



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:	6.5 in.
Rated Impedance:	8 Ohm

Power handling

AES Power:	80 Watts
Program Power:	160 Watts
Peak Power:	320 Watts

Voice Coil

Diameter:	1 in.
Winding wire:	CCA W
Former:	Aluminum
Winding height:	12.4 mm

T/S Parameters

Resonant frequency:	45 Hz
Re:	6,4 ohm
Qes:	0,57
Qms:	3,9
Qts:	0,57
Vas:	19 liters
Sd:	133 cm ²
Sensitivity:	89.6 dB
Mms:	17
Bl:	6.7
Le:	0.83 mH

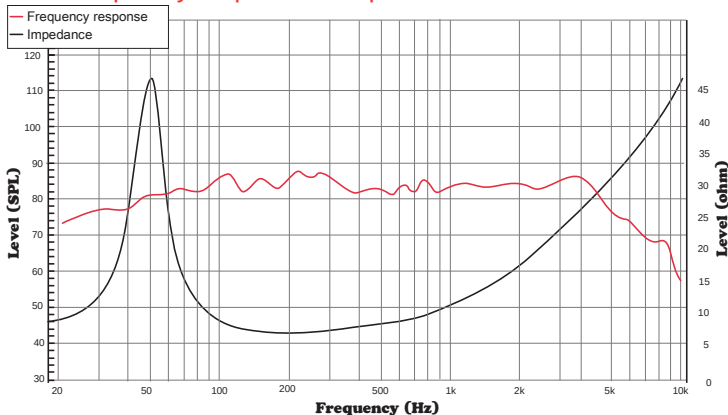
Design details

Surround Material:	Rubber
Cone material:	Polypropylene
Spider:	Single nomex
Plate thickness:	6 mm
Peak to peak linear cone Displacement:	13.2 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:	-- Kg

Ordering codes:

4 ohm version:	61FHMX4-381
8 ohm version:	61FHMX8-381B
16 ohm version:	N/A
Recone kits:	
4 ohm version:	N/A
8 ohm version:	N/A
16 ohm version:	N/A

Frequency response & Impedance



2D drawing

