Sub 112 AP Single 12" subwoofer

The 112 AP is a high performance subwoofer with built - in 4 channel high performance amplifier and DSP.
It houses one B&C 12" long excursion neodymium transducer in a bass-reflex design facing to the front. The 112 AP 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 112 AP can only be used in ground stacked configurations in conventional left/right setups as well as arranged in subwoofer array. The 112 AP 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. Both side panels incorporate one handle. Two NL4 connectors are mounted at the rear.

Specifications:

System	
Frequency Range (-10 dB):	34 Hz – 400 Hz
Frequency Response (-3 dB):	39 Hz – 300 Hz
Recommended Bandpass:	35 Hz – 160 Hz
System Input Rating:	1000 W AES, 4000 W Peak
System Sensitivity:	93 dB, 1 W
Maximum Peak Output[1]:	129 dB SPL, 1 m (2π, half-space, ground-based applications)
Transducers	
Low Frequency:	1 x 12" (320 mm) diameter, 100 mm (4 in) Voice Coil, Neodymium magnet
Nominal Impedance:	8 Ω
Input Power Rating	1000 W AES, 4000 W peak
Amplifier	
Technology:	High Effieciency 4-Channel Class-D
RMS Power:	4000W, maximum output power per channel: 1000W @ 4 Ω, 750W @ 8 Ω
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 or 2 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, 2 handles, 4 rubber feet and feet guides for vertical stacking
Grille:	Black powder-coated HEX punched steel grill backed by an acoustically transparent foam
Input Connectors:	2x Neutrik® Speakon NL-4 for amplifier channels 3 & 4
Dimensions (W x H x D):	400 mm x 480 mm x 480 mm
Net Weight:	28.2 kg
Optional Accessories:	Protective cover, Dolly to transport

[1] Calculated maximum SPL based on rated peak power and sensitivity