



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 type="checkbox"/> Bass Guitar | <input checked="" type="checkbox"/> Vented Box |
| | | <input type="checkbox"/> Bass Guitar | <input type="checkbox"/> Horn Loading |

SPECIFICATION

| | |
|---------------------------|-----------------|
| Nominal Basket Diameter | 21.0", 533 mm |
| Nominal Impedance* | 6 Ω |
| Power Rating** | |
| Watts | 2500 W |
| Music Program | 5000 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 | 1.22", 30.99 mm |
| Mirror Image Twin Spiders | |
| Water Resistant | |

THIELE SMALL PARAMETERS*

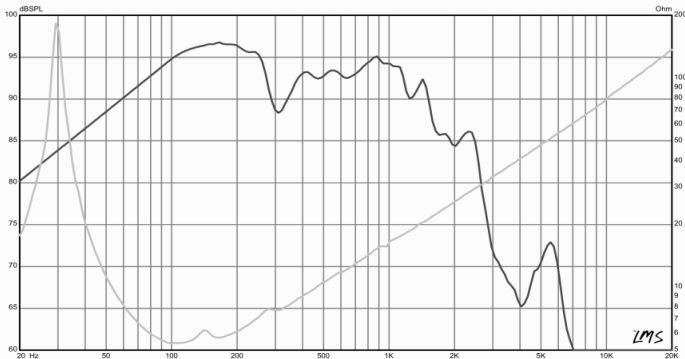
| | |
|------|----------------------------|
| Fs | 29 Hz |
| Re | 3.80 Ω |
| Le | 1.38 mH |
| Qms | 15.35 |
| Qes | 0.31 |
| Qts | 0.31 |
| Vas | 7.93 cu.ft., 224.58 liters |
| Vd | 3448.2 cc |
| Cms | 0.06 mm/N |
| BL | 33.79 T-M |
| Mms | 508 grams |
| EBP | 94 |
| Xmax | 21.00 mm |
| Sd | 1642.0 cm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



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MISSION STATEMENT

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

FOOTNOTES

- * Please consult www.eminence.com for specifications of models with alternative impedances.
- ** Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment.
- *** 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.

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