Handling:	
AES Power:	110 Watts
Program Power:	220 Watts
Sensitivity:	108.5 dB
Frequency Range:	500 Hz - 18,000 Hz
Minimum Recommended Xover Freq.:	>900 Hz
Minimum Impedance:	8.1 Ohms at 25C
Voice Coil Diameter:	75mm (3 in.)
Voice Coil Winding Wire Material:	Edge Wound CCAW
Diaphragm:	Pure Titanium
Flux Density:	1.9 T
Magnetic Material:	Ferrite
Fs	380 Hz

Mounting Information

No. Of mounting holes	4
4x M5 Holes	102mm (4 in.) Dia.
Total depth	90mm (3.55 in.)
Total outside dimension	180mm (7.1 in.) Dia.
Net weight	6.3 kg (13.9 lbs.)



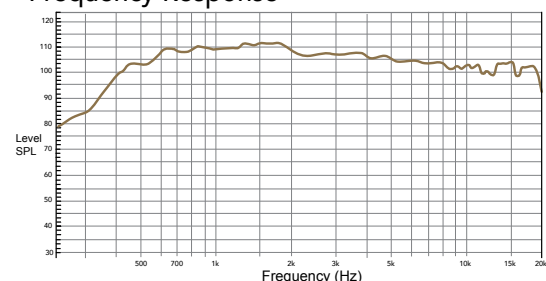
The 200FCD compression driver is a very high performance high frequency device ideal for large professional loudspeaker systems. The driver uses all components that were designed and manufacture with one objective in mind - be the best. The driver's phase plug is CNC machined from solid aluminum with 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.

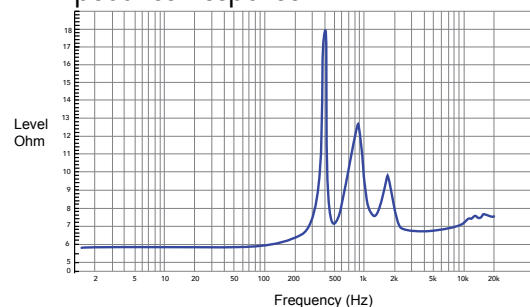
REDCATT uses state of the art adhesives in all assembly steps. Our voice coil to dome bonding is unique process, developed to greatly improve the power handling capabilities. REDCATT unique and precise adhesives dispensing, combined with our in-house developed dome treatments are further improving the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

Frequency Response



Frequency response measurement with transducer mounted on constant directivity horn

Impedance Response



Impedance measured in free air without a horn