

U15-Sub Data Sheet

U15-Sub

Compact 15"
Multipurpose Subwoofer



The U15-Sub is a compact 15" ultra low distortion woofer with extended frequency response down to 35 Hz (-6 dB)

The U15-Sub is equipped with an extremely long excursion 15" ultra low distortion woofer. The motor delivers extreme high magnetic flux for increased efficiency. The 3" voice coil is 32 mm high, ensuring ultra linear excursion of 22 mm / pp at consistent magnetic force.

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.

Matching the impedance of speakers and amplifiers. Although U15 can work with all LINUS amplifiers the 4 Ohm speaker impedance is optimised to draw more current from a smaller amplifier like LINUS12C delivering uncompromised high output at reduced system cost.

The U15-Sub has been 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.

The U15-Sub is perfectly suited as a sub-extension for the HOPS, TiRAY, CoRAY, D-Series and G-Series systems and can be used in variety of installation and mobile applications. Typical applications are houses of worship, theatres, clubs and live sound events.

U15-Sub Features

- ⊕ Extended frequency range: 35 Hz – 150 Hz (-6 dB)
- ⊕ Power handling: 1000 W (AES)
- ⊕ Maximum SPL 133 dB (peak)
- ⊕ 15" ultra low distortion woofer
- ⊕ Integrated M20 pole mount socket
- ⊕ System impedance optimised for smaller LINUS amplifiers

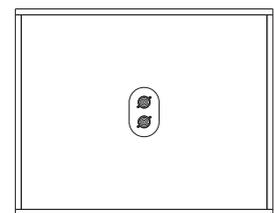
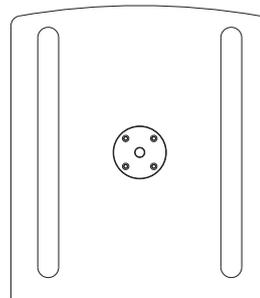
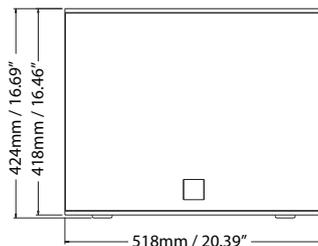
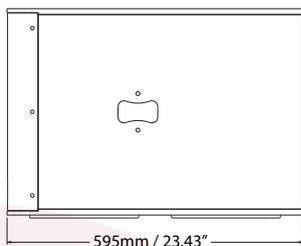


U15-Sub Data Sheet



Product type:	Compact 15" multipurpose subwoofer
Frequency response:	35 Hz - 150 Hz (-6 dB)
Power handling AES / peak (passive):	1000 W / 4000 W
Sensitivity 1 W / 1m:*	101 dB
Max. output peak:	133 dB
Amplification, cabinets per amplifier: (Optimum / Maximum)	LINUS10-C: 4/8 LINUS12C: 4/8 LINUS14D: 4/8
Components:	15" ultra low distortion woofer, 3" (77 mm) VC, 1000 W (AES)
Input connectors:	2x Neutrik™ NL4MP
Velocity sensors output (SUBS):	N/A
Nominal impedance LF / MF+HF:	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):	518 x 418 x 595 mm / 20.39 x 16.46 x 23.43" 518 x 424 x 595 mm / 20.39 x 16.69 x 23.43" (incl. hardware)
Net weight:	26 kg / 57.32 lbs

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



Other Related Products



HOPS8

Compact 2-way
High Output Point Source



CoRAY4

Compact 2-way
Column Line Source



LINUS12C

4-Channel DSP Amplifier with
Loudspeaker Management

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