



technical specifications CR5

general

- RBN pro-ribbon HF section with flat SPL coverage and very precise projection
- First true cinema system with completely utilizing line-source technology
- Shallow system design (35cm/13,7") for space economic mounting
- SIS pre-wired for complete long cable-compensation (with ALC) between speaker and amplifier
- Large LF section with 4" voice-coils and tri-amp system filtering for maximum output
- Digital Cinema ready, with non-compressed reproduction and extended dynamic range

description

The CR5 is a 3-way sound system, designed to meet all requirements of current and future (Digital) Cinema sound formats.

Featuring the patented Alcons pro-ribbon driver technology, with triple RBN401 pro-ribbon HF driver array, the CR5 is designed for applications where very high output with maximum quality cinema sound reproduction is needed. It is recommended for 500+ seat theatres.

By implementing line-source technology throughout the entire system (an industry first), the normal (-6dB step) reduction of SPL coverage from front to rear is reduced; this "proximity" effect dramatically



improves the cinema experience for the audience further away from the screen. The precise projection also prevents unwanted ceiling reflections.

The CR5 HF section has a 2400W peak power input, offering a 1:16 dynamic range with up to 90% less distortion from 1kHz. to beyond 20kHz. The patented Real-90 horizontal dispersion widens the stereo experience for far left and right seated audience.

The CR5 is only available with tri-amp filtering for absolute maximum system output.

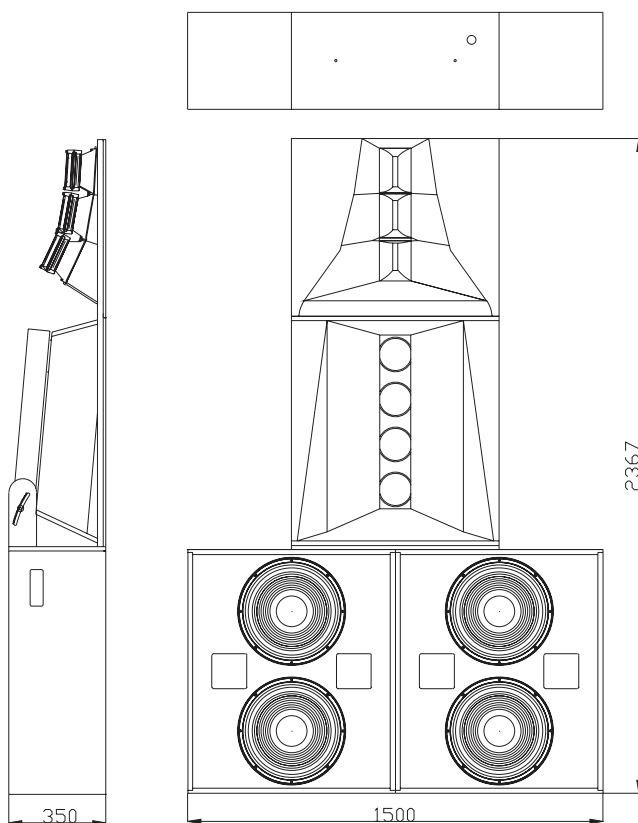
The SignalIntegritySensing™ pre-wiring ensures com-

plete (long!) cable/connector compensation between CR4 and ALC, significantly increasing response accuracy and further reducing distortion.

The (industry's most) shallow enclosure design of only 35cm/13,7" provides for flexible mounting, claiming only a minimum of space behind the screen.

For full system performance, it is strongly recommend using the CR5 in combination with an ALC4 amplifier/controller. Driven by the ALC, the CR5 delivers maximum sound quality with increased headroom under dedicated equalisation and inaudible (power and excursion) protection (SDP circuit).

dimensional drawing



technical specifications

Frequency Response	
+/- 3 dB	43 Hz - 20.000 Hz
+/- 10 dB	32 Hz -
Sensitivity (SPL 1W/M) / nominal LF	103 dB / 103 dB
MF	106 dB / 108 dB (tri-amp)
HF	104 dB / 106 dB (tri-amp)
Nominal Impedance LF	4+4 Ohm
MF	4 Ohm (tri-amp)
HF	4 Ohm (tri-amp)
MF/HF	4 Ohm (bi-amp)
Maximum power RMS / peak LF	4000 Watt / 16000 Watt
MF	720 Watt / 1600 Watt
HF	150 Watt / 2400 Watt
SPL program / peak (nom.) LF	139 / 147 dB
MF	137 / 140 dB
HF	128 / 140 dB
Dispersion H x V	90° x 36° down to 250 Hz

physical specifications

System	3-way, full-range	
Filtering	LF active, MF/HF passive or LF, MF, HF active	
Drivers LF	4x AW15.4 15", vented	
Drivers MF	4x AM65ND 6.5"	
Drivers HF	3x RBN401 4" ribbon driver	
Cross-over frequencies	250 Hz and 1000 Hz	
Connectors	3x Speakon NL4 input	
Physical dimensions	mm	inches
Height	2366	93.1
Width	1500	59.0
Depth	350	13.8
Weight (approx.)	145 kg	(319 lb)
Warranty	6 years limited	

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