



Key features:

- GLASS FIBER LOADED PAPER CONE AND DUSTCAP
- NOMEX SPIDER WITH STITCHED TINSEL WIRES
- EXCELLENT LOW FREQUENCY RESPONSE

Design notes:

The 101FHW is a high efficiency, (86dB 1watt / 1 meter) 10-inch woofer speaker with extended low frequency response and high power handling capability. The 101FHW uses a strong glass fiber reinforced paper cone assembly along with a single roll rubber surround. Spider is Nomex material with stitched-in tinsel wires. This ensures long lasting performance even in high powered applications. The chosen material combination provides remarkable

strength, high efficiency and sustained output under extreme conditions.

The 101FHW cone and dust cap are made using glass fiber loaded paper pulp. All „Äsoft,Ä parts are bonded together using state of the art high temperature adhesives. Metal parts in the speaker assembly are coated for extreme weatherization protection. Speaker push terminals are gold plated to ensure the best connection.

Specifications:

General specs

Nominal Diameter: 10"
 Rated Impedance: 4 ohm

Power handling

AES Power: 200 watts
 Program Power: 400 watts
 Peak Power: 800 watts

Voice Coil

Diameter: 2 in.
 Winding wire: Copper
 Former: Aluminum
 Winding height: 32.3 mm

T/S Parameters

Resonant frequency: 27 Hz
 Re: 3.6 ohm
 Qes: 0.37
 Qms: 1.5
 Qts: 0.3
 Vas: 54.7 liters
 Sd: 330.1 cm²
 Sensitivity: 87.08 dB
 Mms: 97.8 grams
 Bl: 12.7
 Le: 0.82 mH

Design details

Surround Material: Rubber
 Cone material: Paper
 Spider: Nomex
 Plate thickness: 8 mm
 Peak to peak linear cone displacement: 11.3 mm
 Overall diameter: 269 mm
 Bolt circle diameter: 258 mm
 Baffle cutout dia.: 239 mm
 Number of mounting holes: 8
 Depth (flange to rear): 117 mm
 Net weight: 6kg

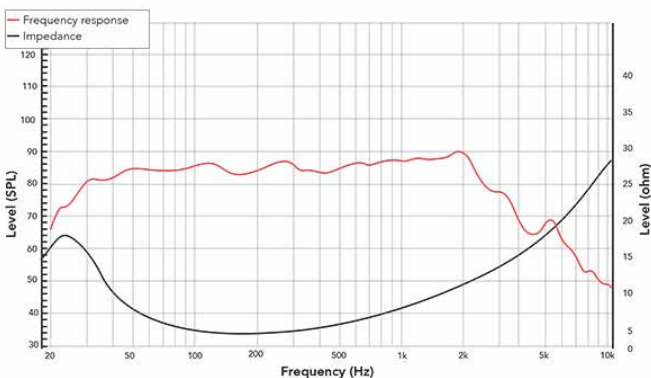
Ordering codes:

101FHWX4-118

Recone kits:

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

