3" | 32NFR

Full-range

Key features:

- FULL-RANGE COVERAGE
- VERY COMPACT DESIGN
- SUITABLE FOR ARRAY, COLUMNS, OR USAGE WITHOUT HF DRIVERS

Design notes:

32NFR delivers incredible . It comes together with other speaker models as the next generation of our full-range drivers. Well balanced frequency response from LF to HF, low harmonic distortion, and on top of that all packed in a light-weight and compact mechanical structure.

The driver was designed around neodymium ring magnet. Magnetic circuit delivers the highest level of performance, with minimum modulation distortion.

The cone and surround were newly designed and optimized specifically for this model. Progressive roll surround further improves the frequency response.

Our newly designed basket with typical REDCATT visual aspects sports front and rear gaskets, thus the driver can be easily mounted on both sides of baffle. Large basket openings minimize turbulences and air noise. Space bellow spider is also vented. This further improves the temperature stability of this model. The mounting surface has a flange all around, feature that greatly improves mechanical rigidity.

Specifications:

General specs	
Nominal Diameter:	3"
Rated Impedance:	8 ohm

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

Voice Coil	
Diameter:	0.75 in.
Winding wire:	CCAW
Former:	kapton
Winding height:	6.4 mm

T/S Parameters	
Resonant frequency:	118 Hz
Re:	5.5 ohm
Qes:	0.35
Qms:	3.85
Qts:	0.32
Vas:	1.14 liters
Sd:	33.18 cm2
Sensitivity:	91 dB
Mms:	2.4 grams
Bl:	5.35
Le:	0.2 mH

Design details	
Surround Material:	Rubber
Cone material:	Paper
Spider:	Nomex
Plate thickness:	4 mm
Peak to peak linear cone displacement	6.4 mm
Overall diameter:	82.5 mm
Bolt circle diameter:	84 mm
Baffle cutout dia.:	70.5 mm
Number of mounting holes:	4
Depth (flange to rear):	45 mm
Net weight:	0.24kg

Ordering codes:

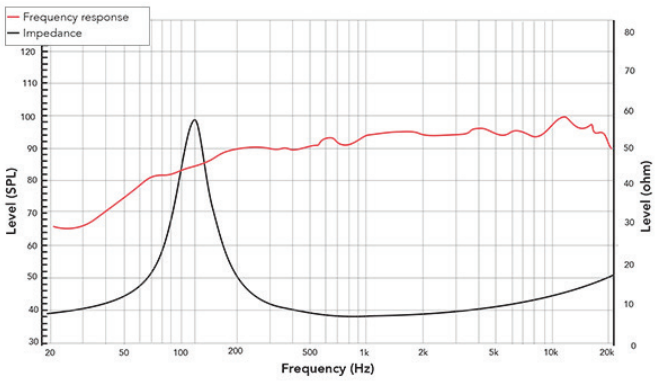
32NFR-X8 ohm-463A

Recone kits:

RC32NFRX-463A

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