



NOVA8

RA8

Acoustic Architecture: High SPL & Precision Control

Incorporate an 8" LF transducer and a 1.35" HF compression driver onto a coaxial motor topology, achieving smooth phase and frequency transitions across low, mid, and high bands. Deliver a peak SPL of 127 dB with a symmetrical 100° × 100° dispersion pattern, ensuring crystal-clear acoustic output and consistent polar coverage.

Enclosure Architecture: Heavy-Duty Protection & Structural Stability

Construct the enclosure from high-density Baltic birch plywood to optimize structural rigidity and suppress cabinet resonance, preserving acoustic performance. Protect the front with a high-strength steel grille and apply a black polyurea finish to deliver dual-layer resistance against impacts, wear, and harsh environments.

System Integration: Flexible Deployment & Plug-and-Play Integration

Achieve versatile mounting capability with dedicated brackets that support both horizontal and vertical multi-angle adjustments across diverse venues for rapid setup. Operating across an 85 Hz–18 kHz frequency bandwidth, the enclosure functions as a standalone full-range loudspeaker or pairs seamlessly with subwoofers to form a high-performance 3-way system, satisfying tailored sound reinforcement requirements across all professional applications.

85 Hz - 18 kHz
Frequency Response

127 dB
Maximum SPL

1 x 8" (LF)
Transducers

1 x 1.35" (HF)
Transducers

H 100°
Directivity

V 100°
Directivity

18° (Trapezoidal Enclosure - Fixed Angle)
Splay Angles

IP55
IP Rating

8 kg (17.6 lbs)
Net Weight

Technical Specifications:

AES Power Handling	LF: 250 W	HF: 30 W
Program Power	LF: 500 W	HF: 60 W
Nominal Impedance	8 ohm	
Transducers	LF : 1x8" neodymium	HF : 1x1.35" neodymium
Acoustic Modes	LF: Bass-reflex	HF: Horn
Pin Assignment	1+/1-(INPUT) ,2+/2-(Link)	
Nominal Directivity (-6 dB)	Horizontal (100°)	Vertical (100°)
Connectors	2x4-points Speakon®	
Rigging Hardware	Optional dedicated vertical hanger and dedicated horizontal mounting brackets	
Cabinet Coating	All-birch plywood with black polyurea wear-resistant finish	
Rigging Points	M8	
Maximum SPL	LF: 127 dB	HF: 120 dB
Sensitivity (1 W / 1 m)	LF: 97 dB	HF: 100 dB
Dimensions (W x H x D) mm	265x350x265 mm (10.4"x13.8"x14.4")	
Product Code	12316800206807	

Dimensional Drawing:

