

## STASYS 218

# HIGH POWER REFLEX LOADED DOUBLE 18" SUBWOOFER

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The Stasys 218 is a double 18" reflex loaded, low frequency enclosure built around traditional principles but designed with Stasys philosophy and attention to detail. In order to extract the maximum performance from the design, the heart of the 218's 18 mm birch plywood enclosure was subjected to the same resonance mapping procedures as all other Stasys low frequency models. This practice has dictated the type of materials used around the enclosure, optimised the brace positioning, and minimised destructive nodal conditions. All of this creates a structurally superior housing with minimum mass, the least possible cabinet coloration, and vastly increased output. Transducer selection and integration is also critical when it comes to reflex enclosure design, so exhaustive comparative testing and evaluation led to the new 18" transducer with a high excursion 4" voice coil. The sonic properties of differing cone and surround combinations were studied, as well as differing coil topographies. Flux intensities and out of band abnormalities were also manipulated until the perfect combination was achieved. The marriage of a technologically advanced enclosure with esoteric transducer performance applied with superlative tuning techniques has resulted in a phenomenal package with state-of-the-art performance that has well and truly left tradition behind.



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### PRODUCT DETAILS

#### KEY FEATURES

2400 Watts AES power handling

Optimally damped, minimal mass cabinet

2x4" voice coil 18" low frequency drivers

18 mm birch plywood construction

Applications: large scale touring

#### SPECIFICATIONS

Frequency Response	32 Hz - 200 Hz $\pm$ 3 dB
Efficiency	101 dB 1w/1m
Crossover Point	70 Hz - 160 Hz, 24 dB/oct
Impedance	4 ohms
Power Handling	2400 Watts AES
Maximum Output	134 dB cont, 140 dB peak
Driver Configuration	2 x 18" LF
Dispersion	Array dependent
Connectors	2 x 4-pole speakON™ NL4
Enclosure	18 mm birch plywood
Finish	Textured 'TourCoat' polyurea
Grille	Perforated steel with foam filter

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<b>Dimensions (WxHxD)</b>	1020x586x775 mm
<b>Weight</b>	89 kg