



Key features:

• **4FR MID-WOOFER WAS DESIGNED WITH OUTDOOR APPLICATIONS IN MIND. ALL SPEAKER PARTS ARE COATED TO PROVIDE GOOD PROTECTION AGAINST WEATHER ELEMENTS. THE SURROUND, CONE AND DUST CAP ARE PRODUCED WITH UV STABILIZERS. OUR STATE OF THE ART GLUE APPLICATION AND GLUE SELECTION ENSURES THE GLUE JOINTS ARE WATERPROOF. MAGNET CIRCUIT IS DESIGNED AROUND SIZABLE FERRITE MAGNET. CONSISTENT AND WIDE BL FIELD ADD TO THE WELL BALANCED PERFORMANCE OF THIS DRIVER. POLYPROPYLENE CONE AND DUSTCAP ARE LIGHTWEIGHT SOLUTION AND DELIVER THE HIGHEST LEVELS OF PERFORMANCE. LARGE SURROUND ROLL EXTENDS THE PEAK TO PEAK CONE DISPLACEMENT AND GREATLY IMPROVES THE LF PERFORMANCE. THE BEST APPLICATION IS IN 2-WAY OR MULTI-WAY SPEAKER SYSTEMS THAT CAN BE DESIGNED FOR INDOOR OR OUTDOOR USAGE IN HI-FI OR PROFESSIONAL PRODUCTS.**

• **EXTENDED LF FREQUENCY RESPONSE**

• **2-WAY SPEAKER SYSTEMS**

Design notes:

4FR Mid-woofer was designed with outdoor applications in mind. All speaker parts are coated to provide good protection against weather elements. The surround, cone and dust cap are produced with UV stabilizers. Our state of the art glue application and glue selection ensures the glue joints are waterproof.

Magnet circuit is designed around sizable ferrite magnet. Consistent and wide BL field add to the well balanced performance of this driver.

Polypropylene cone and dustcap are lightweight solution and deliver the highest levels of performance. Large surround roll

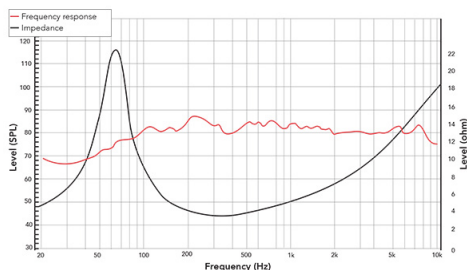
extends the peak to peak cone displacement and greatly improves the LF performance.

The best application is in 2-way or multi-way speaker systems that can be designed for indoor or outdoor usage in Hi-Fi or professional products.

Specifications:

General specs	T/S Parameters	Design details	Ordering codes:
Nominal Diameter: 4"	Resonant frequency: 80 Hz	Surround Material: NBR	DR-4-014-4R-B2-C0001
Rated Impedance: 4 ohm	Re: 3.3 ohm	Cone material: PP	Legacy code: 4FRX4-385
Power handling	Qes: 0.58	Spider: Nomex	Recone kits:
AES Power: 30 watts	Qms: 4.24	Plate thickness: 5 mm	RC4FRX4-385
Program Power: 60 watts	Qts: 0.51	Overall diameter: 116 mm	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.
Peak Power: 120 watts	Vas: 1.96 liters	Bolt circle diameter: 109 mm	
Voice Coil	Sd: 50.3 cm²	Baffle cutout dia.: 94.5 mm	
Diameter: 25.4 mm	Sensitivity: 85.13 dB	Mounting holes: 4	
Winding wire: Copper	Mms: 7.3 grams	Depth: 55.9 mm	
Former: Aluminum	Bl: 4.58	Net weight: 0.78 kg	
Winding height: 4.3 mm	Le: 0.29 mH		

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing

