



## NSW6021-6

### 21" Tour Grade - American Muscle

Arguably the best 21" subwoofer on the market. Advanced measurement systems and FEA optimization tools were implemented on this next generation of tour grade worthy subwoofers by Eminence. The result is absurd, unrivaled displacement and exceptionally high power handling with top of the line performance in small to large vented enclosures.

**21" | 5000 W  
6 Ω**



- |                                   |   |  |  |
|-----------------------------------|---|--|--|
| <input type="checkbox"/> Midrange | <input type="checkbox"/> Woofer               | <input type="checkbox"/> Sealed Box            | <input type="checkbox"/> Scoop Loading |
| <input type="checkbox"/> Midbass  | <input checked="" type="checkbox"/> Subwoofer | <input checked="" type="checkbox"/> Vented Box | <input type="checkbox"/> Horn Loading  |
| <input type="checkbox"/>          | <input type="checkbox"/> Bass Guitar          | <input type="checkbox"/>                       | <input type="checkbox"/>               |

### SPECIFICATION

Nominal Basket Diameter	21.0", 533 mm
Nominal Impedance*	6 Ω
Power Rating**	
Watts (AES)	2500 W
Music Program	5000 W
Peak Power	10000 W
Resonance	29 Hz
Usable Frequency Range	25 Hz - 0.6 kHz
Sensitivity***	97.0 dB
Magnet Weight	45 oz.
Gap Height	0.75", 19.0 mm
Voice Coil Diameter	6.0", 152 mm
Winding Height	1.90", 48.26 mm
Mirror Image Twin Spiders	
Water Resistant	

### THIELE SMALL PARAMETERS\*

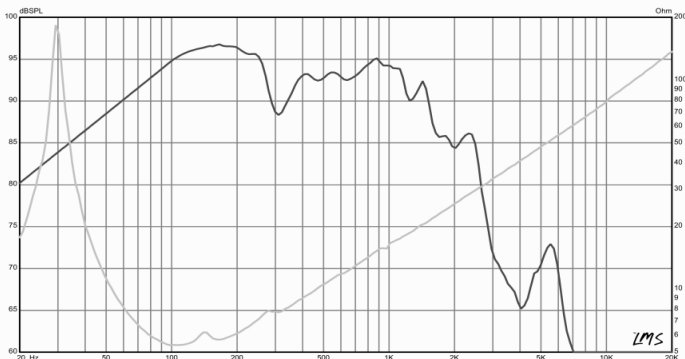
Fs	29 Hz
Re	3.80 Ω
Le	1.38 mH
Qms	15.35
Qes	0.31
Qts	0.31
Vas	7.93 cu.ft., 224.58 liters
Vd	3448.2 cc
Cms	0.06 mm/N
BL	33.79 T-M
Mms	508 grams
EBP	94
Xmax	21.00 mm
Sd	1642.0 cm <sup>2</sup>
Xlim	40.4 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A - liters, N/A - cu.ft.
Vented	155.74 - 481.39 liters, 5.50 - 17.00 cu.ft.
Driver Volume Displaced	0.379 cu.ft., 10.72 liters
Overall Diameter	21.65", 549.9 mm
Baffle Hole Diameter	19.83", 503.7 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.34", 8.6 mm
Mounting Holes B.C.D.	20.67", 525.0 mm
Depth	10.39", 263.9 mm
Net Weight	48.10 lbs., 21.82 kg
Shipping Weight	51.60 lbs., 23.41 kg

### MATERIALS OF CONSTRUCTION

I/O Copper Voice Coil	Die-cast Aluminum Basket
Fiberglass Former	Wet Pressed, X5 Cone Pulp
Neodymium Magnet	Advanced Polycotton Surround
Vented Motor	Wet Pressed, X5 Dust Cap Pulp





*From design and manufacturing to the stage or studio. Once you've experienced the performance of Eminence, you'll never accept anything else.*

## MISSION STATEMENT

*Eminence is dedicated to providing the best Quality, Value and Service to meet our customers' needs.*

## FOOTNOTES

- \* Please consult [www.eminence.com](http://www.eminence.com) for specifications of models with alternative impedances.
- \*\* Eminence Speaker LLC Tour Grade Drivers are power tested using the AES-1984 Testing Guidelines.
- \*\*\* The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. x 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Carver PM-120 amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).
- \*\*\*\* BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.
- \*\*\*\*\* Multiple units exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.
- \*\*\*\*\*The average on axis output across the entire usable frequency range when applying 1W/1m into the nominal impedance, i.e. 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft x 2ft baffle is built into the wall with horn front mounted | Carver PM-120 amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Prices, specifications and product cosmetics are subject to change without notice.

**EMINENCE SPEAKER LLC**

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