



SP218

Powerful sub-low system

The SP218 is an elegant, Class D-powered sub-low system loaded with two impressive neodymium magnet loudspeaker assemblies. The cabinet is constructed of rigid, 13 layer plywood with multiple internal bracing. Particular attention to weight and handling results in several user benefits. Including the 2500 Watt ultralight CCD amps the SP218 is an impressive featherweight of just above 100kg with no less than 12 ergonomic bar handles to carry it around.

Cabinet dimensions are optimised for international truck size. Ergonomic grip point layout, 8 castor positions, additional corner protection and multiple slide bars all facilitate easy transport. Durability is addressed by a sturdy nano-armor™ coating.

The SP218 will endow any kind of F.O.H. or distributed sound system with a rock solid foundation in the lowest audible octaves. The SALC (Single Audio-logic Level Control) speaker management is a proprietary RMS based gain riding circuit which maintains the tonal balance of the sound as perceived by the human ear. Additionally it protects the SP218 drivers from over excursion or overheating.

To match the desired cabinet dimensions and to obtain maximum efficiency, state-of-the-art computer aided modelling techniques and acoustic calculation programs are used to precisely indicate the manifold reinforcing ribs and port tuning.

Acoustical specifications

Drivers	2 x 18" Long stroke, high power, low weight neodymium design.
Freq. response	30-60Hz/-90Hz (switchable: Sub Mode/SPX Mode)
Max. peak SPL @1m¹	144dB
Coverage angle	Omni-directional

Electrical specifications

Amplifier(s)	CCD™ technology
Output	2x 2500W* sine (SALC limited)
Low pass 4th order	60Hz / ~90Hz (switchable)²
Filter subsonic	30Hz, 2nd order
Input impedance	20 kOhms balanced, 10 kOhms unbalanced
Output impedance	Hard-wired to input
Main voltage	230V (other on request)
Mains frequency	50 / 60 Hz
Idle	< 50VA
Full load	< 3000 VA. DALC limited Ref. to continuous pink noise signal (12 dB c.f. within the specified range)
Protection	S.A.L.C. (Single Audio Logic Control)

¹ Peak level at 1M under half space conditions using pink noise with crest factor 4 (12dB)

² Fullrange option on request

* Specified at 4 Ω

Additional descriptive data

Cabinet construction	Cross grain laminated multiplex
Finish	Nano-armor™ coating
Weight	96,5Kg (wheels not included)
Size WxHxD (mm)	600 x 1200 x 860 (990)
Rigging points	None
Audio connectors	IEC XLR-3 in/out
Main connectors	Powercon in, Powercon out
Max. operating temp.	-10 to 40 C ambient

