

Neodymium Mid-Woofer





Key features:

- EXTENDED FREQUENCY RE-SPONSE
- **2 DEMODULATION RINGS** POWERFUL MOTOR STRUC-TURE
- **DESIGNED FOR 2-WAY AND MULTI-WAY SPEAKER SYS-**TEMS

Design notes:

The 81NPM was designed for good reproduction of voice. With an extended low-frequency response, this mid-woofer is highly suitable for two-way and multi-way systems. It,Äôs high power handling capabilities extend the ideal usage as a mid-range driver in line-array systems. The 81NPM uses a lightweight half-pressed paper cone reinforced by our proprietary cone treatment, which also works as weatherization protection. The

used high-quality components ensure long-lasting performance even in high powered applications. The chosen material combination provides remarkable strength, high efficiency and sustained output under extreme conditions.

Power Handling

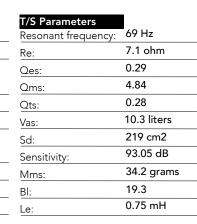
The voice coil sports Kapton former material capable of withstanding peak temperatures above 300°C, well beyond the thermal requirements of modern audio systems. Former strength provides the ideal transfer of power between the voice coil and the cone assembly and assists in reducing distortion artifacts. By combining this material with state of the art adhesives and our winding voice coil technology, the 81NPM delivers incredibly high performance

Ordering codes

Recone kits:

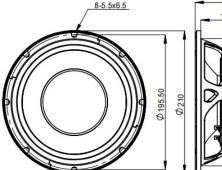
Specifications:

General specs Nominal Diameter: 8 ohm Rated Impedance: Re: Qes: Power handling 400 watts AES Power: Qms: 800 watts Program Power: Qts: 1600 watts Peak Power: Vas: Sd: Voice Coil <u>3</u> in. Diameter: CCAW Winding wire: Mms: Glass Fiber Former: BI: 18.6 mm Winding height: Le:





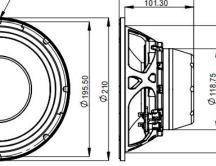
2D drawing



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

81NPMX8-373A

Ø 186.88



111.70 8-5.5x6.5 101.30

Frequency response & Impedance

