N-APS

Ultra-compact Arrayable Point Source Loudspeaker

The N-APS is an ultra compact 2 x 6.5", 2-way arrayable point source that combines the versatility of a point source with the perfect arrayability of a line array, creating a unique category reinforcement system for small to medium size venues.

With the latest in driver and system design technology, N-APS delivers twice the power handling and SPL as well as significantly more low-end comparing to other systems.

It combines the ultra high-fidelity sound with large dynamic range, incredible flexibility and variable horizontal directivity of 60°, 120°, 60° or asymmetrical configurations of 105° (45°+60°), 90° (30°+60°) and 75° (30°+45°). Mounted vertically, each N-APS cabinet provides a fixed coverage of 20° (one cabinet), 40° (two cabinets), 60° (3 cabinets) etc. up to 360° (18 cabinets).

Dynamic Airflow Cooling (DAC). Putting that immense amount of power into a compact enclosure required a new enclosure design and a new thermal concept. The N-APS front baffle and vents are made of aluminium with all drivers mounted into it. The aluminium vents are optimised to maximise airflow increasing the thermal capacity of the system.

Applying more power increases the airflow in the vents conducting more heat away from the drivers and distributing that heat outside the enclosure. The DAC technology dramatically improves heat dissipation increasing twice the power handling and the maximum sound pressure of the system.

Ring Diaphragm Curved-wave-driver (RDC). At the heart of N-APS is a string of patented technologies, the unique RDC – similar to CODA's planar wave driver, but with a bit of a twist, in that the wavefront is curved at 20°. This ultimately means there is little distortion, and no reshaping required, so it offers extraordinary sonic precision. As a result, when you put more N-APS together, they perform as one single cabinet, with no interference whatsoever.

Low Frequency drivers. Four aluminium shorting rings reduce induction variation, minimising intermodulation distortion whilst reducing thermal compression. This design dramatically reduces IM distortion and improves the overall sound quality and performance.
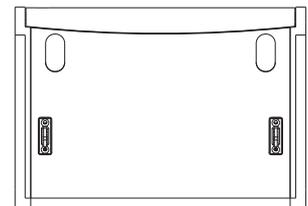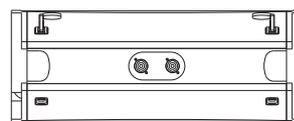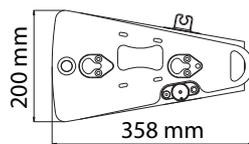
N-APS Features

⊕ Light weight of 12.2 kg

⊕ Unique 6" Ring Diaphragm Curved-wave-driver (RDC)

⊕ Dual 6.5" neodymium ultra-low distortion cone drivers

⊕ N-APS Instafit Magnetic Coupler sums the energy from all transducers to perform as a single source

⊕ Dynamical Airflow Cooling (DAC) ensures exceptionally high sound pressure and low power compression

⊕ System integration with LINUS loudspeaker management amplifiers

⊕ Frequency range: 60 Hz – 20 kHz (-6 dB)

⊕ Subwoofer extension down to 30 Hz with N-SUB

CODA
CODA AUDIO

Product type:	Ultra Compact Arrayable Point Source
Dimensions (WxHxD):	N/A
Dimensions including hardware (WxHxD):	518 x 200 x 358 mm / 20.39 x 7.87 x 14.09"
Net weight:	12.2 kg / 26.9 lbs
Frequency response:	60 Hz – 20 kHz (-6 dB)
Power handling AES / peak (passive):	1000 W / 4000 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL (with LINUS14):*	139 dB
Dispersion horizontal:	60°, 90°, 120° or asymmetrical 75°=30°+45°, 90°=30°+60°, 105°=45°+60°
Dispersion vertical:	20°
Components Low frequency:	2x 6,5" neodymium, water resistant cones, 2" (50.8 mm) voice coil, 500 W (AES) each
Components Mid/High frequency:	6" / 20° RDC, 1,75" (44.4 mm) voice coil, 80 W (AES)
Crossover point:	900 Hz passive
Input connectors:	2x Neutrik™ NL4MP
Nominal impedance LF / MF+HF:	12 Ohm (2+/2-)
Enclosure material:	Hybrid - Birch plywood and aluminium
Suspension:	Integrated

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

200 mm

518 mm

358 mm

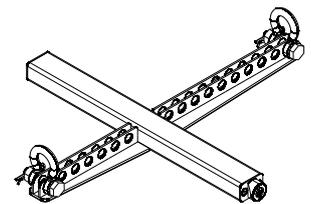## Other System Related Products

N-SUB
Compact High Output Subwoofer

LINUS10-C
4-Channel Loudspeaker
Management Amplifiers

Accessories
FRV N-APS

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