

8"**81FIND****Mid-woofer****Key features:**

- EXTENDED FREQUENCY RESPONSE
- IDEAL FOR SMALL AND PORTABLE 2-WAY SYSTEMS
- AFFORDABLE, YET VERY CAPABLE DESIGN FOR COST SENSITIVE PRODUCT

Design notes:

The 81FIND is a high efficiency, (95 dB 1watt / 1 meter) 8-inch woofer with linear frequency response characteristics, good power handling capability while generating low harmonic distortion artifacts. The 81FIND uses a lightweight glass-fiber loaded cone assembly along with a high excursion M-roll surround. This combination provides a lightweight, yet strong, piston.

Ferrite based magnetic circuit, capable of delivering the good level of performance, providing a consistent, high integrity magnetic flux gap, low distortion characteristic and high-efficiency cooling system. The metal parts are extensively coated to provide the maximum weather protection.

engineers for smaller sized, or portable audio products. It has proven its capability over and over again all around the world, many times in challenging applications or environments. 81FIND is proven design that delivers good balance between performance and cost.

Magnetic Circuit

This driver has been chosen by many audio

Specifications:**General specs**

Nominal Diameter: 8"

Rated Impedance: 8 ohm

Power handling

AES Power: 200 watts

Program Power: 400 watts

Peak Power: 800 watts

Voice Coil

Diameter: 2 in.

Winding wire: CCAW

Former: Glass Fiber

Winding height: 12.5 mm

T/S Parameters

Resonant frequency: 80 Hz

Re: 4.7 ohm

Qes: 0.53

Qms: 8.35

Qts: 0.5

Vas: 11.3 liters

Sd: 213.8 cm²

Sensitivity: 95 dB

Mms: 22.6 grams

Bl: 10.2

Le: 0.44 mH

Design details

Surround Material: Fabric

Cone material: Paper

Spider: Nomex

Plate thickness: 8 mm

Peak to peak linear cone displacement: 13.2 mm

Overall diameter: 209 mm

Bolt circle diameter: 197 mm

Baffle cutout dia.: 180 mm

Number of mounting holes: 8

Depth (flange to rear): 91.5 mm

Net weight: 2.8kg

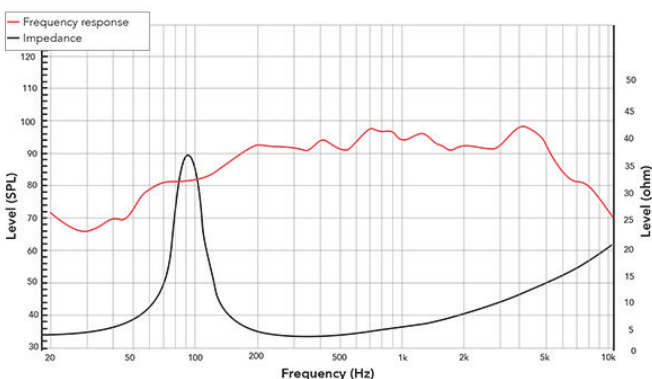
Ordering codes:

81FIND-X8 ohm-290

Recone kits:

RC81FINDX-290

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