

U12

Ultra Compact Subwoofer



12" neodymium ultra low distortion woofer, extended frequency response down to 38 Hz (-6 dB).

The U12 is a 12" ultra compact subwoofer that provides powerful low frequency response. Low port compression and optimised enclosure design give a tight, accurate bass response that is ideally suited for mobile and installation applications. The U12i is a slim, wall mounted version of the U12.

State-of-the-art drivers. The U12 is equipped with an extremely long excursion 12" neodymium ultra low distortion woofer. The neodymium motor delivers extreme high magnetic flux for increased efficiency. The 3" voice coil is 26 mm high, ensuring ultra linear excursion of 16 mm / pp at consistent magnetic force.

State-of-the-art carbon-fiber cone ensures maximum stiffness and low moving mass. The aluminum shorting rings reduce intermodulation distortion, minimise induction variation while reducing thermal compression. This design dramatically reduces the distortion of a typical subwoofer at longer excursion levels, and improves the overall sound quality and performance characteristics of the cabinet.

System solution. The U12 is designed to work exclusively with CODA Audio LINUS amplifiers as an integrated solution for DSP control, amplification, network remote control and diagnostic. The integrated solution ensures optimal performance and protection. Typical applications are Houses of Worship, Theatres, Small clubs, Mobile DJs and live sound events.

U12 Features

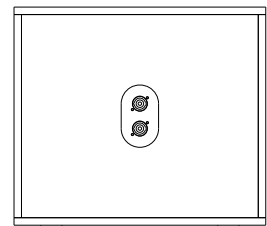
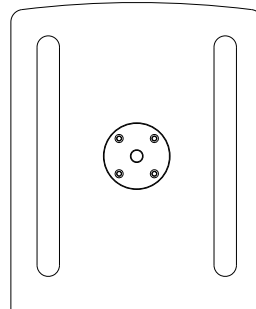
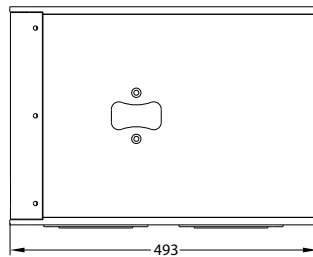
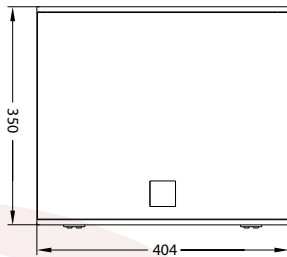
- ⊕ CODA Audio 12" neodymium ultra low distortion woofer
- ⊕ Extended frequency response down to 38 Hz (-6 dB)
- ⊕ System impedance optimised for smaller LINUS amplifiers
- ⊕ Maximum SPL 130 dB (peak)

U12 Data Sheet



Product Type	Multi purpose subwoofer
Dimensions (WxHxD):	404 x 350 x 493mm / 15.91 x 13.78 x 19.41"
Dimensions Including Hardware (WxHxD):	N/A
Net Weight	19 kg / 41.89 lb
Frequency Response	38 Hz - 150 Hz (-6 dB)
Power handling AES / peak (passive):	800 W / 3200 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL (with LINUS10):*	130 dB
Dispersion Horizontal:	N/A
Dispersion Vertical:	N/A
Components Low frequency:	12" ultra low distortion woofer, 3" (77 mm) VC, 800 W (AES)
Components Mid/High frequency:	
Crossover point:	N/A
Input Connectors:	1x Neutrik™ NL4MP
Velocity sensors output (SUBS):	N/A
Nominal impedance LF / MF+HF:	4 Ω (+1/-1)
Enclosure material:	Birch plywood
Suspension	M6 threaded points

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



Other System Related Products



HOP55

2-way, High-Output Point Source Loudspeakers

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D5

2-way Passive Installation System



LINUS5-C

4 Channel Loudspeaker Management Amplifier

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