

CODA Audio APS-Pro Series



CODA Audio has announced the launch of APS-Pro. The APS-Pro Series comprises two models. APS-Pro-D has a 10° cabinet angle for long throw and high granularity of control, whilst APS-Pro-S has a 30° cabinet angle for short throw and wide near field coverage. Developed from the successful APS series, APS-ProS and APS-Pro-D are compact, 3-way, arrayable point source loudspeakers, designed for small and medium sized venues where a powerful and scalable solution is required. These latest CODA Audio additions bring unparalleled versatility to the sector by allowing for a perfect blend of precision and coverage.

Both models deploy new versions of CODA Audio's Dual Diaphragm Coaxial Curved Wave Driver (DDC) for mid/high frequency. These new drivers are built to generate the appropriate 10° and 30° wavefronts at source, without having to rely on waveguides or flares. The dual 10" low frequency drivers are mounted on an aluminium baffle - CODA's Dynamic Airflow Cooling (DAC). DAC allows for higher power handling and more headroom at low frequencies, giving higher sound pressure levels for longer, without power compression. Each cabinet has an unprecedented AES power rating of 1400W and a peak SPL a of 144dB (A weighted) per cabinet. Low frequency extends to 50Hz at -6dB - all from an enclosure that weighs only 27kg.

APS-Pro's output directivity is controlled by a magnetic Instafit APS-Coupler which combines all the elements of the loudspeaker into a single, pattern-controlled

CODA Audio launches APS-Pro Series

Tuesday, 04 February 2025 12:16

wavefront. With quick release grilles that require no tools, the new Couplers allow quick and easy changes to coverage angles, enabling the flexibility to adapt to different venue layouts and requirements.

Mounted horizontally APS-Pro-D and APS-Pro-S respectively provide 10° and 30° vertical coverage and can be flown singly or with additional APS-Pro cabinets in vertical arrays to match a system's output to any requirement. Horizontal coverage can be changed between 60°, 90°, and 120°, and asymmetrical configurations of 75°, 90°, 100°, and 105° by using different Instafit coupler configurations. Mounted vertically APS-Pro-D and APS Pro-S respectively provide a fixed horizontal coverage of 10° and 30°, with variable dispersion now being in the vertical plane.

The ability to mix and match APS-Pro-D and APS-Pro-S models within a system provides the ultimate in precise coverage, sound quality, and ease of use. Seamless integration of the two models is achieved without the need for additional amplifier channels. With the capacity to drive three units per amplifier channel, it is possible to drive twelve units using a single CODA Audio LINUS DSP amplifier, ensuring optimal efficiency.

Visitors to ISE Barcelona will be able to discuss the unparalleled versatility of APS-Pro with CODA Audio representatives in demo room D8 and at booth 7A700.

www.codaaudio.com