

U12-Sub Data Sheet

U12-Sub

*Ultra Compact 12"
Multipurpose Subwoofer*



The U12-Sub 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 applications.

The U12-Sub 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.

U12-Sub Features

- ⊕ Ultra compact design
- ⊕ 12" neodymium ultra low distortion woofer
- ⊕ Extended frequency range: 38 Hz – 150 Hz (-6 dB)
- ⊕ Power handling: 800 W (AES)
- ⊕ Maximum SPL 130 dB (peak)
- ⊕ Integrated M20 pole mount socket
- ⊕ System impedance optimised for smaller LINUS amplifiers

State-of-the-art carbon-fibre cone ensures maximum stiffness and low moving mass. The aluminium 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.

The U12-Sub is designed to work exclusively with CODA Audio LINUS Loudspeaker Management Amplifiers as an integrated solution for DSP, amplification, network remote control, optimal performance, protection, as well as extensive possibilities for system tuning and monitoring. Typical applications are houses of worship, theatres, small clubs, mobile DJs and live sound events.

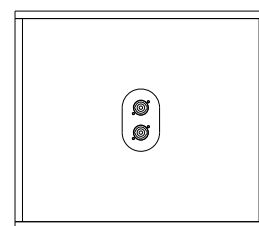
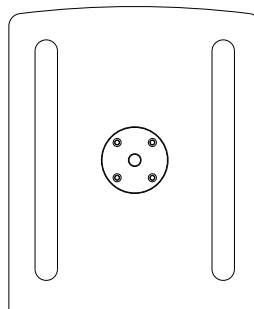
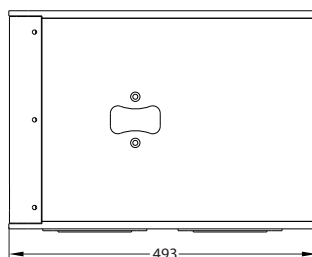
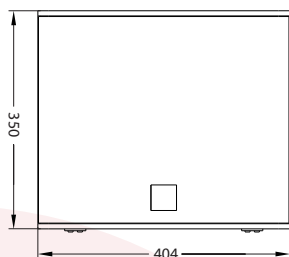


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Product type:	Ultra compact 12" multipurpose subwoofer
Frequency response:	38 Hz - 150 Hz (-6 dB)
Power handling AES / peak (passive):	800 W / 3200 W
Sensitivity 1 W / 1m:*	95 dB
Max. output peak:	130 dB
Amplification, cabinets per amplifier: (Optimum / Maximum)	LINUS10-C: 4/8 LINUS12C: 4/8 LINUS14D: 4/8
Components:	12" ultra low distortion woofer, 3" (77 mm) VC, 800 W (AES)
Input connectors:	2x Neutrik™ NL4MP
Velocity sensors output:	N/A
Nominal impedance:	4 Ω (+1/-1)
Enclosure material:	Birch plywood
Finish:	Polyurea coating
Suspension:	M6 + M20 threaded points
IP rating options (IEC 60529):	Standard IP54
Weatherproof protection options:	Standard IP55; IP55 (direct cable) MG1 (Marine Grade 1): IP55
Dimensions (WxHxD):	404 x 350 x 493mm / 15.91 x 13.78 x 19.41"
Net weight:	16 kg / 35.27 lbs

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



Other System Related Products



HOP55

Ultra Compact 2-way
High Output Point Source

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D5-Cube

Ultra Compact 2-way
Coaxial System



LINUS12C

4-Channel DSP Amplifier with
Loudspeaker Management

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