5" | 5FHW

Woofer

REDCATT

Key features:

- SMALL SUB-WOOFERS, HI-FI APPLICATIONS
- DESIGNED FOR INDOOR OR OUTDOOR APPLICATIONS
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Design notes:

The 5FHW was designed for woofer applications in either home hi-fi or outdoor speaker systems.

Our engineers have designed polypropylene cone and dustcap for this driver, combined with ferrite magnetic circuit.

Overall, this model provides great level of balance between the performance and cost.

The cone, dust cap and surround material are produced with UV stabilizers. Furthermore, the state of the art REDCATT adhesives dispensing and selection ensures the driver is waterproof and thus can be used in outdoor applications.

Specifications:

General specs	
Nominal Diameter:	5"
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:	12.4 mm

T/S Parameters	
Resonant frequency:	50 Hz
Re:	3.2 ohm
Qes:	0.38
Qms:	4.94
Qts:	0.35
Vas:	6.55 liters
Sd:	86.6 cm2
Sensitivity:	86 dB
Mms:	15.8 grams
Bl:	6.55
Le:	0.66 mH

Design details	
Surround Material:	Rubber
Cone material:	PP
Spider:	Nomex
Plate thickness:	6 mm
Peak to peak linear cone displacement	11.2 mm
Overall diameter:	131 mm
Bolt circle diameter:	123 mm
Baffle cutout dia.:	112 mm
Number of mounting holes:	4
Depth (flange to rear):	60 mm
Net weight:	1.23kg

Ordering codes:

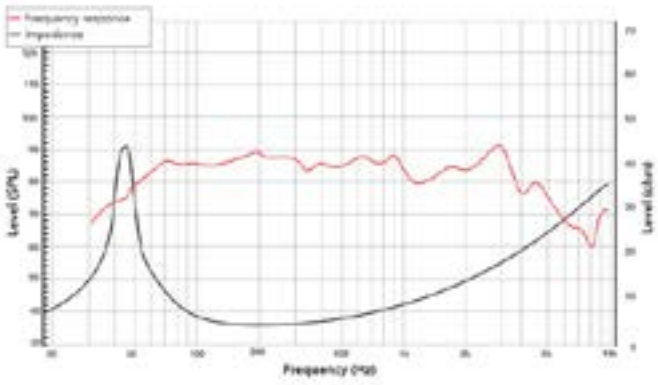
5FHW-X4 ohm-380

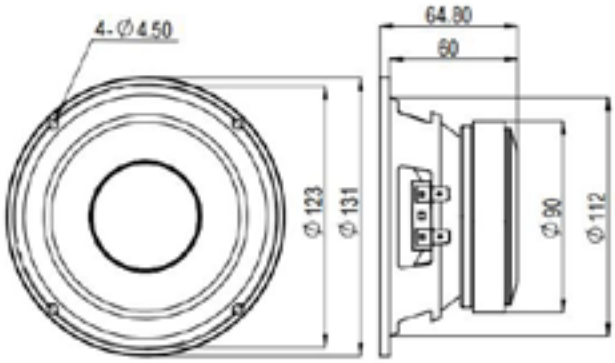
Recone kits:

RC5FHWX-380

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