

APS Data Sheet

APS

Compact 3-way Arrayable Point Source



The APS is a compact, 3-way arrayable point source loudspeaker, designed for small and medium-sized venues where a flexible, scalable, and powerful solution is required.

The APS incorporates pioneering CODA Audio technologies. Featuring a 9" Dual Diaphragm coaxial Curved wave driver (DDC) and APS-COUPLER. APS is highly efficient and operates as a single point source with a true coherent 20° wave front with horizontal directivity control and linear phase response. Two 10" high-excursion ultra-low distortion neodymium drivers offer reduced power compression, with carbon fibre diaphragms providing increased stiffness and reduced moving mass, for efficient and accurate bass reproduction down to 50 Hz.

APS Features

- ⊕ Linear phase response
- ⊕ Frequency range: 50 Hz to 22 kHz
- ⊕ Power handling: 1200 W (AES)
- ⊕ Unique 9" DDC (3.5" + 1.75" VC)
- ⊕ Dual 10" neodymium ultra low distortion cone drivers
- ⊕ APS-COUPLER ensures a coherent and uniform wavefront that performs as a single source and provides directivity control over a wide frequency range
- ⊕ System integration with LINUS DSP Amplifiers

Mounted horizontally, each APS cabinet provides a fixed 20° vertical coverage and can be flown with additional APS cabinets and APS-SUB in vertical arrays. Mounted vertically, each APS cabinet provides a fixed horizontal coverage of 20°. Up to 18 cabinets can be flown to provide up to 360° of horizontal coverage. The APS has user-selectable coverage featuring flexible symmetrical configurations of 20°x 60°, 90°, and 120°, and asymmetrical configurations of 20°x 75°, 90°, 100° and 105°.

When paired with APS-SUB, the operating frequency range of the APS System extends down to 28 Hz. With the addition of a 2-point rigging thread distance mount, APS-SUB can be used as a base for groundstacked pole-mounted APS arrays, to form a powerful and lightweight mobile system that requires no motors or trusses.

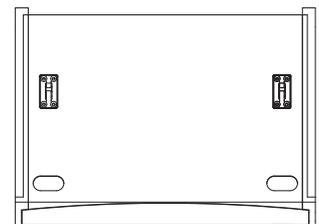
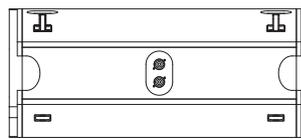
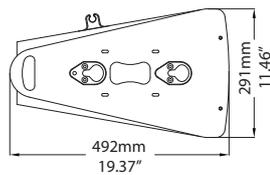
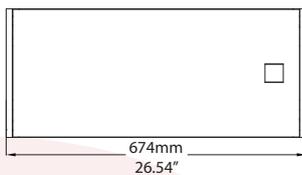


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Product type:	Compact 3-way Arrayable Point Source
Frequency response:	50 Hz - 22 kHz (-6 dB)
Power handling AES / peak (passive):	1200 W / 4800 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL:*	Low: 137 dB Mid/High: 146 dB
Amplification, cabinets per amplifier (Optimum / Maximum):	LINUS10-C: 8/12 LINUS12C: 8/12 LINUS14D: 8/12
Dispersion horizontal:	120°, 90°, 60° or 105 (45°+60°); 90° (30°+60°); 75° (30°+45°)
Dispersion vertical:	20° to 360° in 20° steps
Components Low frequency:	2x 10" neodymium, water-resistant cones 3" (77 mm) VC, 600 W (AES) each
Components Mid/High frequency:	9" neodymium DDC MF: 3.5" (90 mm) VC, 150 W (AES) HF: 1.75" (44.4 mm) VC, 80 W (AES)
Crossover point:	500 Hz; 6300 Hz passive
Input connectors:	2x Neutrik™ NL4MP
Nominal impedance LF / MF+HF:	8 Ω (2+/2-)
Enclosure material:	Birch plywood
Finish:	Polyurea black coating
Suspension:	Integrated
IP rating (IEC 60529):	Standard IP54
Weatherproof options:	Standard IP55 (Amphenol connectors) MG1 (Marine Grade 1); IP55
Dimensions (WxHxD):	674 x 291 x 492 mm / 26.54 x 11.46 x 19.37"
Net weight:	27 kg / 59.5 lbs

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



Other APS System Products



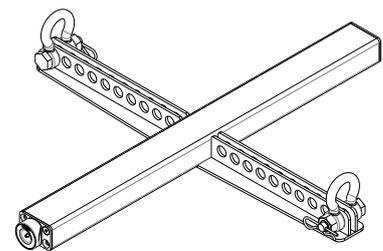
APS-SUB

Flyable, High-Output Subwoofer



LINUS14/14D

4-Channel DSP Amplifier with
Loudspeaker Management



ACCESSORIES

Visit www.codaaudio.com for
a full list of APS accessories

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