SCP Data Sheet

2 x 18" extreme high excursion woofers, Integrated velocity sensor measures the voice coil movement

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 perfectly suited as a subwoofer for G700-Series, CUE-Series, AIRAY and ViRAY compact line array systems, extending the system performance down to 25 Hz. Typical applications are touring sound, theaters, houses of worship, dance clubs and live sound venues. It is a sensor controlled subwoofer incorporating double 18-inch 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-optimising, 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 produced by the driver or the enclosure is instantly corrected by the feedback.

SCP Features

- 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
- LINUS RACKS provide integrated DSP, power and feedback loop control solutions

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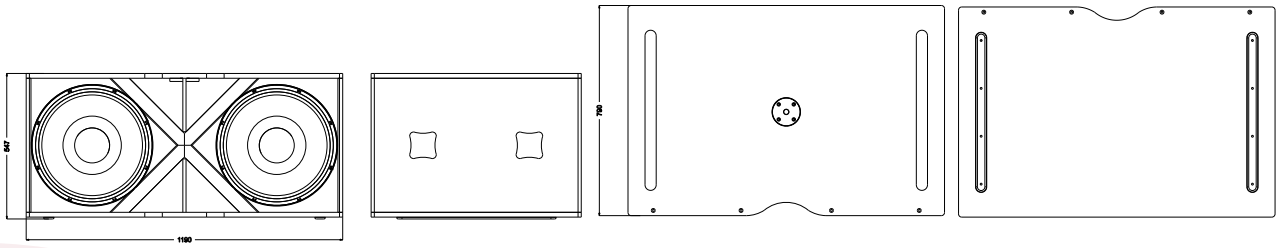
Product Type	Sensor controlled subwoofer
Dimensions (WxHxD):	1190 x 547 x 800 mm / 46.85 x 21.54 x 31.1″
Dimensions Including Hardware (WxHxD):	N/A
Net Weight	95 kg / 209.44 lbs
Frequency Response	25 Hz – 120 Hz (-6 dB)
Power handling AES / peak (passive):	3000 W / 12000 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL (with LINUS10):*	144 dB
Dispersion Horizontal:	N/A
Dispersion Vertical:	N/A
Components Low frequency:	2 x 18″ neodymium ultra low distortion woofers 4″ (101.6 mm) voice coil, 1500 W (AES) each
Components Mid/High frequency:	N/A
Crossover point:	N/A
Input Connectors:	2 x Neutrik TM NL4MP (rear) +1 x Neutrik TM NL4MP (front)
Nominal impedance LF / MF+HF:	4 Ohm (+1/-1)
Enclosure material:	Birch plywood
Suspension	N/A

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



Other Related Products

ViRAY
Compact, 3-Way Symmetrical Line Array System

AiRAY
High output line array system

LINUS T-RACK
12 Channel Touring Rack

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