



technical specifications SR9

general

- RBN401 pro-ribbon HF driver with exceptional intelligibility and SPL output
- Very low profile enclosure for minimal sightline obstruction
- Wide angle coverage (120deg) combined with very precise vertical projection
- Passive filtering for easy operation, “daisy-chaining” and economical powering
- Extended headroom/SPL and protection in combination with SDP modules (with ALC)
- SIS pre-wired for very high damping and further reduced distortion (with ALC)
- Durotect™ scratch-resistant coating



As “signature” of all Alcons designs, the SR9 combines remarkable clarity and intelligibility with high SPL. Loaded with the RBN401 pro-ribbon driver, with its patented wide, horizontally controlled dispersion, the system features 120° dispersion with a super fast transient response for unsurpassed intelligibility and a “digitally” dynamic response. The narrow vertical coverage offers maximum “gain-before-feedback” directly above (on stage) or under (orchestra pit) the speaker. The double 5” woofers are non-vented, for a smooth low-end roll-off; This sealed box tuning enables easily adjustable low-frequency response.

The low height and shallow depth, combined with the specially recessed connector plate make the SR9 fit inconspicuously in virtually any space.

The system includes dedicated filtering, but system equalizing is done remotely (electronically) fully utilizing the individual speaker components’ output capacity. This results in increased headroom SPL above 800Hz. of 10dB.

The SignalIntegritySensing™ pre-wiring ensures complete cable/connector compensation between the SR9 and ALC.

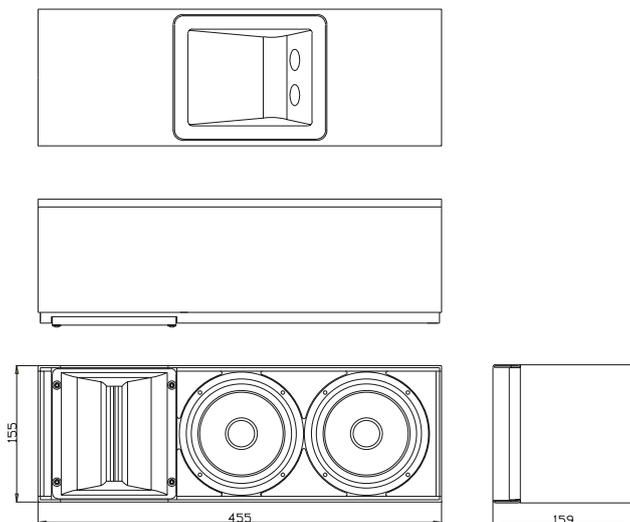
description

The SR9 is a passive 2-way ultra-compact loudspeaker, specifically designed for applications where ultimate fidelity response needs to be projected with wide horizontal and precise vertical coverage.

Typical (short to medium throw) applications for the SR9 range from low-profile stage-lip/front-fill (on-stage or in show deck) to upper-/under-balcony up to “stealth-mounted” system in stair risers or walls.

For full system performance, the SR9 shall be used in combination with an ALC amplifier/controller. Driven by the ALC, the SR9 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	99 Hz - 20.000 Hz
+/- 10 dB	75 Hz -
Sensitivity (SPL 1W/M)	91 dB
Sensitivity nominal	95 dB (200 Hz - 10 kHz)
Nominal Impedance	16 ohms
Maximum RMS power	150 W
Maximum peak power	800 W (from 1kHz.)
SPL program/peak (nom.)	117/124 dB (from 1 kHz.)
Dispersion H x V	120° x 15°

physical specifications

System	2-way, full-range	
Filtering	passive	
Drivers LF	2 x AMB5 5", non-vented	
Driver HF	1 x RBN401 4" ribbon driver	
Cross-over frequency	1000 Hz.	
Connectors	2 x Speakon NL4 input	
Physical dimensions	mm	inches
Height	155	6.1
Width	455	17.9
Depth	159	6.3
Weight (approx.)	8,5 kg	(18.7 lb)
Warranty	6 years limited	

A: Alcons Audio B.V.
De Corantijn 69
1689 AN Zwaag
The Netherlands

E: info@alconsaudio.com
W: www.alconsaudio.com
T: +31 (0)229 28 30 90
F: +31 (0)229 28 30 99