



technical specifications CRMSmkII

general

- Reference-quality sound reproduction system with fully matched components
- 1:1 non-compressed linear response, with up to 90% less distortion
- 4" pro-ribbon HF driver with exceptional intelligibility and 1:16 dynamic output
- Unique hybrid front- /surround-system design for uniform sound stage
- SIS™ pre-wired for very high system damping and further reduced distortion
- Shallow system design (32cm / 12.6-in.) for space economic mounting

description

The CRMS Cinema Reference Monitor System is a 3-way sound system, offering the most natural Digital Cinema and HD audio sound reproduction possible.

Featuring the patented RBN401 pro-ribbon driver, the CRMS combines a remarkable clarity and intelligibility, with a unusually high headroom SPL. The Alcons pro-ribbon drivers have up to 90% less distortion than any conventional mid/high transducer, while the very high peak power handling offers a 1:16 RMS-to-peak ratio, enabling maximum screen compensations without any audible stress on the driver.

The patented horizontal dispersion of the RBN401 extends the stereo-imaging to a larger number of seats in the auditorium; Due to the "compression-less" principle of the pro-ribbon transducer, the system has a linear response at any SPL.



Each CRMS system consists of a separate mid-high frequency section, featuring one RBN401 4" pro-ribbon driver HF with non-vented 8" MF and vented 15" low frequency section with low power-compression 4" voice-coil design.

A matching surround system with identical MF/HF components is available, for perfect screen/surround blending, resulting in a very uniform sound stage.

For full system performance, the bi-amped CRMS is to be driven by two channels of ALC controller-amplifier, delivering maximum sound quality and utmost operation reliability. The 4 ohms system impedance offers maximum amplifier efficiency.

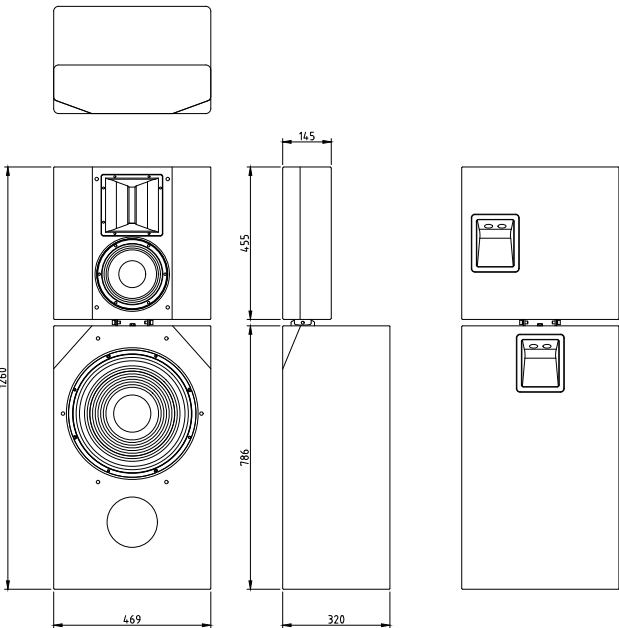
The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the CRMS and ALC, significantly increasing response accuracy, regardless of cable length and system impedance, with tight and accurate mid and bass response as result.

The combination of the outstanding sound reproduction quality and the digital dynamics

capability, make the system the ideal choice for high-end mix/screening rooms, post-production facilities, dubbing stages and quality-conscious Home Cinemas with a room depth less than 20m/60ft. As a result of Alcons' tight manufacturing standards, all system cabinets are within “matched pair” tolerance.

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dimensional drawing



technical specifications

Frequency response	42Hz - 20.000 Hz	(+/- 3 dB)
	34 Hz -	(+/-10 dB)
Sensitivity nominal	97 dB (42 Hz - 200 Hz)	
	100 dB (200 Hz - 10 kHz)	
Nominal impedance	4 ohms LF + 4 ohms MHF	
Recommended drive	Sentinel3 min.	
Nominal SPL peak	126 dB (Sentinel3 42 Hz - 200 Hz)	
	126 dB (Sentinel3 200 Hz - 10 kHz)	
	131 dB (Sentinel10 42 Hz - 200 Hz)	
	132 dB (Sentinel10 200 Hz - 10 kHz)	
Dispersion	H 90° (@ 20 kHz) x V 40° (line-source)	

physical specifications

System	3-way, full-range	
Filtering	2-way active	
Drivers LF (CRMS sub)	1x AW15.4 15", vented	
Drivers MF (CRMS top)	1x AMB8 8" non-vented	
Drivers HF (CRMS top)	1x RBN401 4" pro-ribbon driver	
Connectors	2x Speakon NL4 input/link	
Physical dimensions CRMS LF	mm	inches
	Height	786 30.9
	Width	469 18.5
	Depth	320 12.6
Physical dimensions CRMS MF/HF	mm	inches
	Height	455 17.9
	Width	469 18.5
	Depth	145 5.7
Weight (approx.) CRMSmkII	41,2 kg	80.5 lb
Warranty	6 years limited	

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