



technical specifications CRMS-LFE18sl

general

- Reference-quality LFE subwoofer system
- Space-economic design: cabinet depth only 10.8"/275mm
- Extended in-room frequency response down to below 10 Hz
- Superb impulse response for most realistic sound experience
- Single 18" extreme-excursion woofer with dual 3" voice-coils
- SIS™ pre-wired for very high system damping factor (10.000)



description

The CRMS-LFE18sl is a slim-sized reference subwoofer system for very demanding listening applications, delivering a super accurate bass and sub response for a maximum quality audible and sensible performance.

Specific attention has been paid to obtain a linear response in the operating bandwidth, while handling ultra-low frequency transients with maximum control.

The 18" custom-designed woofer features a large motor structure with dual 3" voice-coils offering an extreme excursion of 30 mm / 1.2-in. resulting in a 10 dB more excursion capability than a traditional (pro) 18" woofer. *(not included in SPLpeak spec).*

The direct-radiating transducer mounted in the internally-stiffened, sealed cabinet enables an in-room response below 10 Hz; The superb impulse response is a perfect match with the ultra-fast transient response of the Alcons pro-ribbon systems. The 4 ohms impedance caters for maximum amplifier efficiency.

The ultra-slim enclosure design provides for stacking, flying or wall- and ceiling-mounting in even the smallest of spaces; For this, the cabinet is equipped with M10 mounting points.

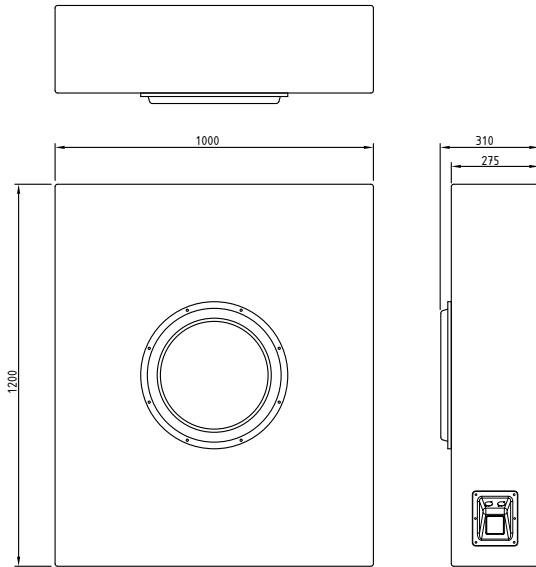
For full system performance, the CRMS-LFE18sl is to be driven and controlled by the ALC amplified loudspeaker controller, to deliver the most accurate reproduction for even the lowest octaves, to bring the most realistic experience of speech, music and effects. The integrated factory presets in the drive processor of the ALC offer optimisation settings, as well as VHIR™ processing for perfect phase-matching with an Alcons pro-ribbon system.

The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the CRMS-LFE18sl and ALC, significantly increasing response accuracy and reducing both linear and non-linear distortion to an absolute minimum, regardless of cable length and system impedance.

Typical applications include LFE system for quality-conscious post-production facilities and mastering suites, high-end mix/screening rooms, recording studios and premium home theatres.

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dimensional drawing



technical specifications

Frequency response	30 Hz -	(+/- 3 dB)
	21 Hz -	(+/- 10 dB)
100 dB boundary frequency	11 Hz	
Sensitivity nominal	88 dB (40 Hz - 100 Hz)	
Nominal impedance	4 ohms	
Recommended drive	Sentinel3 min., max. 2 pcs. per channel (2 ohms)	
Nominal SPL peak	117 dB (Sentinel3 40 Hz - 100 Hz)	
	122 dB (Sentinel10 40 Hz - 100 Hz)	
Dispersion H x V	omni	

physical specifications

System	subwoofer, front-loaded	
Drivers LF	1x AW18.32-4 18" sealed	
Connectors	2x Speakon NL4 input/link	
Physical dimensions	mm	inches
Height	1200	47.2
Width	1000	39.4
Depth	310	12.2
Weight	kg	lb
	79	174,2
Warranty	6 years limited	

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