

APSi-SUB Data Sheet

APSi-SUB

18" Subwoofer for APSi



The APSi-SUB is an 18" high output subwoofer that provides powerful and extended low frequency response with immense headroom. Low port compression and optimised enclosure design give a tight, accurate bass response that is ideally suited for installation applications.

The APSi-SUB is equipped with an extremely long excursion 18" ultra low distortion driver. The strong motor delivers extreme high magnetic flux for increased efficiency. The 4" voice coil ensures ultra linear excursion of 20 mm / pp at consistent magnetic force.

The state-of-the-art carbon-fiber cone ensures maximum stiffness and low moving mass. Three aluminum 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 APSi-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.

APSi-SUB Features

- ⊕ 18" ultra low distortion woofer
- ⊕ Extended frequency range: 28 Hz – 150 Hz (-6 dB)
- ⊕ High power handling: 1,250 W (AES)
- ⊕ Maximum SPL 138 dB (peak)
- ⊕ Fully compatible with Array Keeper
- ⊕ System integration with LINUS DSP amplifiers



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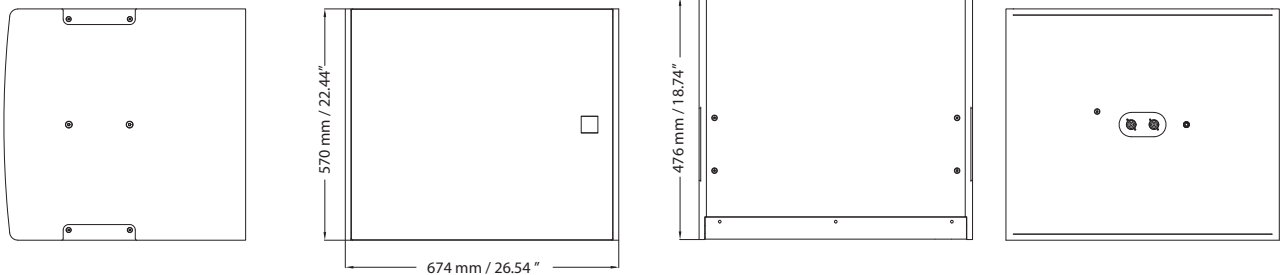


Product type:	Flyable 18" Subwoofer for APS
Frequency response:	28 Hz – 150 Hz
Power handling AES / peak (passive):	1250 W / 5000 W
Max. output peak:	138 dB**
Amplification, cabinets per amplifier: (Optimum / Maximum)	LINUS14/D Optimum / Maximum: 8/12 LINUS12C Optimum / Maximum: 8/12 LINUS 6.4 i/D SE Optimum / Maximum: 4/8 LINUS 6.4 i/D BTL Optimum / Maximum: 2/4 LINUS-V908 SE Optimum / Maximum: 8/16 LINUS-V908 BTL Optimum / Maximum: 4/8 LINUS-V1804 SE Optimum / Maximum: 4/8
Components:	18" ultra low distortion woofer, 4" (101.6 mm) VC, 1250 W (AES)
Input connectors:	2x Neutrik™ NL4MP
Velocity sensors output:	N/A
Nominal impedance:	8 Ω (1+/1-)
Enclosure material:	Baltic birch
Finish:	Polyurea coating
Suspension:	Rigging plates***
IP rating (IEC 60529):	IP54
Weather protection options:	Standard IP55: IP55 (direct cable) MG1 (Marine Grade 1): IP55
Dimensions (WxHxD):	674 x 570 x 596 mm / 26.54 x 22.44 x 23.46"
Net weight:	45.5 kg / 100.31 lbs

* Measured with pink noise 12dB Crest Factor (A-Weighted).

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*** Array Keeper System Blockplates, customizable



Other APSi System Products



APSi Series

Compact 3-way Arrayable
Point Source

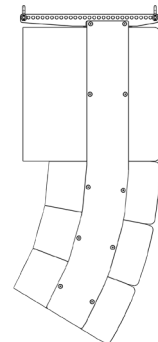
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LINUS6.4

4-Channel Installation DSP Amplifier
with Loudspeaker Management



ACCESSORIES

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a full list of APSi accessories

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