

7"

61FHM

Mid-woofer



REDCATT®


Key features:

- EXTENDED FREQUENCY RESPONSE
- HARD ANODIZED ALUMINUM CONE, ALUMINUM BASKET
- DESIGNED FOR HI-FI AND OUTDOOR APPLICATIONS

Design notes:

61FHM mid-woofer was designed for outdoor applications, yet it will shine in hi-fi home and studio applications as well.

Optimized ferrite based magnetic circuit with good air-venting features ensures long lasting performance.

Our engineers have chosen hard-anodized cone with rubber surround for this model. Both of these components are produced with UV stabilizers. Furthermore, REDCATT state of the art adhe-

sives and dispensing techniques ensures waterproof seals in all weather exposed glue joints. Sealing to the exposure can be guaranteed by EVA gaskets or based upon a request by Form In Place Gaskets.

The audio system designers can rest assured we have extensively tested this product with UV exposure, salt exposure and waterproofing.

The extended mid-frequency response allows the systems to be used with

higher resonance frequency HF units. For the best performance in the audio systems, we recommend usage in sealed enclosures. In this model the aluminum cone further improves the mid-frequency response and lowers the harmonic distortion artifacts.

Specifications:

General specs

Nominal Diameter: 7"

Rated Impedance: 8 ohm

Power handling

AES Power: 60 watts

Program Power: 120 watts

Peak Power: 240 watts

Voice Coil

Diameter: 1.5 in.

Winding wire: CCAW

Former: Glass Fiber

Winding height: 17.6 mm

T/S Parameters

Resonant frequency: 37 Hz

Re: 5.8 ohm

Qes: 0.52

Qms: 11.01

Qts: 0.49

Vas: 28.2 liters

Sd: 132.7 cm²

Sensitivity: 88 dB

Mms: 16.4 grams

Bl: 6.6

Le: 0.4 mH

Design details

Surround Material: Rubber

Cone material: Aluminum

Spider: Nomex

Plate thickness: 5 mm

Peak to peak linear cone displacement: 17.4 mm

Overall diameter: 181.5 mm

Bolt circle diameter: 169.5 mm

Baffle cutout dia.: 151 mm

Number of mounting holes: 6

Depth (flange to rear): 78.6 mm

Net weight: 1.61kg

Ordering codes:

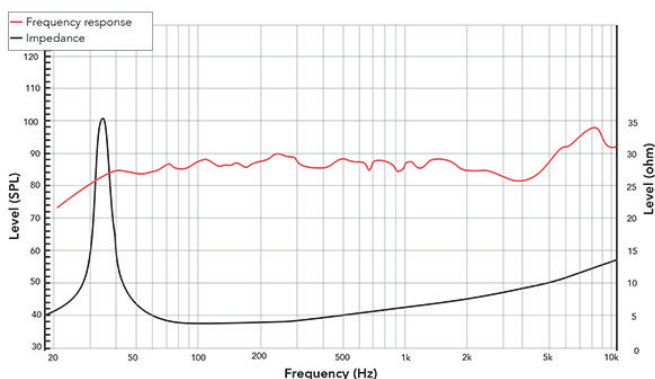
61FHM-X8 ohm-430A

Recone kits:

RC61FHM-X8-430A

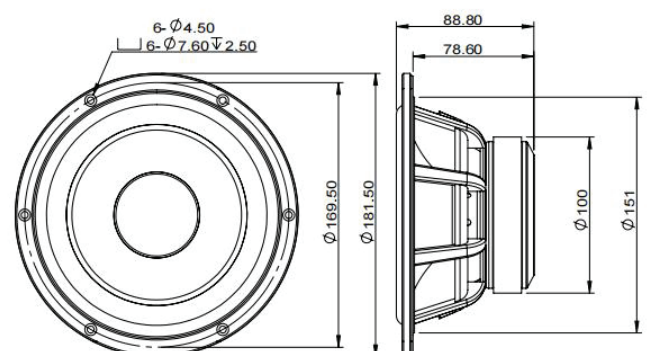
In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

Frequency response & Impedance



Frequency response measured on IAC baffle

2D drawing



info@redcatt.net

www.redcatt.net