

U4-Sub Data Sheet

U4-Sub

High Output Dual 18"
Multipurpose Subwoofer



The U4-Sub is equipped with twin extremely long excursion 18" ultra low distortion woofers. The strong motor delivers extreme high magnetic flux for increased efficiency.

The 4" voice coil is 32 mm high, ensuring ultra linear excursion of 20 mm / pp at consistent magnetic force.

The state-of-the-art carbon-fibre cone ensures maximum stiffness and low moving mass. Three aluminium shorting rings reduce intermodulation distortion, minimising induction variation whilst 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 U4-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.

The U4-Sub is perfectly suited as a sub-extension for G-Series, D-Series, CUE-Series and TiRAY, extending the system performance down to 30 Hz. Typical applications are dance clubs, theatres, houses of worship and live sound venues.

U4-Sub Features

- ⊕ Dual 18" ultra low distortion subwoofer
- ⊕ Extended frequency response: 30 Hz - 150 Hz (-6 dB)
- ⊕ Very high power handling: 2500 W (AES)
- ⊕ Maximum SPL 144 dB (peak)
- ⊕ Low power compression
- ⊕ System integration with LINUS Loudspeaker Management Amplifiers

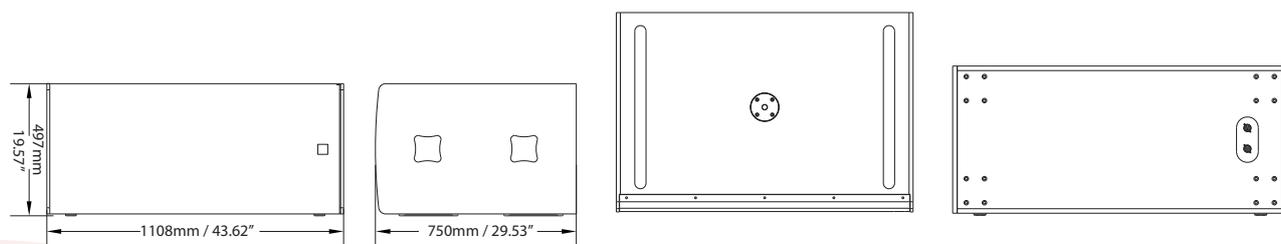


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|---|---|
| Product type: | High output dual 18" multipurpose subwoofer |
| Frequency response: | 30 Hz - 150 Hz (-6 dB) |
| Power handling AES / peak (passive): | 2500 W / 10000 W |
| Sensitivity 1 W / 1m:* | 104 dB |
| Max. peak SPL:** | 144 dB |
| Amplification, cabinets per amplifier: (Optimum / Maximum) | LINUS10-C: 4/4 LINUS12C: 4/4 LINUS14D: 4/4 |
| Components: | 2x18" ultra low distortion woofer, 4" (101.6 mm) VC, 1250 W (AES) each |
| Nominal impedance LF / MF+HF: | 4 Ω (+1/-1) |
| Input connectors: | 2x Neutrik™ NL4MP |
| Velocity sensors output: | N/A |
| Enclosure material: | Birch plywood |
| Finish: | Polyurea black coating |
| Suspension: | 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): | 1108 x 497 x 750 mm / 43.62 x 19.57 x 29.53 " |
| Net weight: | 77 kg / 169.76 lbs |

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



Other Related Products



TiRAY

Ultra Compact 2-way
Line Array System



G700-Series

3-way High Power Full
Range Multidesign



LINUS12C

4-Channel DSP Amplifier with
Loudspeaker Management

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