

4"**4FR**

Ferrite Full-Range



Key features:

- OPTIMIZED FULL-RANGE PERFORMANCE
- GOOD LOW FREQUENCY BEHAVIOR
- AFFORDABLE DESIGN

Design notes:

4FR ferrite based mid-woofer was developed for applications where small size mid-woofer is required. Low resonant frequency and large cone excursion delivers sizeable amounts of low frequencies. Yet, this driver delivers very good performance in mid-high frequency range.

Our engineers have chosen light-weight, yet strong, paper cone with rubber surround. Cone optimized shape brings remarkable strength of the piston and greatly

improves harmonic distortion artifacts.

Overall this model delivers very good performance and is well balanced between performance - cost.

Specifications:

General specs

Nominal Diameter: 4"
Rated Impedance: 4 ohm

Power handling

AES Power: 30 watts
Program Power: 60 watts
Peak Power: 120 watts

Voice Coil

Diameter: 1 in.
Winding wire: Copper
Former: Aluminum
Winding height: 10.6 mm

T/S Parameters

Resonant frequency: 79 Hz
Re: 3.7 ohm
Qes: 0.61
Qms: 3.47
Qts: 0.52
Vas: 1.8 liters
Sd: 50.3 cm²
Sensitivity: 84.14 dB
Mms: 7.9 grams
Bl: 4.8
Le: 0.09 mH

Design details

Surround Material: Rubber
Cone material: Paper
Spider: Nomex
Plate thickness: 5 mm
Peak to peak linear cone displacement: 3.3 mm
Overall diameter: 105.5 mm
Bolt circle diameter: 106 mm
Baffle cutout dia.: 93.6 mm
Number of mounting holes: 4
Depth (flange to rear): 56 mm
Net weight: 0.77kg

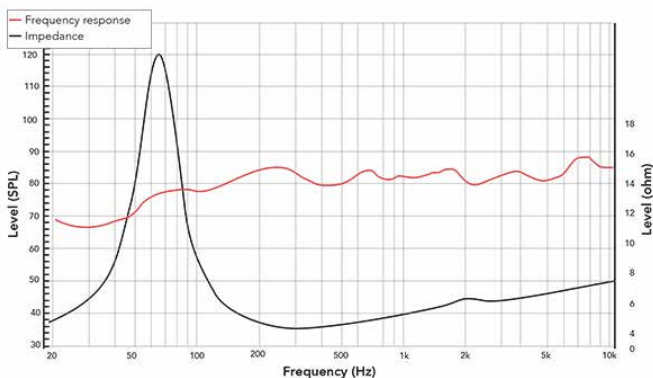
Ordering codes:

4FRX4-322

Recone kits:

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

