

Key features:

- CARBON FIBER FILLED PAPER CONE
- DOUBLE SILICONE SPIDER
- **HIGH POWER HANDLING**

Design notes:

The 122NPW is a high efficiency, (97 dB 1watt / 1 meter) 12-inch woofer with incredibly linear frequency response characteristics, extreme high power handling capability while generating low harmonic distortion artifacts. The 122NPW uses a lightweight carbon fiber loaded cone assembly along with a high excursion triple roll constant geometry surround. This combination provides remarkable strength, high efficiency and a peak to peak maximum

excursion of 22mm (0.9in). Woofer features REDCATT double silicone sealed spider.

Power Handling

At the core of the 122NPW is it, Äôs voice coil technology featuring a composite Polyimide former material capable of withstanding peak temperatures in excess of 350degC, well beyond the thermal requirements of modern professional audio systems.

The woofer cone is also extensively treated to withstand harsh environments and high humidity. Metal parts in the speaker assembly are coated for extreme weatherization protection.

Ordering codes

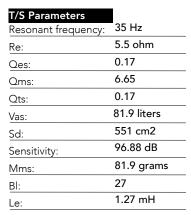
Recone kits:

Specifications:

General specs Nominal Diameter:	12″	T/S Parameters Resonant frequency:
Rated Impedance:	8 ohm	Re:
Power handling		Qes:
AES Power:	800 watts	Qms:
Program Power:	1600 watts	Qts:
Peak Power:	3200 watts	Vas:
Voice Coil		Sd:
Diameter:	4 in.	Sensitivity:
Winding wire:	Copper	Mms:
Former:	Glass Fiber	Bl:
Winding height:	25.5 mm	Le:

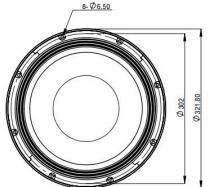
Frequency response & Impedance

Frequency (Hz)





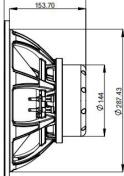
2D drawing



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

122NPWX8-102

need in your request. 164.50 153.70



Frequency response measured on IAC baffle

Level (SPL)

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