

AP15

AP15

2-way coaxial self-powered,
versatile full range system



- Coda Audio Neodymium 15" coaxial loudspeaker, 80° x 60° waveguide
- 500 W RMS class D amplifier for the low frequency plus 100 W RMS MOSFET amplifier for the high frequency
- Single point source system providing coherent wave front
- Improved transient response
- Very high SPL, superb quality sound
- Smaller size, reduced weight
- M6 suspension points and air cargo flying track
- System components: DNC260, PW118A, (+ PW118), PW215A, PW418Av²

TECHNICAL SPECIFICATIONS AP15

Type:	2-way coaxial self-powered full range system
Application:	High level short to medium throw
Frequency response:	49 Hz – 20 kHz (-3 dB)
Maximum output long term:	125 dB
Maximum output peak:	131 dB
Dispersion:	80° x 60°
Amplifier low range:	Class D
Power output (RMS):	500 W / 4 Ohm
Peak output current:	> 45 A
THD + N:	< 0.02% @ 500 W, 1 kHz, 4 Ohm
Amplifier high range:	MOSFET 100 W (RMS), 200 W burst
THD + N:	< 0.02%
Components:	
Low frequency:	15" neodymium woofer, 3" (77 mm) voice coil, 500 W (AES)
High frequency:	neodymium driver, 1.75" (44.4 mm) voice coil, 80 W (AES)
Crossover:	1.3 kHz / active
High pass filter:	36 Hz / 18 dB
Input:	Balanced
Connectors:	1 x female XLR / TRS Jack; 1 x male XLR loop (Pin 2+; 3-; 1 Gnd)
Impedance:	10 kOhm
Input sensitivity:	0.775 V (RMS)
AC connector:	Neutrik™ PowerCon
AC power requirements:	1000 W peak, 600 W continuous (max)
LED Indicators:	Power on, Signal, 0-dB, LF limit, HF limit, Overload
Gain:	-12 dB to 0 dB
Controls:	Bass EQ +6 dB @ 46 Hz on/off
Enclosure shape:	Multi-design
Suspension:	1 x air cargo track and 8 x M6 threaded points
Enclosure material:	15 mm Baltic birch
Finish:	Textured black paint
Dimensions:	420 x 584 x 450 mm
Net weight:	27 kg

The Coda Audio AP15 is a coaxial 2-way self-powered bi-amped full range loudspeaker system designed without compromise to provide a true one point source in a small package. The cabinet contains an extremely high power 15" neodymium woofer and a coaxially mounted neodymium driver with an 80° x 60° elliptical waveguide.

The advanced design aligns the acoustical centres of the transducers to produce a single point source. This unique loudspeaker technology provides a coherent wave front without hot spots. Precise directivity ensures uniform coverage with perfect time alignment between the components. The use of a high efficiency class D amplifier for the low frequency and MOSFET amplifier for the high frequency ensure small size, reduced weight and superb sonic performance.

The AP15 incorporates a multi-design enclosure enabling it to be used as a front of house full range unit or as a floor monitor. The addition of an integral top hat and flying hardware as standard allows multipurpose applications and placement.

Applications include convention centers, theatres, corporate events, nightclubs, stage monitor and band PA.

ACCESSORIES

CU15DV	Vertical U-bracket for AP15
CU15AH	Horizontal U-bracket for AP15
Cab2	System loop cable powercon + signal for AP15, 2 m
Cab5 main	System cable powercon + signal for AP15, 5 m
ANC Ring	Ring Mount for Cargo Tracks for AP15