

SCP



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High output sensor controlled subwoofer

- 2 x 18" extreme high excursion woofers
- The integrated velocity sensor measures the voice coil movement
- Extended frequency range to 25 Hz (-6 dB)
- Omni or cardioid configurations
- Ultra low distortion
- Fast transient response, the upper and the ultra low frequency are time aligned
- System components: RC20 Rack, RC40 Rack, AIRLINE LA8, AIRLINE LA8-SUB, G700-Series, CUE-Series

The Coda Audio award winning sensor controlled technology is extended with the SCP-Series subwoofers. Combining a closed feedback-loop control with large, low noise laminar flow ports the SCP subwoofer offers increased output and well controlled response. This technology surpasses that of conventional subwoofers offering measurable and clearly audible advantages in the impulse response, group delay, waterfall and the distortion domain. In fact the range 35 – 100 Hz is time aligned while the group delay increases slightly in the range 25 – 35 Hz. The reduced group delay results in extremely accurate and musical bass reproduction. The sound quality is far beyond that of conventional port loaded systems.

The SCP is a sensor controlled subwoofer incorporating double 18" woofers in a compact, vented enclosure. The drivers contain an integrated velocity sensor that measures the diaphragm movement in real time, compares it with the input audio signal and adjusts the amplifier driving voltage and/or current, correcting any driver inaccuracy. It is a self-optimizing, closed feedback-loop in which the driver confirms precisely the power it needs to accurately reproduce the original audio signal. The key advantage is a very extended and controlled response. Any distortion pro-



duced by the driver or the enclosure is instantly corrected by the feedback.

Application: The SCP is perfectly suited as a subwoofer for AIRLINE LA8, G700-Series and CUE-Series, extending the system performance down to 25Hz. Typical applications are touring sound, theaters, houses of worship, dance clubs and live sound venues.

TECHNICAL SPECIFICATIONS SCP

Type:	Sensor controlled subwoofer
Application:	High output subwoofer
Frequency response:	25 Hz (-6 dB)
Power handling (AES / peak):	3000 W / 12000 W
Sensitivity 1 W / 1 m:*	103 dB
Maximum output peak:**	144 dB
Components:	2 x 18" neodymium ultra low distortion woofers, 4" (101.6 mm) voice coil, 1500 W (AES) each
Nominal impedance:	4 Ohm, +1 / -1
Input connectors:	2 x NeutrikTM NL4MP
Velocity sensors output:	1 x NeutrikTM 3-pol XLR
Suspension:	optional
Enclosure material:	Baltic birch
Finish:	Textured black Paint
Dimensions:	1190 x 547 x 790 mm
Net weight:	95 kg

* Half-space loading

**Measured with pink noise 6 dB crest factor

ACCESSORIES

- DOT SCP Transport dolly for up to 4 units SCP
 CAH SC-20 Hybrid speaker and sensor system cable for SC subwoofers, 20 m
 CAHY-2 Hybrid Y-cable for SCP subwoofers