

# D12 Data Sheet

## D12

*Compact Passive 2-way Coaxial System for Installations*



The CODA D12 is a 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.

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.

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. Additional colours and weather protection options are available.

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
- ⊕ Frequency response: 57 Hz - 21 kHz (-6 dB)
- ⊕ High power handling of 600 W (AES)
- ⊕ 12" ultra low distortion driver with 3" voice coil and triple demodulation rings
- ⊕ Coaxially mounted 1.75" annular diaphragm superb quality HF driver
- ⊕ Symmetrical coverage of 90°
- ⊕ Superior sound quality
- ⊕ Optimised for near-field applications
- ⊕ High output before feedback
- ⊕ Integrated M6 flying points
- ⊕ Ball impact resistant (DIN 18032-3)
- ⊕ System integration with LINUS Loudspeaker Management Amplifiers

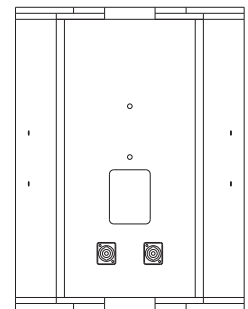
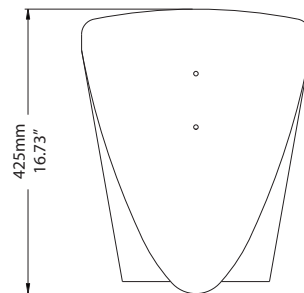
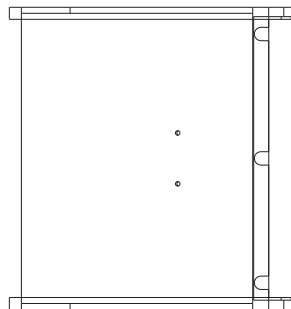
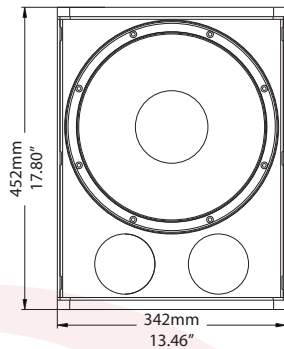


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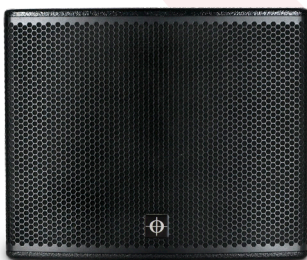


|                                  |  |
|----------------------------------|--|
| Product type:                    | Compact passive 2-way coaxial system for installations               |
| Frequency response:              | 57 Hz – 21 kHz (-6 dB)   |
| Power handling AES :             | 600 W  |
| Peak power (passive):            | 2400 W   |
| Sensitivity:                     | 98 dB  |
| Max. peak SPL:*                  | 132 dB   |
| Dispersion:                      | 90° conical  |
| 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 (1+/1-)  |
| Enclosure material:              | Birch multiplex  |
| Finish:                          | Polyurea coating   |
| Suspension :                     | 10x M6 threaded points   |
| IP rating options (IEC 60529):   | Standard IP54  |
| Weatherproof protection options: | Standard IP55: IP55 (direct cable)<br>MG1 (Marine Grade 1): IP55     |
| Dimensions (WxHxD):              | 342 x 452 x 425 mm / 13.46 x 17.80 x 16.73"                          |
| Net weight:                      | 19 kg / 41.89 lbs  |

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



## Other D-Series Related Products



**G15-Sub**  
Compact Multipurpose  
15" Sub-Extension



**G18-Sub**  
Compact Multipurpose  
18" Sub-Extension



**LINUS12C**  
4-Channel DSP Amplifier with  
Loudspeaker Management

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