

SR-50 ACOUSTIC SYSTEM



KELONIK CINEMA SOUND

New design for Immersive Sound Surround speakers

KCS was the first speaker manufacturer to believe in immersive sound starting research & developments in 2010. Since then, KCS continuously develop new systems to provide to cinema exhibitors cost effective and quality in terms of speakers and installation solutions.

Immersive Surround speakers require high Power, high sensitivity and specific characteristic in dispersion, depending on the size of the theaters.

KCS developed specific components to match with these requirements and we now focus on the design of our speakers.



This shallow enclosure allows to better incline the speaker with the requirements of sound format developers, without faring-off the speaker from the wall.

We include in this new range of surround a new 100° x 100° horn for a better coverage and dispersion control of the sound.

It features a 12" low-frequency speaker with high sensitivity and large power handling characteristics, providing a high level of bass sound and extended frequency response.

The SR-50 provides therefore a Half-Space sensitivity of 99 dB SPL with 1W / 1m and a RMS Power of 360 W (1).

- Two-way speaker system with maximum SPL and minimum distortion.
- Optimized for 3D surround sound reproduction.
- Constant radiation horns.
- Special brackets and accessories for ceiling installation.
- 12" speaker for extended and for spectacular bass response and a 1" medium/high frequency unit.

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TECHNICAL DATA

| | |
|---|--|
| RMS (Average) power handling ⁽¹⁾ | 360 W |
| Peak power handling | 1440 W |
| Frequency range (-10 dB) | 50 Hz – 20 kHz |
| Nominal Impedance | 8 Ohms |
| Sensitivity 1W/1m | 99 dB S.P.L. Half-space 96 dB S.P.L. Free-field |
| Rated maximum peak S.P.L. | 131 dB S.P.L. 1 m |
| Breamwidth | 100°H x 100° V |
| Dimensions (H x W x D) | 66 x 40 x 35.2 cm 26 x 15.8 x 13.9 in |
| Weight | 18.8 kg (41.4 lb) |

COMPONENTS

| | |
|-----------------------|---------|
| Cabinet | SR-50 |
| Low Frequency Driver | 12-MI-K |
| High Frequency Driver | M-34-K |
| High Frequency Horn | BC-919 |
| Passive Crossover | F-SR-50 |

(1) Based on a 2 hour test using a continuous 6 dB crest factor pink noise signal band limited according to IEC 268-1 (1985).