

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: | 31 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)

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.

