

## PW12A



PW12A

Self-powered subwoofer with satellite amps

- Active tri-amp subwoofer with amplifier outlets for stereo tops
- Coda Audio 12" neodymium ultra low distortion woofer
- 1000 W plus 2 x 500 W class D amplifiers
- Low power compression, superb sound quality

## PW12



PW12

Passive subwoofer

- Optical Limiters for state-of-the-art protection
- Optimized to power the Coda G-, K- and D-Series passive cabinets
- Capable to drive an additional passive subwoofer PW12

- System components PW12A: G308, D5-Tube, K289i, D5-Cube, PW12

PW12A is an active tri-amp system subwoofer with amplifier outlets for passive tops containing 2000 W amplification and processing for a complete stereo sub / satellite system.

The electronics: integrates one 1000 W for the low frequency and 2 x 500 W high efficiency class D amplifiers for the top cabinets. The advanced analogue processor includes optical limiters for each channel, 24 dB phase-aligned crossovers, subsonic filters and EQ to provide a perfect match between amplifiers and loudspeakers for optimum acoustic output and reliability. The use of high efficiency class D amplifier for the subwoofer and for the tops ensures small size, reduced weight and superb sonic performance.

The loudspeaker: 12" high power, long excursion neodymium ultra low distortion woofer providing powerful and extended low frequency response down to 30 Hz.

System integration: Optimized to work together with the G-, K- and D-Series full range passive cabinets, the PW12A can be connected to diverse mid-high loudspeakers for different applications to build a complete stereo sub / satellite system. An integrated speaker output enables an additional passive subwoofer (PW12) to be used increasing

the system low frequency output by 6 dB without the need for additional processing and amplifier racks. Applications: Used in a wide variety of configurations they provide compact and economical plug and play solution for bands, small PA-systems, mobile DJ 's or permanent installations.

TECHNICAL SPECIFICATIONS PW12	
Power handling RMS:	600 W
Program power:	1200 W
Peak power:	4800 W
Sensitivity:	96 dB, 1 W / 1 m
Nominal impedance:	8 Ohm
Input connectors:	2 x Neutrik™ NL4MP
Dimensions:	398 x 454 x 465 mm
Net weight:	21 kg
Same as the PW12A without the amplifier.	

TECHNICAL SPECIFICATIONS PW12A	
Type:	Self-powered subwoofer cabinet with satellite amps
Application:	Small / medium venues subwoofer
Frequency response:	30 Hz to 110 Hz
Maximum SPL peak:	127 dB single cabinet, 133 dB (PW12A + PW12 as slave)
Amplifier Sub:	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
Amplifiers Top:	2 x 500 W Class D, 8 Ohm continuous, 2 x 600 W burst
Components:	12" neodymium high excursion woofer 8 Ohm, 3" (77 mm) voice coil, 600 W (AES)
Crossover:	20 Hz high pass 18 dB, 100 Hz low pass 24 dB, EQ
Input:	Balanced
Connectors:	L + R female XLR / TRS Jack; L + R male XLR loop, (Pin2+; 3-; 1 Gnd)
Impedance:	10 kOhm
Input sensitivity:	0.775 V (RMS)
External speaker outputs:	L, R, Sub, 3 x Neutrik™ NL4MP (8 Ohm only)
AC Connector:	Neutrik™ PowerCon
AC power requirements:	2800 W peak, 1400 W continuous (max)
LED indicators:	Power on, Signal, 0-dB, LF Limit, Overload
Gain:	-12 dB, 0 dB
Controls:	Volume: Sub, Top L, Top R
Enclosure material:	18 mm Baltic birch
Finish:	Textured black paint
Dimensions:	398 x 454 x 590 mm
Net weight:	37 kg
* Half-space loading	

## D-Core2



### D-Core2.7

2000 W, containing:

- 1 x Coda PW12A
  - 2 x Coda G308
- (for more information please see page 25)

D-Core2.7 is an ultra compact active sub / sat system for solo-entertainers, duos, unplugged, mobile DJ 's and corporate AV events.



### D-Core2.8

2000 W, containing:

- 1 x Coda PW12A
  - 1 x Coda PW12
  - 2 x Coda K289i
- (for more information please see [www.codaaudio.com](http://www.codaaudio.com))

D-Core2.8 is an ultra compact active sub / sat system for solo-entertainers, duos, unplugged, mobile DJ 's or corporate AV events.



### D-Core2.9

2000 W, containing:

- 1 x Coda PW12A
  - 4-6 x Coda D5-Cube or Coda D5-Tube
- (for more information please see pages 36 and 34)

D-Core2.9 is a distributed installation system for bistros, restaurants, pubs, shopping centres, multimedia, houses of worship, conferences or corporate AV events.



### D-Core2.10

2000 W, containing:

- 1 x Coda PW12A
  - 1 x Coda PW12
  - 6-8 x Coda D5-Cube or Coda D5-Tube
- (for more information please see pages 36 and 34)

D-Core2.10 is a distributed installation system for bistros, restaurants, pubs, shopping centres, convention centres, multimedia, houses of worship, conferences or corporate AV events.

