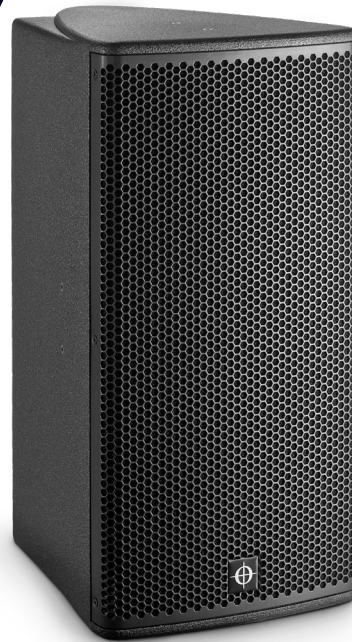


D20 Data Sheet

D20

2-way Passive
Installation System



The D20 is a passive 3-way compact system, designed for small to medium installation applications where extended low frequencies, superior dispersion control and high fidelity sound are required. The cabinet contains an extremely long excursion 12" woofer and an 8"/1.75" coaxial driver.

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 cabinet contains an extremely long excursion 12" ultra low distortion cone driver covering the range 35 Hz – 400 Hz. The 3" voice coil is 32 mm high, ensuring linear excursion of 22 mm / pp at consistent magnetic force. Three aluminium shorting rings reduce inter-modulation distortion; minimise induction variation while reducing thermal compression. This design reduces dramatically the distortion of a typical subwoofer at longer excursion levels, and improves the overall sound quality providing deep and punchy bass.

The low and mid range are overlapped in the range 200 – 400 Hz while mid and high range are overlapped in the 1 – 1.8 kHz range. This increases the maximal SPL of the system providing improved directivity control.

The D20 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.

Additional colours and weather protection options are available on request.

D20 Features

- ⊕ 3-way coherent point source technology
- ⊕ True full range performance (35 Hz – 20 kHz)
- ⊕ 8"/1.75" coaxial driver and 12" extremely high excursion cone driver
- ⊕ High power handling of 1000 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

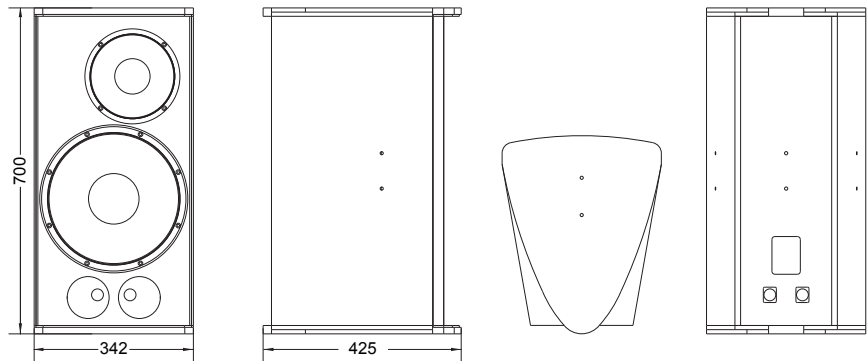


D20 Data Sheet



Product type:	Compact 2-way coaxial installation system
Dimensions (WxHxD):	342 x 700 x 425 mm / 13.46 x 27.56 x 16.73"
Dimensions Including Hardware (WxHxD):	N/A
Net weight:	26 kg / 57.32 lbs
Frequency response:	35 Hz – 21 kHz (-6 dB)
Power handling AES / peak (passive):	1000 W / 4000 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL (with LINUS10):*	133 dB
Dispersion horizontal:	90° conical
Dispersion vertical:	N/A
Components Low frequency:	12" woofer, 1000 W (AES)
Components Mid/High frequency:	8"/1.75" coaxial driver, Mid: 2" (51 mm), High: 1.75" (44.4 mm) voice coil, 180 W + 80 W (AES)
Crossover point:	300 Hz, 1.3 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.



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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