

## STASYS 118

# PASSIVE 18" REFLEX SUBWOOFER, 8 Ω, 1200 W AES

The Stasys 118 is a single 18" reflex-loaded subwoofer, engineered around classic low-frequency design principles and refined through the Stasys philosophy of structural optimization and high output performance. Internal resonance mapping has been used to determine ideal brace placement, minimizing destructive nodes and maximizing output with minimal cabinet coloration.

Built from 18 mm birch plywood and equipped with a powerful neodymium 18" driver with 4" voice coil, the Stasys 118 offers precise, extended bass reproduction and a compact yet robust structure. It is especially suitable for large-scale touring applications, where consistent low-end performance, portability, and reliability are essential.



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### HIGHLIGHTS



#### INTERNAL STRUCTURE OPTIMISED BY RESONANCE MAPPING

The structure of the Stasys 118 drastically reduces the formation of destructive nodes within the cabinet. This engineering approach achieves a cleaner, more precise and powerful low-frequency response, maximising overall acoustic performance without unnecessarily burdening the structure, while maintaining high mechanical rigidity.

#### 18" LONG EXCURSION TRANSDUCERS WITH 4" COILS

The Stasys 118 is designed to guarantee an **extended low frequency response**, even at high sound pressures. The combination of **high linear excursion, large voice coils and high-performance components** results in **deep, dynamic and distortion-free reproduction**, perfect for the most demanding contexts.



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PRODUCT DETAILS

KEY FEATURES

- 18" neodymium driver, engineered for high power handling, low distortion, and fast transient response
- 18 mm birch plywood construction, reinforced and coated with TourCoat finish for superior durability on the road
- Modular configuration ready, with NL4 in/out connectors and array-dependent dispersion
- Optimized internal damping, significantly reducing resonances and improving clarity of the low frequency output

SPECIFICATIONS

Frequency response	40 Hz - 200 Hz ±3 dB
Efficiency	98 dB 1W/1m
Crossover points	70 Hz - 160 Hz, 24 dB/oct
Nominal impedance	8 Ω
Power handling	1200 W AES
Maximum output	129 dB cont, 132 dB peak
Driver configuration	1x 18" LF
Dispersion	Array dependent
Connectors	2x 4-pole speakON™ NL4
Weight	47 kg
Dimensions (W x H x D)	560mm x 638mm x 600mm
Enclosure	18 mm birch plywood
Finish	Textured 'TourCoat' polyurea

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**Grille**

Perforated steel with foam filter

**Colors**

Black