

PW15A-Pro



PW15A-Pro

Active tri-amp subwoofer including amplifier outlets for stereo tops

- Active tri-amp subwoofer including amplifier outlets for stereo tops
- Coda Audio 15" neodymium ultra low distortion woofer
- 1000 W plus 2 x 500 W class D amplifiers
- Low power compression, superb sound quality
- Optical Limiters for state-of-the-art protection
- Optimized to power the Coda G- and K-Series passive cabinets
- System components: G308, K289i

PW15A 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: 15" high power, long excursion neodymium ultra low distortion woofer providing powerful and extended low frequency response down to 38 Hz. The loudspeaker is 4 Ohm, consuming the whole power of 1000 W from the class D amplifier and therefore cannot drive an additional passive subwoofer. The cabinet incorporates extremely long excursion and a state-of-the-art 15" neodymium driver found only in top of the range concert systems. Optimal output v / s volume.

System integration: Optimized to work together with the G- and K-Series full range passive cabinets, the PW15APro can be connected to diverse mid-high loudspeakers for different applications to build a complete stereo sub / satellite system without the need for additional processing and amplifier racks. Optimal output v / s volume.

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 PW15A-Pro

Type:	Active tri-amp subwoofer with amplifier outlets for tops
Application:	Small / medium venues
Frequency response:	38 Hz to 100 Hz
Maximum SPL peak:	132 dB
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, 4 Ohm continuous, 2 x 600 W burst
THD + N:	< 0.001 %
Components:	15" neodymium high excursion woofer, 4 Ohm, 4" (101 mm) voice coil, 1200 W (AES)
Crossover:	28 Hz high pass 18 dB, 100 Hz low pass 24 dB, EQ
Input:	Balanced
Connectors:	L + R female XLR / TRS Jacks: L + R male XLR loop (Pin 2+; 3-; 1 Gnd)
Impedance:	10 kOhm
Input sensitivity:	0.775 V (RMS)
External speaker outputs:	L, R, Sub, 3x Neutrik™ NL4MP
AC connector:	Neutrik™ PowerCon
AC power requirements:	2800 W peak, 1400 W continuous (max)
LED Indicators:	Power on, Signal, 0-dB, LF Limit, Overload
Controls:	Volume: Sub, Top L, Top R,
Gain:	-12 dB, 0 dB
Enclosure material:	18 mm Baltic birch
Finish:	Textured black paint
Dimensions:	510 x 454 x 650 mm
Net weight:	36 kg