EMINENCE®

NSW6021-124

- BIFILAR, LOW INDUCTANCE VOICE COIL
- SELECTABLE 1, 2+2, OR 4Ω
- 21" NOMINAL DIAMETER
- 5000 W PROGRAM POWER
- SPACED DUAL SPIDERS

APPLICATION		ENCLOSURE	
Midrange		Sealed Box	✔
Midbass		Vented Box	✔
Woofer		Scoop Loading	✔
Subwoofer	✔	Horn Loading	✔
Bass Guitar			







Eminence NSW6021-124

Designed using advanced measurement and FEA optimization tools, the NSW6021-124 enables easy switching between 1, 2, or 4-ohm amplifier loads while ensuring near zero-inductance transient response. One woofer for all your designs whether vented, horn-loaded, or sealed. Any amplifier, any cabinet, allow us to surpass your expectations..

THIELE & SMALL PARAMETERS

Fs	30.67 Hz
Re	2.90 Ω
Le	1.20 mH
Qms	10.38
Qes	0.33
Qts	0.32
Vas	7.93 cu.ft., 224.58 liters
Vd	3448.2 cc
Cms	0.05 mm/N
BL	30.50 T-M
Mms	551 g
EBP	92.68 mm
Xvar	24 mm
Xmax	21 mm
Sd	1642.0 cm^2
Xlim	40.4 m

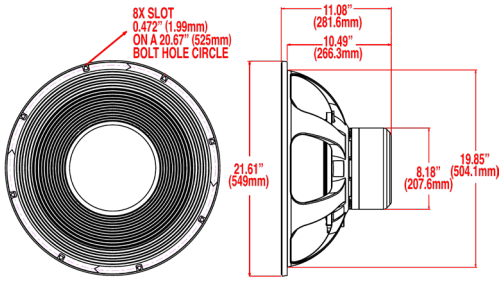
SPECIFICATION

Nominal Basket Diameter		21.0", 533 mm
Nominal Impedance		1, 2, or 4 Ω
Power Rating		
Watts	(AES)	2500 W
Music		5000 W
Peak Power		10000 W
Resonance		30.67 Hz
Usable Frequency Range		25 Hz – 0.6 kHz
Sensitivity		95.0 dB
Magnet Weight		45 oz.
Gap Height		0.75", 19 mm
Voice Coil Diameter		6", 152 mm
Mirror Image Twin Spiders Spaced 13 mm		
Water Resistant		

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MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	122.61–181.79 liters
	4.33–6.42 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



MATERIALS OF CONSTRUCTION

Dual 2-ohm bifilar low-inductance inside/outside wound voice coils • Neodymium magnet • Fiberglass former • Vented Motor • Die-cast aluminum basket • Wet Pressed, X5 Cone Pulp • Advanced Polycotton Surround • Wet Pressed, X5 Dust Cap Pulp • Aluminum demodulation ring

FREQUENCY RESPONSE & IMPEDANCE CURVE

