

D12



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2- way passive installation system

- Compact 2-way coherent point source technology
 - 12" ultra low distortion driver with 3" VC and triple demodulation rings
 - Coaxially mounted 1.75" annular diaphragm superb quality HF driver
 - High power handling of 600 W (AES)
- Symmetrical coverage of 90°
 - Superior sound quality
 - Optimized for near-field applications
 - High output before feedback
 - System integration with LINUS amplifiers
 - Integrated M6 flying points
- System components: Coda Audio System Amplifier, Coda Audio System Controller, System Subwoofer

The Coda D12 is a passive 2-way coaxial loudspeaker system designed without compromise to provide a true one point source in a compact package. The cabinet contains a high power 12" woofer and a coaxially mounted ring diaphragm high frequency driver with 44.4mm voice coil. The advanced design aligns the acoustical centers of the transducers to produce a single point source. This unique loudspeaker technology provides a coherent wave front without hot spots. Precise directivity of 90° conical ensures uniform coverage with perfect time alignment between the components. Supported with a full range of mounting and flying accessories the D12 sets a state of the art solution for almost any high quality, near field installed sound reinforcement applications.

ADVANCED DRIVER TECHNOLOGY

At the heart of the D12 is the new developed 12"/1,75" coaxial driver. The 12" cone driver covers the 60 - 1.300 Hz range with high efficiency and smooth, linear response. Three aluminium shorting rings reduce inter-modulation distortion; minimize induction variation while reducing thermal compression. The coaxially mounted high frequency driver contains an ultra light 1,75" annular diaphragm providing exceptional transient response with very high efficiency from 1kHz to 20 kHz. This new transducer was engineered to radiate a single source, coherent 90° wave front for superior dispersion control and high fidelity sound.

SYSTEM SOLUTION

The D12 is designed to work exclusively with dedicated Coda Audio LINUS or C3/C5 amplifiers as an integrated solution for DSP control, amplification, network remote control and diagnostic. The integrated solution ensures optimal performance and protection.

OPTIONS

Additional colours and weather protection options are available on request.

APPLICATIONS

Supported with a full range of mounting and flying accessories the D12 sets a state of the art solution for almost any high quality, near field installed sound reinforcement applications.

TECHNICAL SPECIFICATIONS D12	
Type:	Compact 2-way coaxial installation system
Application:	Superior quality near field applications
Frequency response:	60 Hz - 20 kHz (-4 dB)
Power handling AES:	600 W
Peak power:	2400 W
Sensitivity:	98 dB*
Max. SPL peak:	132 dB**
Dispersion:	90° conical
Components:	
Low frequency:	12" woofer, 3" (77mm) VC, 600 W (AES)
Mid/High frequency:	Annular diaphragm compression driver, 1.75" (44.4 mm) VC, 80 W (AES)
Crossover:	1.2 kHz passive
Nominal impedance:	4 Ω
Cabinets per amp channel:	1***
Input connectors:	2x Neutrik™ NL4MP
Suspension:	10 x M6 threaded points
Enclosure material:	Birch plywood
Finish:	Black Polyurea coating (water resistant)
Dimensions (WxHxD):	342 x 452 x 425 mm
Net weight:	19kg
Weatherproof version:	Optional

ACCESSORIES

CUD12V	Vertical U-bracket for D12	24481	Wall mount
CUD12H	Horizontal U-bracket for D12	DSF	Stand fitting
DFA	Flying adapter	M6	Ring

* Half-space loading
** Measured with pink noise 6 dB crest factor
*** In low SPL applications up to 2 x D12 per channel can be connected