



Sub 218LA Dual 18" subwoofer

The 218LA is a high performance subwoofer with built - in high performance amplifier and DSP. It houses two 18" long excursion neodymium transducers in a bass-reflex design facing to the front. The 218LA is designed to deliver high quality, high impact sound reinforcement of low frequencies for a wide variety of live music and A/V support applications where maximum SPL and extended low-frequency reproduction is required. The 218LA can only be used in ground stacked configurations in conventional left/right setups as well as arranged in subwoofer array. The 218LA cabinet is made of high grade Baltic birch plywood with advanced bracings inside and has impact and weather resistant finish. The front of the loudspeaker cabinet is protected by a powder-coated HEX punched steel grill backed by acoustically transparent foam. All side panels incorporate two handles. Four 100 mm wheels are mounted at the rear.

Specifications:

System	
Frequency Range (-10 dB):	27 Hz – 400 Hz
Frequency Response (-3 dB):	32 Hz – 300 Hz
Recommended Bandpass:	27 Hz – 160 Hz
System Input Rating:	3400 W AES, 13600 W Peak
System Sensitivity:	100 dB, 1 W/1m
Maximum Peak Output ¹ :	141 dB SPL, 1 m (2 π , half-space, ground-based applications)
Transducers	
Low Frequency:	2 x 18" (460 mm) diameter, 116 mm (4.5 in) Voice Coil, Neodymium magnet
Nominal Impedance:	4 Ω
Input Power Rating	3400 W AES, 13600 W peak
Amplifier	
Technology:	High Efficiency 4-Channel Class-D
RMS Power:	4000 W
Power Supply:	Universal input, regulated switch mode with PFC (power factor correction)
Nominal Power Requirement:	AC 100 V – 240 V, 50/60 Hz (Operating Voltage AC 85 – 264 V)
Power Consumption:	600 VA
Mains Connectors:	Powercon IN / OUT
DSP	
Technology:	1 in / 3 out 48 kHz / 24 bit Analog Devices Sigma DSP
Audio Signal Inputs / Outputs:	Analog
Adjustable Parameters:	PEQ, lo/hi shelving, all-pass, hi/low pass, polarity, RMS, Peak limiters
Presets:	4 local presets, unlimited via control software
Control:	Preset button, status LEDs / Control software using Ethernet
Enclosure	
Cabinet Construction:	Rectangular enclosure, 15mm Baltic Birch plywood with internal bracing, impact and weather protected finish, 8 handles, fully integrated stacking runners and runner guides for both horizontal and vertical stacking
Grilles:	Black powder-coated HEX punched steel grill backed by an acoustically transparent foam
Dimensions (W x H x D):	1300 mm x 540 mm x 668 mm (800 mm with wheels)
Net Weight:	85 kg
Optional Accessories:	Removable front lid, Protective cover

¹ Calculated maximum SPL based on rated peak power and sensitivity