



# technical specifications CB181SL

## general

- single 18" long-excursion woofer with vented-spider
- space-economic design: cabinet depth only 11"/27.5cm
- lowest usable frequency 22Hz.
- power handling 1.000W RMS, 6.000W peak
- SIS pre-wired for very high damping and speaker cable compensation (with ALC)
- large, side-placed vents for improved flow capacity without moving the screen
- dedicated (excursion) protection in combination with SDP modules (with ALC)

## description

The CB181sl is a direct-radiating, ultra-slim subwoofer system for cinema applications. Featuring a single 18" long excursion woofer with 4" voice-coil, together with the large bass-reflex vents, the CB181 delivers sustained, fundamental sub-bass output.

The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the CB181sl and ALC controller-amplifier. Especially with the typical long speaker cables and the subwoofer system's possible low impedance, the effect of Signal Integrity Sensing is remarkable;



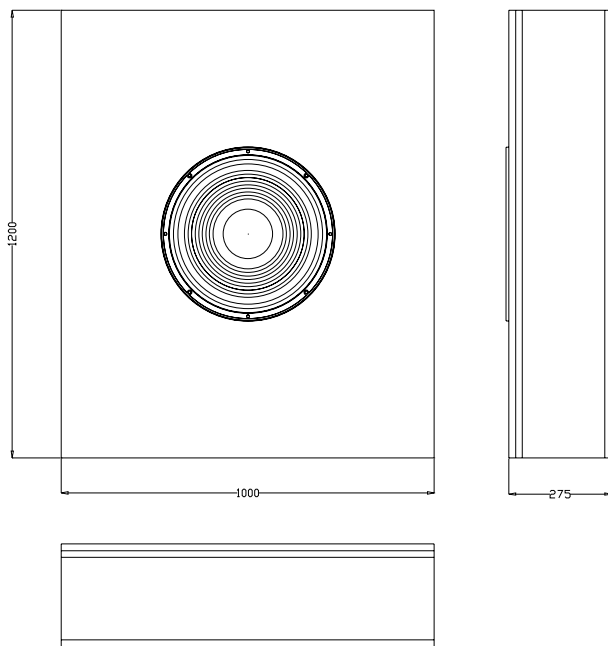
Really tight and accurate reproduction for even the lowest octaves.

The enclosure design provides for stacking, flying or wall-mounting. The side-oriented reflex vent enables the cabinet to be closely mounted behind the screen without chance of screen resonance. Typical applications for the CB181sl include cinema subwoofer or sub-bass extension of general sound systems, used in multiples depending of low frequency requirements.

For full system performance, we recommend using the CB181sl in combination with an ALC amplifier/controller. Driven by the ALC, the CB181sl not only delivers maximum sound quality and output power, but is also inaudibly protected against over-excursion (SDP circuit), which is a typical challenge for cinema subwoofer systems.

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## dimensional drawing



## technical specifications

Frequency Response	
+/- 3 dB	46 Hz - 150 Hz
+/- 10 dB	22 Hz -
Sensitivity (SPL 1W/M)	98 dB
Nominal Impedance	8 ohms
Maximum RMS power	1000 W (AES)
Maximum peak power	6000 W
SPL program/peak	128/136 dB
Dispersion H x V	omni

## physical specifications

System	subwoofer, front loaded	
Driver LF	1 x ALW18.4 18", side vented	
Cross-over frequency HP	25 Hz. recommended	
Connectors	2 x Speakon NL4 input	
Physical dimensions	mm	inches
Height	1200	47.2
Width	1000	39.4
Depth	275	10.8
Weight (approx.)	72 kg	(159 lb)
Warranty	6 years limited	

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