

SR-40 ACOUSTIC SYSTEM



KELONIK CINEMA SOUND

Two-way speaker system for the ceiling channels in 3D movie theatres

With the advent of the new 3D digital projection formats, audio systems in movie theatres need to evolve so that the audience can be immersed in the sound field and enjoy a true 3D sound experience. Systems installed in the ceiling of the auditorium to wrap the audience and locate any sound in any point in the auditorium.

The K.C.S. engineering department has developed a new two-way ceiling speaker system to fulfil the needs for S.P.L., coverage, frequency, response and sound quality with the new formats.

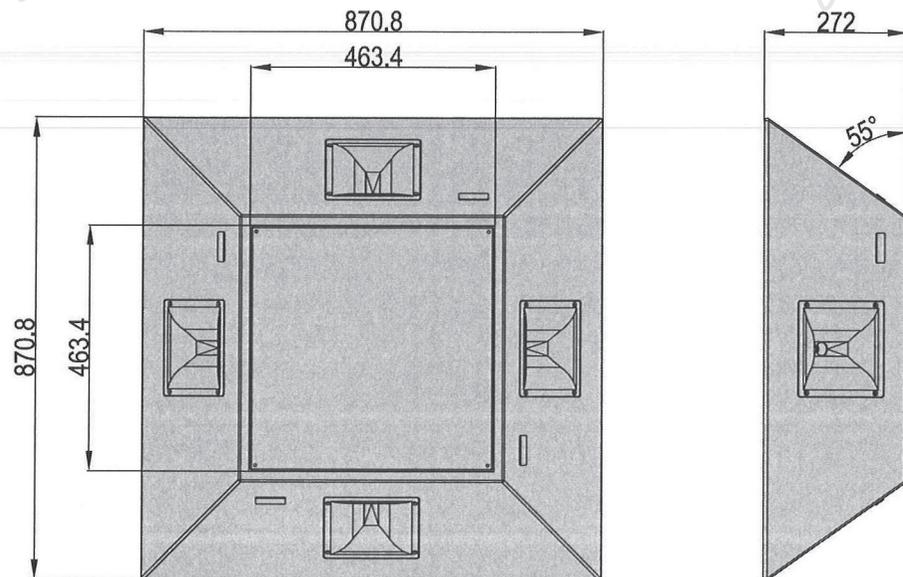
The SR-40 speaker system is designed to operate as a ceiling channel enabling proper coverage of the whole auditorium.



To this end, it features a 15" low-frequency speaker with high sensitivity and large power handling characteristics, providing a high level of bass sound and extended frequency response. The high-frequency unit consists of four last-generation compression drivers coupled to constant dispersion horns, providing full coverage for the whole auditorium.

- Two-way speaker system with maximum S.P.L. and minimum distortion.
- Optimised for 3D Sound reproduction.
- Constant radiation horns.
- Special brackets and accessories for ceiling installation.
- Four 2" compression drivers for reproduction of the high frequencies.
- 15" low-frequency speaker for extended and spectacular bass response.
- Bi-amplified operation for greater SPL with minimum distortion.

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TECHNICAL DATA

Frequency range (-10 dB)	55 Hz - 16 kHz
Nominal -6 dB Beamwidths	360° Horizontal 160° Vertical
Rated maximum peak S.P.L.	132 dB S.P.L. (a 1m)
X-over frequency	1.6 kHz
Low:	Impedance 4 Ohms
	Power Handling 600 W AES
	Sensitivity 98 dB S.P.L. (1 W @ 1 m)
High:	Impedance 2 Ohms
	Power Handling 200 W AES
	Sensitivity 98 dB S.P.L. (1 W @ 1 m)
	Weight 39.5 kg