

# 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.

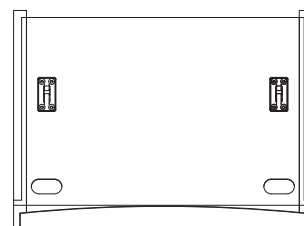
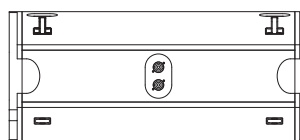
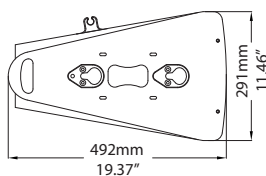
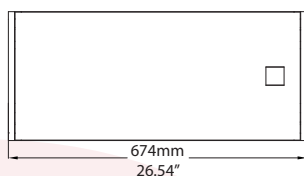


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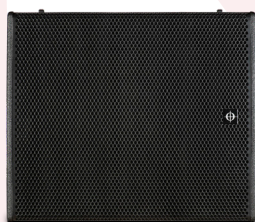


Product type:	Compact 3-way Arrayable Point Source
Frequency response:	50 Hz - 22 kHz (-6 dB)
Power handling AES / peak (passive):	1200 W / 4800 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL:*	Low: 137 dB Mid/High: 146 dB
Amplification, cabinets per amplifier (Optimum / Maximum):	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



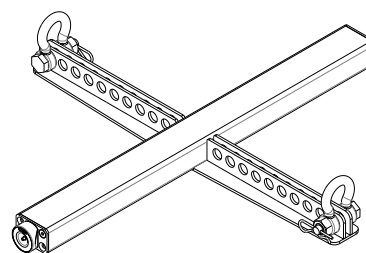
### APS-SUB

Flyable, High-Output Subwoofer



### LINUS14/14D

4-Channel DSP Amplifier with  
Loudspeaker Management



### ACCESSORIES

Visit [www.codaaudio.com](http://www.codaaudio.com) for  
a full list of APS accessories

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