

PW112A / PW112



PW112A / PW112

High output subwoofers

- Self-powered high output subwoofer
 - Coda Audio 12" neodymium ultra low distortion woofer
 - 1000 W RMS (2000 W burst) at 4 Ohm Class D amplifier
 - Capable of driving an additional passive subwoofer (PW112)
 - Low power compression, superb quality sound
 - Optical Limiter for state-of-the-art protection
 - Integrated 24 dB high pass crossover output for mid / high bands
- System components PW112: DNC260, C-Series Amplifiers, D5-Tube, D5-Ceiling, D5-Cube, K4, K5, PW112A
 System components PW112A: DNC260, AP8, PW112

The PW112A 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 12" neodymium woofer provides powerful and extended low frequency response with immense head-room. An integrated speaker output enables the use of an additional passive subwoofer (PW112), providing an economical solution to increase the system maximal level to 135 dB / peak. The use of high efficiency class D amplifier together with the newly developed neodymium ultra low distortion woofer ensures small size, reduced weight and superb sonic performance.

Applications include small touring PA-systems or permanent installations.

TECHNICAL SPECIFICATIONS PW112	
Power handling RMS:	600 W
Program power:	1200 W
Peak power:	2400 W
Sensitivity:	96 dB, 1 W / 1 m
Nominal impedance:	8 Ohm
Input connectors:	2 x Neutrik™ NL4MP
Dimensions:	450 x 394 x 530 mm
Net weight:	23 kg
Same as the PW112A without the amplifier.	

TECHNICAL SPECIFICATIONS PW112A	
Type:	Self-powered subwoofer
Application:	Small / medium venues subwoofer
Frequency response:	35 Hz to 80 Hz or 125 Hz (switchable)
Maximum SPL peak:	129 dB single cabinet, 135 dB (PW112A + PW112 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:	12" neodymium ultra low distortion woofer, 8 Ohm, 3" (77 mm) voice coil, 600 W (AES)
Crossover:	30 Hz high pass 18 dB, 80 Hz or 150 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:	450 x 394 x 530 mm
Net weight:	31 kg