

Experiencing cinema
as it is intended!

Alcons Cinema Series

From the most delicate whispers to even the largest explosions, the Alcons Cinema Series sound systems fully engages you in the movie; Speech, music and effect are reproduced with finest detail, fullest dynamics and lowest distortion. It's experiencing instead of hearing; Life-like, just as it is intended!



"Alcons offers a unique combination of clarity, low distortion and dynamic range of the finest studio monitors with the output of a cinema loudspeaker."

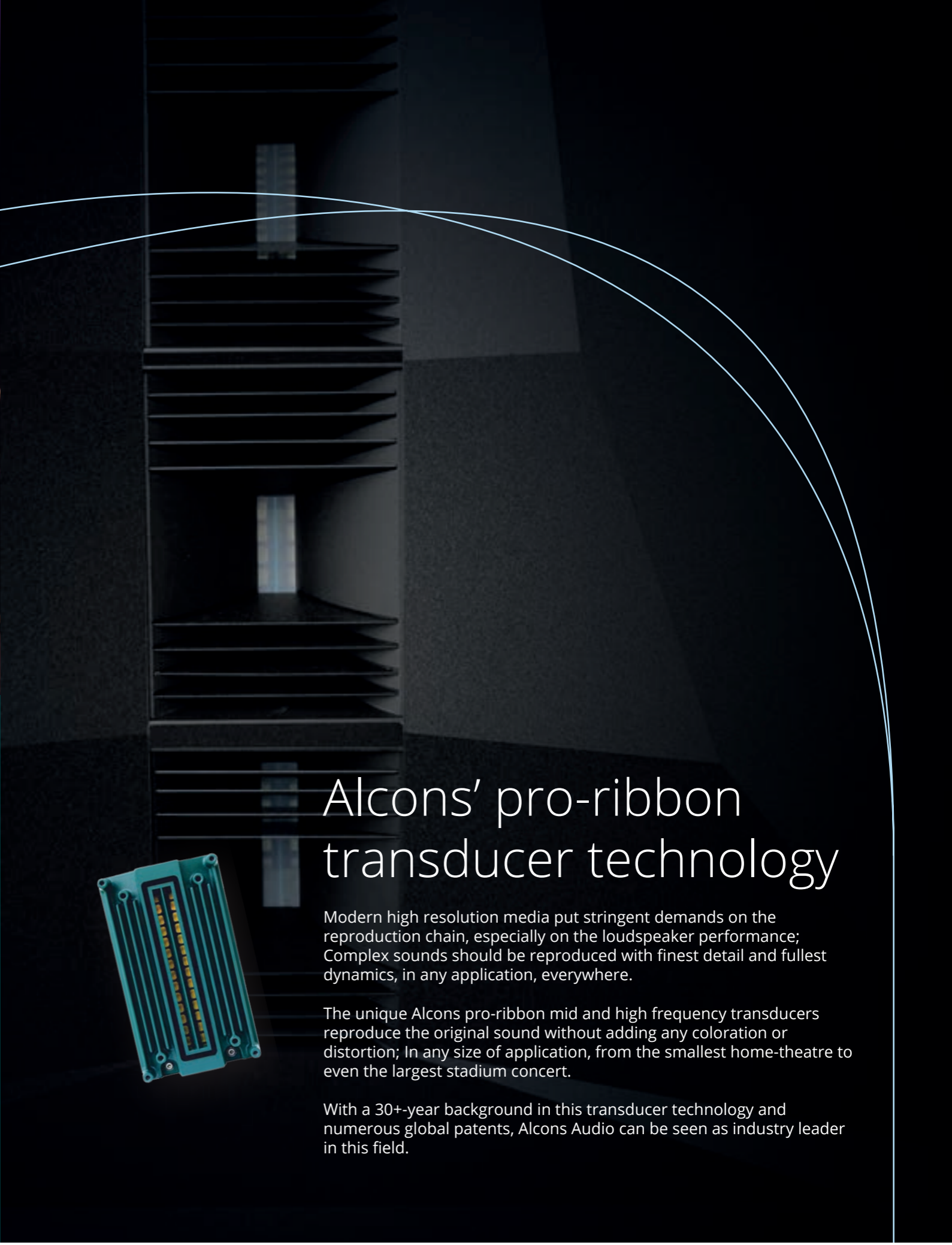
Laurence Claydon - Cinefilm
NBC Universal screening rooms

The Cinema Series

Alcons Audio now brings an evolutionary cinema sound system program, with speakers, amplifiers and dedicated processing.

Alcons Audio's R&D team has taken up the challenge to design new sound solutions from the ground-up to bring the cinematic experience to a whole new level.

In order to achieve this, new technologies have been developed; Proprietary and multiple-patented pro-ribbon transducer technology with unprecedented clarity and ultra-low distortion; dynamic cable compensation between amplifier and loudspeaker; dedicated speaker drive processing from the DSP amplifier; space economic system depths; All to deliver the ultimate cinema experience to any size audience, big or small.



Alcons' pro-ribbon transducer technology

Modern high resolution media put stringent demands on the reproduction chain, especially on the loudspeaker performance; Complex sounds should be reproduced with finest detail and fullest dynamics, in any application, everywhere.

The unique Alcons pro-ribbon mid and high frequency transducers reproduce the original sound without adding any coloration or distortion; In any size of application, from the smallest home-theatre to even the largest stadium concert.

With a 30+-year background in this transducer technology and numerous global patents, Alcons Audio can be seen as industry leader in this field.

HiFi sound quality with digital dynamics

1:1

Input = Output

The C-series systems deliver a 1:1 reproduction of the original source, with all speech, music and effect information as recorded in the studio by the engineer.



Crystal clear mid/highs

The RBN pro-ribbon drivers have up to 90% less distortion, offering crystal clear imaging and detailed intelligibility, without any listening fatigue.

SIS™

Tight and accurate lows

The SIS (Signal Integrity Sensing™) circuit dynamically compensates for influences of long speaker cable lengths, resulting in powerful and fast bass and sub response.



"The Alcons system with its high-resolution, direct and clearly perceived sound image truly convinces."

Tammo Buhren
CEO of zweiB



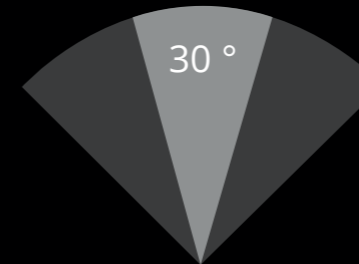
"The new Alcons sound system has also impressed our discerning audience instantly."

Johannes Wachs - Berlinale Festival Manager

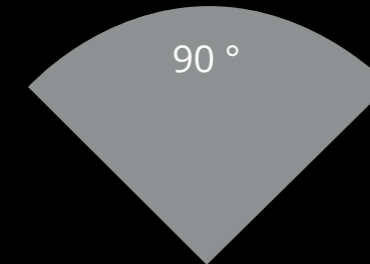


Very wide stereo-sweet spot

The patented horizontal dispersion of the pro-ribbon drivers, up to and beyond 20kHz lets more people enjoy true stereo imaging throughout the room.



Traditional pro-ribbon



Alcons pro-ribbon

1:15

Unlimited headroom

With an RMS-to-peak power handling ratio of 1:15, the Alcons pro-ribbon drivers enable reproduction of even the largest explosions without any strain or distortion.

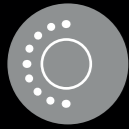


Unique uniform sound stage

By utilizing the same transducer components for the surround system, as for the screen system, a perfectly seamless screen/surround channel blending.



evolutionary audio solutions™



Optimal and reliable performance

The ALC amplified controller with integrated DSP functions as a dedicated powered controller of the Alcons speakers for maximum component performance and reliability.



192kHz

Fully digital signal path

The ALC amplified controller features AES3 digital signal inputs, accepting up to 192kHz sampling rate, with internal 24-bit, 96kHz high-end HiFi quality audio processing.



Space-economic design

The ultra-thin enclosure design of the C-series (CR1 7.1"/18cm, CB181 10.8"/27.5cm) enables mounting behind any screen, without any sacrifice on performance quality.



"The sound of Alcons systems is unbelievable, thanks to their revolutionary pro-ribbon technology."

**Gerrit Doorn - Chief Development Officer
Vue Nederland**



Blends into any interior

Through ACO™ Architect Color Option is each system available in any RAL scheme color, to have the system blend into any interior style for a "stealth appearance".



About Alcons Audio

Alcons Audio is a Dutch company, active in development and manufacturing of professional sound systems for quality-conscious clients in the cinema, installation and touring industry.

The R&D department of Alcons Audio features a unique

combination of extensive know-how in transducer-, acoustics and system design, as well as DSP and amplifier technology.

The team continuously strives for obtaining the most natural sound reproduction possible at any sound pressure level with utmost

consistency and reliability. This is achieved through a tameless curiosity combined with a fearless drive to develop and implement unconventional technologies and techniques. Alcons' multiple-patented pro-ribbon transducer technology is just one example.

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Screen systems

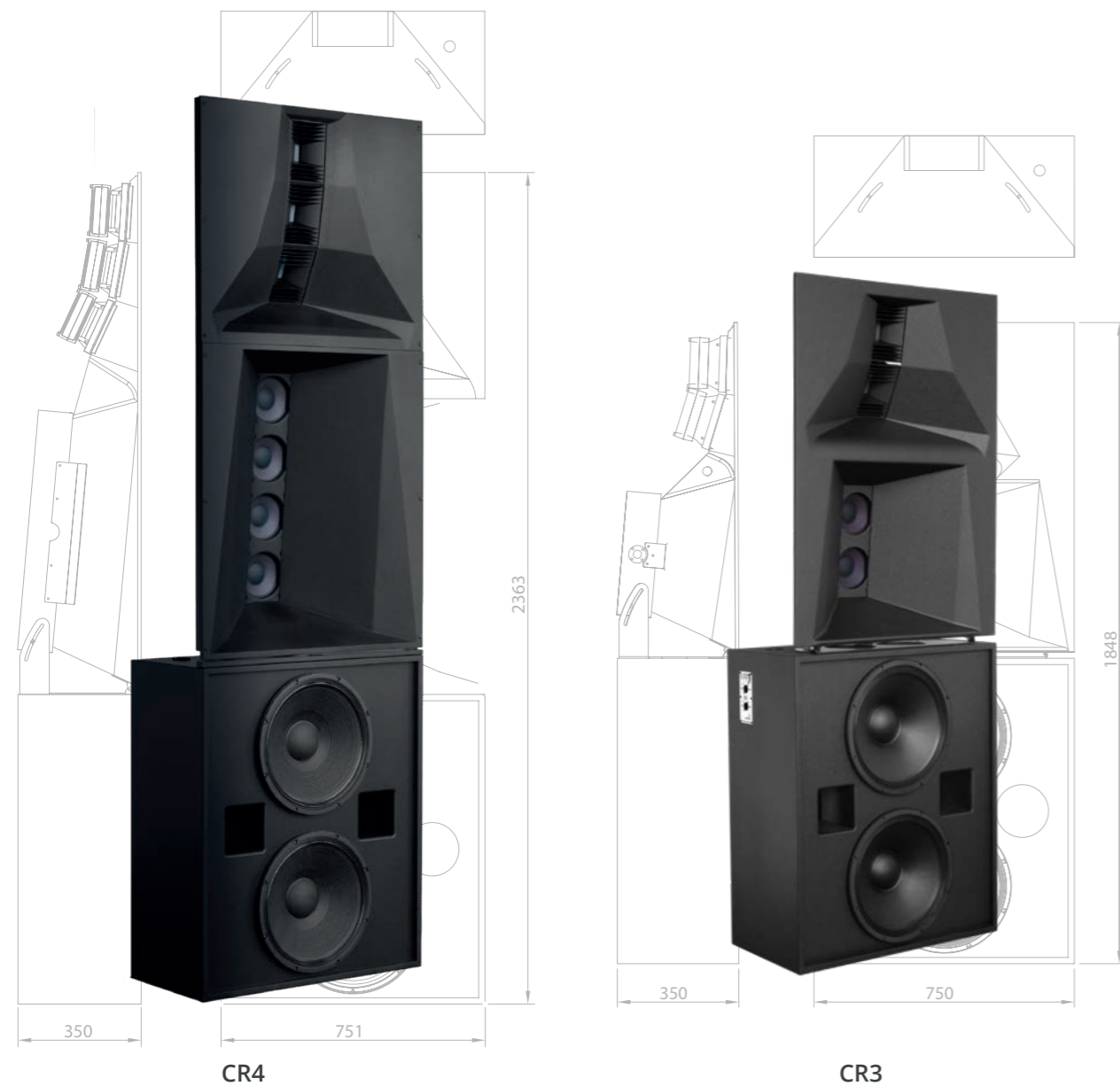
The Cinema Series offers a dedicated solution for literally every size cinema; From 5 seats home-theatre to a 1500 seat cinema theatre without any compromise. From the high-end

Cinema Reference Monitoring Systems, through the ultra-compact CR1 to the scalable Cinemarray™ screen system with maximum coverage in even the largest rooms; Alcons Cinema Series guarantees a

maximum experience in every size cinema!

All screen systems feature a 3-way configuration and pro-ribbon mid and high frequency transducers.

Models: CR1, CR2, CR3, CR4



"After all studies and tests we've done, we can only say that Alcons is among the most innovative developers of cinema sound systems."

Michael Braner – Technical Manager
CinemaxX Mannheim

Cinemarray™

The Cinemarray™ range are scalable, full-range array systems enabling an optimal cinematic sound experience from the first to the furthest seat in even the largest cinema applications.

By implementing adjustable line-source technology throughout the system, a flat SPL coverage from front to rear is realized, with the 'proximity' effect dramatically improving the cinema experience for the audience further away from the screen. The precise projection also minimizes unwanted acoustic reflections.



Models: CRA24N, CRA24W, CRA24WX, CRA30N, CRA30W

"The sound reproduction is transparent with natural crystal clear clarity in the mid/high range with a deep rich bass response."

**Ben Firth - Sound Engineer
Factory Studios**



"We decided to use Alcons after doing listening tests at a cinema with a different audio setup. When turning up the volume, Alcons stays really clear and it doesn't hurt your ears."

**Han Wolf - CEO
RSB Cinemas**



Surround systems

Key to the most life-like cinematic experience is a surround system perfectly-matched with the screen system. Alcons offers a range of surround solutions, to obtain the best experience. The pro-ribbon reference surrounds utilize the same or similar components as featured in the screen systems, for achieving a unique, completely uniform sound timbre throughout the room. The conical CCS surrounds are ideal ceiling channel solutions.

Models: CSS3, CCS6, CCS8, CRS8, CCS12, CRS12, CRS12GT



Subwoofer systems

Solid, fundamental sub bass reproduction caters for the true impact of a movie experience. The response of the lower octaves should be tight, accurate and powerful. All Alcons subwoofers are SIS™ pre-wired for dynamic cable compensation, to match the fast transient response of the pro-ribbon systems. The shallow design enables mounting in even the slimmest spaces!

Models: CB151sl, CB181sl, CB211sl, CB362

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"I can hear sounds in movies that I never heard before and the intensity is so powerful yet extremely detailed. The Alcons loudspeakers never show any sign of distortion."

Murat Cuhadaroglu - home-cinema owner
Turkey



Cinema Reference

The Cinema Reference Monitor Systems offer the most natural 1:1 Digital Cinema and HD audio sound reproduction possible.

The combination of the outstanding audio 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.

Models: CRMSC, CRMSC-SR, CRMSC-SRHV, CRMSC-SRIW

"The pro-ribbon drivers provide such a pleasing, brilliant top end and the subs are the tightest I have ever heard. This system is simply unbeatable."

Brian Riordan - founder/president
Levels Audio Hollywood



Monitor Systems

Each CRMS contains a screen system with fully matched surround systems, configured with identical MF/HF transducer components; This brings a perfect screen/surround blending, resulting in a very uniform sound stage, specifically in multi-channel immersive surround environments.

As a result of Alcons' tight manufacturing standards, all system cabinets are within "matched pair" tolerance.

Models: CRMS, CRMS-SR, CRMS-SRHV, CRMS-SRIW



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Cinema solutions overview



"It sounds great and is a big improvement. So much so that our visitors and suppliers have also noticed that we have a new system."

David Hanemaayer - Theatre Manager
Pathé Tuschinski

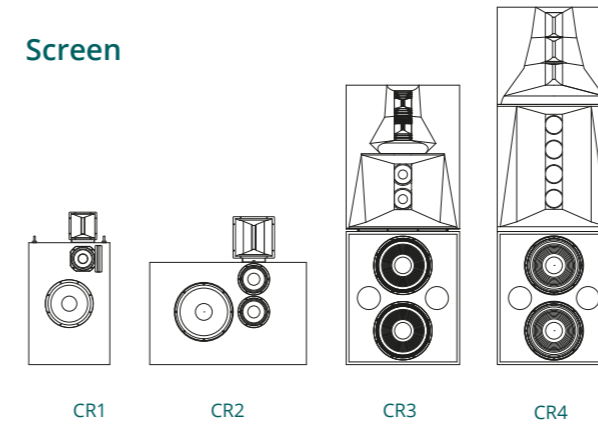
Amplification/processing

The Sentinel amplified loudspeaker controllers are the drive engines behind the Alcons pro-ribbon sound systems. The proprietary-developed amplified processors offer 192kHz AES3 digital inputs, Linux-based operation, full-color touch-screen and encoder control and up to 10kW. true audio-ophile-grade amp.stages. These high-resolution drive engines significantly raise the bar in very high-output, high-end HiFi sound reproduction. Remote-controllable through ALControl™ or VNC app.

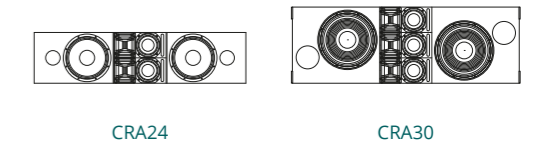
Models: Sentinel3, Sentinel10



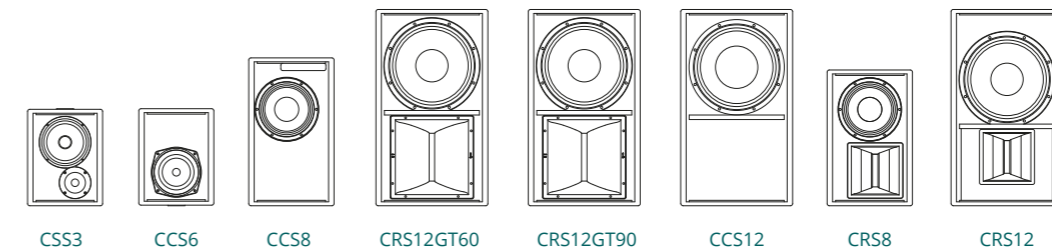
Screen



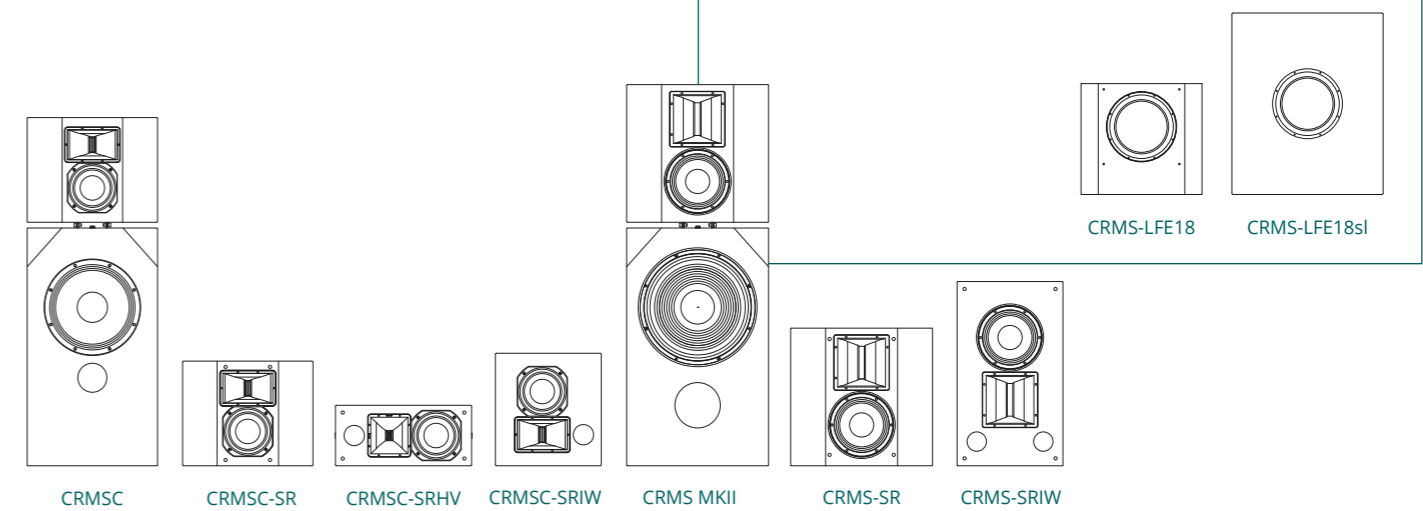
Cinemarray™



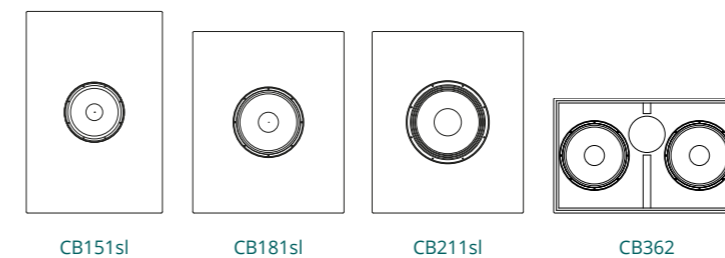
Surround



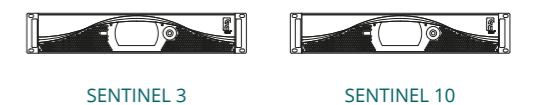
Cinema Reference Monitor Systems



Subwoofer/LFE



Amplification



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