

**7"****61FHM****Mid-woofer****REDCATT** **Key features:**

- EXTENDED FREQUENCY RESPONSE

**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 polypropylene cone with rubber surround for this model. Both of these components are produced with UV stabilizers. Furthermore,

REDCATT state of the art adhesives 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 vented enclosures.

**Specifications:****General specs**

Nominal Diameter: 7"

Rated Impedance: 4 ohm

**Power handling**

AES Power: 50 watts

Program Power: 100 watts

Peak Power: 200 watts

**Voice Coil**

Diameter: 1 in.

Winding wire: Copper

Former: Aluminum

Winding height: 12.4 mm

**T/S Parameters**

Resonant frequency: 44 Hz

Re: 3.2 ohm

Qes: 0.58

Qms: 5.27

Qts: 0.52

Vas: 14.4 liters

Sd: 132.7 cm<sup>2</sup>

Sensitivity: 86 dB

Mms: 23.04 grams

Bl: 6.02

Le: 0.74 mH

**Design details**

Surround Material: Rubber

Cone material: PP

Spider: Nomex

Plate thickness: 6 mm

Peak to peak linear cone displacement: 12.2 mm

Overall diameter: 165.5 mm

Bolt circle diameter: 157 mm

Baffle cutout dia.: 143 mm

Number of mounting holes: 4

Depth (flange to rear): 68 mm

Net weight: 1.04kg

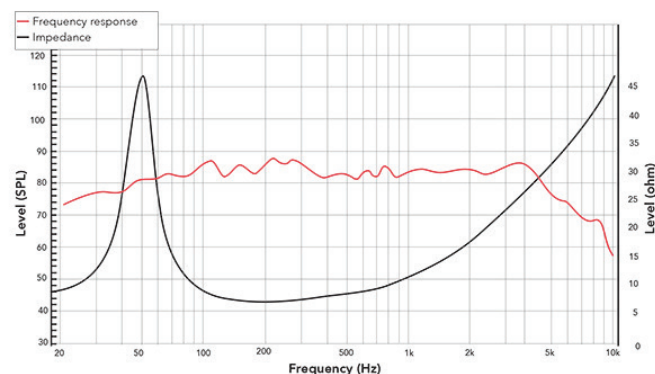
**Ordering codes:**

61FHM-X4 ohm-381

**Recone kits:**

RC61FHM-X381

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**