6" 61FHM-1

Mid-Woofer

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 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 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:	6 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	60 watts
Program Power:	120 watts
Peak Power:	240 watts
Voice Coil	
Diameter:	38 mm
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:	87.77 dB
Mms:	16.4 grams
Bl:	6.6
Le:	0.4 mH

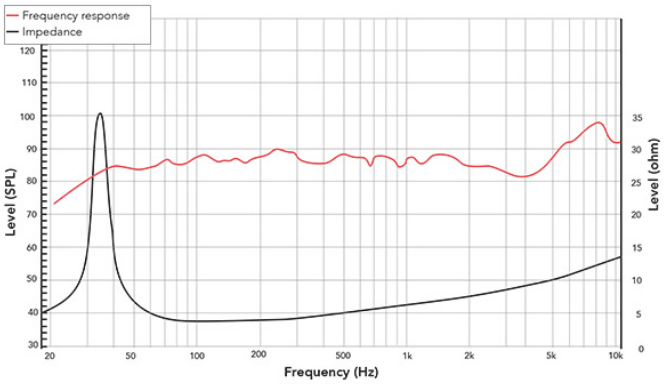
Design details	
Surround Material:	NBR
Cone material:	Aluminum
Spider:	Nomex
Plate thickness:	5 mm
Overall diameter:	181.5 mm
Bolt circle diameter:	169.5 mm
Baffle cutout dia.:	151 mm
Mounting holes:	6
Depth:	78.6 mm
Net weight:	1.61 kg

Ordering code:

DR-6-004-8R-B2-C0001

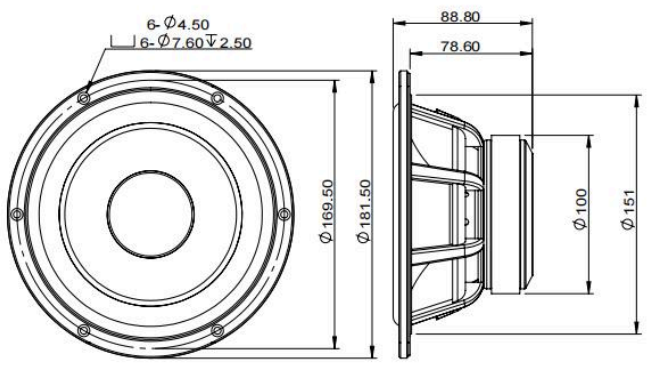
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



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