



# technical specifications CRMSC-SRIW

## general

- Reference-quality Digital Cinema ready surround sound system
- Unique voicing match with Alcons pro-ribbon loaded screen systems
- 1:1 non-compressed sound reproduction, with up to 90% less distortion
- RBN202 pro-ribbon HF driver with exceptional intelligibility and dynamic output
- SIS pre-wired for very high damping and further reduced distortion (with ALC)
- Patented “Real-90” horizontal dispersion

## description

The CRMSC-SRIW surround is a 2-way passive-filtered full range loudspeaker, designed to meet all requirements of current and future cinema surround sound formats.

Featuring the patented Alcons pro-ribbon driver technology, the CRMSC-SRIW surround combines an exceptional clarity and intelligibility with an unusually high dynamic range, offering the most realistic sound reproduction possible.

The CRMSC-SRIW system consists of an RBN202 pro-ribbon driver for HF and a vented 6.5” mid-bass for LF reproduction. The CRMSC-SRIW HF section has an 400 W peak power input, enabling a 1:16 dynamic range with up to 90% less distortion from 1 kHz to beyond 20 kHz.

The patented horizontal dispersion of the RBN202 offers a stable coverage 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.



The CRMSC-SRIW is designed as matching in-wall surround system for the CRMSC system: By utilizing identical MHF components, a perfect voicing matching between screen- and surround system is realized, resulting in an exceptionally wide and uniform sound stage throughout the entire listening area.

The ultra-shallow enclosure of 150 mm / 5.9-in provides for easy, low profile in-wall mounting.

For full system performance, the CRMSC-SRIW needs to be driven by an ALC controller-amplifier, delivering maximum sound quality with increased headroom and utmost operation reliability.

The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the CRMSC-SRIW and ALC, significantly increasing

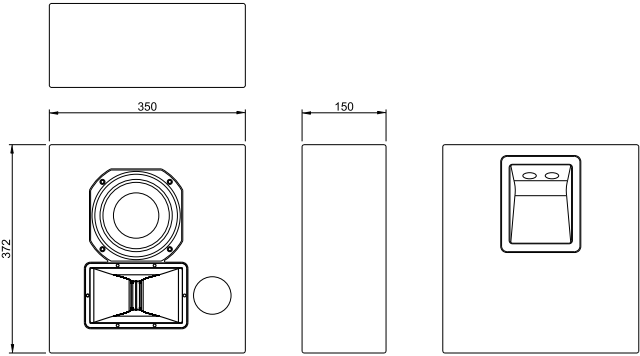
response accuracy, regardless of cable length and system impedance, with tight and accurate mid and bass response as result.

Typical applications include in-wall surround sound system for premium Home Cinemas, high-end

mix/screening rooms, quality-conscious post-production facilities and dubbing stages. 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  | 74 Hz - 20.000 Hz (+/- 3 dB)        |
|                     | 53 Hz - (+/- 10 dB)                 |
| Sensitivity nominal | 99 dB (200 Hz - 10 kHz)             |
| Nominal impedance   | 4 ohms or 8 ohms                    |
| Recommended drive   | Sentinel3 min., max. 3 pcs. per     |
|                     | channel (2.7 ohms)                  |
| Nominal SPL peak    | 125 dB (Sentinel3 200 Hz - 10 kHz)  |
|                     | 130 dB (Sentinel10 200 Hz - 10 kHz) |
| Dispersion          | H 90° x V 30° (@ 20 kHz)            |

## physical specifications

|                     |                                  |          |
|---------------------|----------------------------------|----------|
| System              | 2-way, full-range                |          |
| Filtering           | passive                          |          |
| Drivers LF          | 1x AMB6.5 6.5", vented           |          |
| Drivers HF          | 1x RBN202rs 2" pro-ribbon driver |          |
| Connectors          | 2x Speakon NL4 input/link        |          |
| Physical dimensions | mm                               | inches   |
|                     | Height                           | 372 14.6 |
|                     | Width                            | 350 13.8 |
|                     | Depth                            | 150 5.9  |
| Weight (approx.)    | 6,9 kg                           | 15.2 lb  |
| Warranty            | 6 years limited                  |          |

A: Alcons Audio B.V  
De Corantijn 10  
1689 AP ZWAAG  
The Netherlands

E: info@alconsaudio.com  
W: www.alconsaudio.com  
T: +31 (0)229 28 30 90