

D12 Data Sheet

D12

2-way Passive
Installation System



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 a 44.4 mm voice coil.

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 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.

At the heart of the D12 is the new developed 12"/1.75" coaxial driver. The 12" cone driver covers the 60 – 1300 Hz range with high efficiency and smooth, linear response. Three aluminium shorting rings reduce inter-modulation distortion; minimise 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 1 kHz 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.

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

D12 Features

- ⊕ Compact 2-way coherent point source technology
- ⊕ 12" ultra low distortion driver with 3" voice coil 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
- ⊕ Optimised for near-field applications
- ⊕ High output before feedback
- ⊕ System integration with CODA DSP amplifiers
- ⊕ Integrated M6 flying points

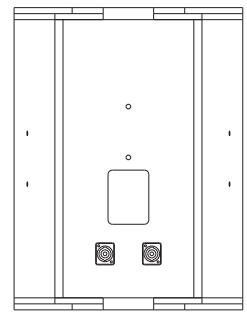
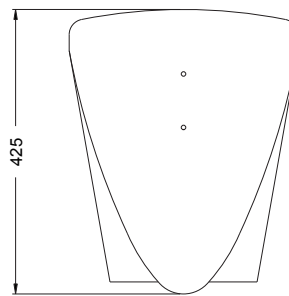
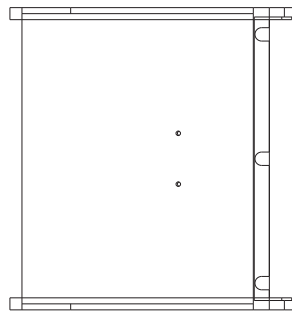
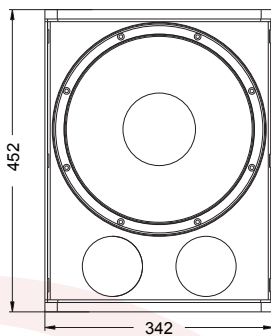


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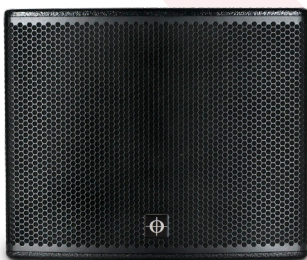


Product type:	Compact 2-way coaxial installation system
Dimensions (WxHxD):	342 x 452 x 425 mm / 13.46 x 17.8 x 16.73"
Dimensions Including Hardware (WxHxD):	N/A
Net weight:	19 kg / 41.89 lbs
Frequency response:	57 Hz – 21 kHz (-6 dB)
Power handling AES / peak (passive):	600 W / 2400 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL (with LINUS10):*	132 dB
Dispersion horizontal:	90° conical
Dispersion vertical:	N/A
Components Low frequency:	12" woofer, 3" (77 mm) VC, 600 W (AES)
Components Mid/High frequency:	Annular diaphragm compression driver, 1.75" (44.4 mm) VC, 80 W (AES)
Crossover point:	1.2 kHz passive
Input connectors:	2x Neutrik™ NL4MP
Nominal impedance LF / MF+HF:	4 Ω
Enclosure material:	Birch plywood
Suspension:	10x M6 threaded points

*Measured with pink noise 6 dB crest factor. Half-space loading.



Other D-Series Related Products



G15-SUB

Compact High-Output Subwoofer



G18-SUB

Extended Low Frequency Subwoofer



LINUS10-C

4-Channel Loudspeaker Management Amplifier

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