

N-SUB Data Sheet

N-SUB

Compact 15" Subwoofer
for N-APS



The N-SUB is a compact 15" high output subwoofer, weighing in at 28 kg. With high power handling of 1500 W, a maximum SPL of 139 dB (peak), this is a sub with guts - it reaches as low as 30 Hz.

Like CODA's N-APS, N-SUB benefits from Dynamic Airflow Cooling (DAC) - a revolutionary technology which allows the box to hit very high SPLs while staying completely cool - contrasting traditional sub behaviour, where applying more power generally increases the heat inside, resulting in compressed and distorted audio. In the N-SUB's case, all sonic clarity is retained - it simply gets louder. Much louder. When paired with N-APS, N-SUB takes the system right down to 30 Hz. As with all CODA boxes, N-SUB also benefits from an integrated one-pin rigging system, compatible with N-APS, for flyable or ground stackable arrays.

N-SUB Features

- ⊕ Compact 15" high output subwoofer
- ⊕ Light weight of 28 kg
- ⊕ Extended frequency range:
30 Hz - 150 Hz (-6 dB)
- ⊕ Power handling: 1500 W (AES)
- ⊕ Maximum SPL 139 dB (peak)
- ⊕ Dynamical Airflow Cooling (DAC) ensures exceptionally high sound pressure and low power compression
- ⊕ Integrated one pin rigging compatible with N-APS for flyable or ground stackable arrays
- ⊕ System integration with LINUS loudspeaker management amplifiers

State of the art neodymium cone driver. The N-SUB is equipped with a long excursion 15" ultra low distortion driver. A strong motor delivers extreme high magnetic flux, which makes it super efficient - its 4 inch voice coil ensures ultra linear excursion at a consistent magnetic force. The cone ensures maximum stiffness and low moving mass. Three aluminium shorting rings reduce induction variation, which in turn minimises intermodulation distortion whilst reducing thermal compression. Ultimately, this improves the overall sonic performance, resulting in a greater audience experience.

System solutions. The N-SUB is designed to work exclusively with CODA Audio LINUS Amplifiers as an integrated solution for DSP control, amplification, network remote control and diagnostics. The integrated solution ensures optimal performance and protection.

Primarily designed as a subwoofer extension for N-APS, the N-SUB is also suited for a variety of applications in touring and installations where compact size, high precision and deep, punchy bass is needed. Typical applications are dance clubs, theaters, houses of worship and live sound venues.

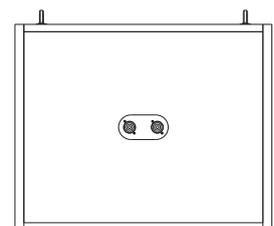
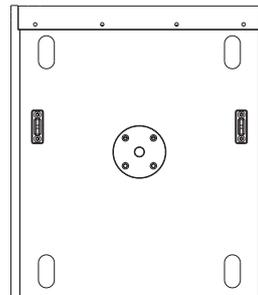
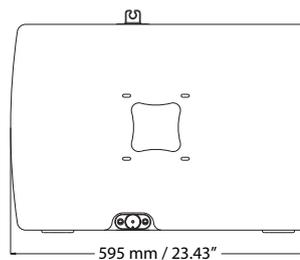
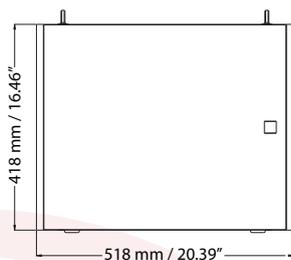


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Product type:	Compact 15" subwoofer for N-APS
Frequency response:	30 Hz – 150 Hz (-6 dB)
Power handling AES / peak (passive):	1500 W / 6000 W
Sensitivity 1 W / 1m:	N/A
Max. output peak:*	139 dB
Amplification, cabinets per amplifier (Optimum / Maximum):	LINUS10-C: 8/12 LINUS12C: 8/12 LINUS14D: 8/12
Components:	15" ultra low distortion woofers, 4" (101.6 mm) VC, 1500 W (AES)
Input connectors:	2x Neutrik™ NL4MP
Velocity sensors output:	N/A
Nominal impedance:	8 Ω (1+/1-)
Enclosure material:	Hybrid - Birch plywood and aluminium
Finish:	Polyurea coating
Suspension:	Integrated + M20 flange
IP rating options (IEC 60529):	Standard IP54
Weatherproof protection options:	Standard IP55: IP55 (Amphenol connectors) MG1 (Marine Grade 1): IP55
Dimensions (WxHxD):	518 x 418 x 595 mm / 20.39 x 16.46 x 23.43" 518 x 446 x 595mm / 20.39 x 17.56 x 23.43" (incl. hardware)
Net weight:	28 kg / 61.73 lbs

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



Other System Related Products



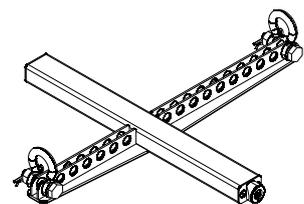
N-APS

Ultra Compact 2-way
Arrayable Point Source



LINUS12C

4-Channel DSP Amplifier with
Loudspeaker Management



ACCESSORIES

FRV N-APS
More: www.codaaudio.com

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