

15" 152FIND-2

Woofer



Key features:

- EXTENDED LOW FREQUENCY RESPONSE
- LIGHTWEIGHT CARBON FIBER LOADED PAPER CONE
- HIGH SPL

Design notes:

The 152FIND is a high efficiency, (99 dB 1watt / 1 meter) 15-inch woofer with incredibly linear frequency response characteristics, high power handling capability while generating low harmonic distortion artifacts. The 152FIND uses a lightweight carbon fiber loaded cone assembly along with a high excursion triple roll constant geometry surround. This

combination provides remarkable strength, high efficiency and a peak to peak maximum excursion of 15mm.

Power Handling

At the core of the 152FIND is it's voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures in excess of 280C, well beyond

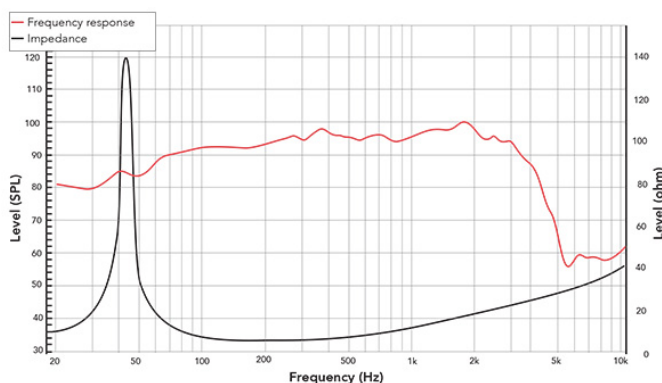
the thermal requirements of modern professional audio systems.

The 152FIND cone and dust cap are made using an advanced carbon fiber loaded REDCATT pulp. The woofer cone is also extensively treated to withstand harsh environments and high humidity. Metal parts in the speaker assembly are coated for extreme weatherization protection.

Specifications:

General specs	T/S Parameters	Design details	Ordering code:
Nominal Diameter: 15 "	Resonant frequency: 44 Hz	Surround Material: fabric	DR-15-008-8R-B2-C0001
Rated Impedance: 8 ohm	Re: 4.8 ohm	Cone material: Paper CF	
Power handling	Qes: 0.38	Spider: Nomex	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.
AES Power: 800 watts	Qms: 13	Plate thickness: 10 mm	
Program Power: 1600 watts	Qts: 0.37	Overall diameter: 392 mm	
Peak Power: 3200 watts	Vas: 128.5 liters	Bolt circle diameter: 373 mm	
Voice Coil	Sd: 829.6 cm²	Baffle cutout dia.: 360 mm	
Diameter: 76 mm	Sensitivity: 99.03 dB	Mounting holes: 8	
Winding wire: CCAW	Mms: 95.6 grams	Depth: 137 mm	
Former: Glass Fiber	Bl: 18.3	Net weight: 8.5 kg	
Winding height: 18.9 mm	Le: 0.98 mH		

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing

