

PW118A / PW118



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High output subwoofers

- Self-powered high output subwoofer
 - Coda Audio 18" high excursion woofer
 - 1000 W RMS (2000 W burst) at 4 Ohm Class D amplifier
 - Capable of driving an additional passive woofer (PW118)
 - Low power compression, superb sound quality
 - Optical Limiter for state-of-the-art protection
 - Integrated 24 dB high pass crossover output for mid / high bands
- System components PW118: DNC260, C-Series Amplifiers, D8, PW118A
 System components PW118A: DNC260, AP12, AP15, AP20, AP24, AP25, PW118

The PW118A is a compact self-powered high output subwoofer incorporating a 1000 W high efficiency class D amplifier. The integrated control electronics include an optical limiter, 24 dB phase-aligned crossovers and EQ to provide a perfect match between amplifier and loudspeaker for optimum acoustic output and reliability. The incorporated high pass crossover output (80 Hz or 125 Hz) enables easy integration of top cabinets without additional external processing.

The high power long excursion 18" woofer provides powerful and extended low frequency response with immense headroom. An integrated speaker output enables the use of an additional passive subwoofer providing an economical solution to increase the system maximal level to 137 dB / peak. The use of high efficiency class D amplifier ensures small size, reduced weight and superb sonic performance.

Applications include small touring PA-systems or permanent installations.

TECHNICAL SPECIFICATIONS PW118	
Power handling RMS:	1000 W
Program power:	2000 W
Peak power:	4000 W
Sensitivity:	98 dB, 1 W / 1 m
Nominal impedance:	8 Ohm
Input connectors:	2 x Neutrik™ NL4MP
Dimensions:	580 x 624 x 690 mm
Net weight:	39 kg
Same as the PW118A without the amplifier.	

TECHNICAL SPECIFICATIONS PW118A	
Type:	Self-powered subwoofer
Application:	Medium / large venues subwoofer
Frequency response:	38 Hz to 80 Hz or 125 Hz (switchable)
Maximum SPL peak:	131 dB single cabinet, 137 dB (PW118A + PW118 as slave)
Amplifier:	Class D
Max power output (RMS):	1000 W / 4 Ohm
Peak output current:	50 A
THD+N:	0.04% @ 1000 W, 100 Hz, 4 Ohm
Components:	18" neodymium high excursion woofer, 8 Ohm, 4" (101.6 mm) voice coil, 1100 W (AES)
Crossover:	30 Hz high pass 18 dB, 80 Hz or 125 Hz low pass 24 dB, EQ
Input:	Balanced
Connectors:	1 x female XLR / TRS Jack; 1 x male XLR loop; 1 x male XLR top -24 dB high pass output @ 80 Hz or 125 Hz (Pin 2+; 3-; 1 Gnd)
Impedance:	10 kOhm
Input sensitivity:	0.775 V (RMS)
External speaker output:	Neutrik™ NL4MP (8 Ohm only)
AC connector:	Neutrik™ PowerCon
AC power requirements:	2000 W peak, 1000 W continuous (max)
LED indicators:	Power on, Signal, 0-dB, LF limit, Overload
Gain:	-12 dB, 0 dB
Controls:	2 x high / low pass filters
Suspension:	Optional
Enclosure material:	18 mm Baltic birch
Finish:	Textured black paint+
Dimensions:	580 x 624 x 690 mm
Net weight:	46 kg