

S-8902

Item Code

47067-A



SCREEN CHANNEL

S-8902

SUMINISTROS KELONIK SA
C/ Badajoz, 159 bis - 08018 Barcelona - Spain
Tel. +34 93 300 43 61
Updated (DD/MM/YYYY): 21/05/2026



Key Features

- Tri-Amplified Configuration: Utilizes two external active crossovers—one with a 400 Hz cutoff between low and mid frequencies, and another at 1.3 kHz between mid and high frequencies, for precise frequency management.
- Enhanced High-Frequency Performance: Features a 3" titanium compression driver and a 90° x 40° constant directivity horn, delivering clear, natural, and distortion-free high frequencies.
- Improved Dialogue Intelligibility: Equipped with four 6.5" cone speakers and 90° x 30° constant dispersion horns to enhance clarity and intelligibility, especially for dialogue.
- Powerful Bass: Includes dual 15" woofers for deep, impactful bass, ensuring full-range and balanced sound reproduction across the frequency spectrum.

Description

Designed to meet the demands of high-end cinema sound, the K.C.S. S-8902 is a state-of-the-art tri-amplified, three-way speaker system engineered for screen channels in large auditoriums. Its 47 cm depth makes it ideal for venues where space behind the projection screen is limited, without compromising on performance.

The S-8902 is designed for precise frequency management, operating with two external active crossovers:

- 400 Hz cutoff between low and mid frequencies
- 1.3 kHz cutoff between mid and high frequencies

This precise separation ensures ultra-clear dialogue reproduction, powerful low-end impact, and crystal-clear high frequencies, even at high SPL levels.

Every component of the S-8902 is optimized for cinema sound clarity and power:

- Dual 15" woofers deliver deep, resonant bass with direct radiation technology for a rich, full-range experience.
- Four 6.5" midrange cone speakers and 90° x 30° constant dispersion horns enhance dialogue intelligibility, eliminating muffled or unclear speech.
- Advanced high-frequency section featuring a 3" titanium compression driver and a newly designed 90° x 40° constant directivity horn, ensuring high SPL performance with exceptional clarity and low distortion.

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Specifications

TRI-AMPLIFIED SPEAKER

Performances

Frequency Range (-10 dB)	30Hz-20kHz
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LF Nominal Impedance	4 Ohms
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LF AES Power (1)	1000 W
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LF Continuous Program	2000 W
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MF Nominal Impedance	4 Ω + 4 Ω
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MF AES Power (1)	360 W
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MF Continuous Program	720 W
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HF Nominal Impedance	8 Ohms
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HF AES Power (1)	100 W
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HF Continuous Program	200 W
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System Sensitivity 1 W/1 m (2)	-
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LF Sensitivity 1 W/1 m (2)	101 dB
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MF Sensitivity 1 W/1 m (2)	111 dB
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HF Sensitivity 1 W/1 m (2)	112 dB
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MF / HF Bracket	Adjustable Bracket
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Beam Horizontal Angle	90 degrees
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Beam Vertical Angle	40 degrees
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(1) - Based on a 2 hours test using a continuous 6 dB crest factor pink noise signal band limited according to IEC 268-1 (1985).

(2) - Free field sensitivity (Half Space sensitivity +3 dB)

(3) - Rating based on test signal of filtered random noise conforming to the International Standard IEC 268-1 (pink noise with 12 dB per octave roll-off below 40 Hz and above 5000 Hz with a peak-to average ratio of 6 dB).

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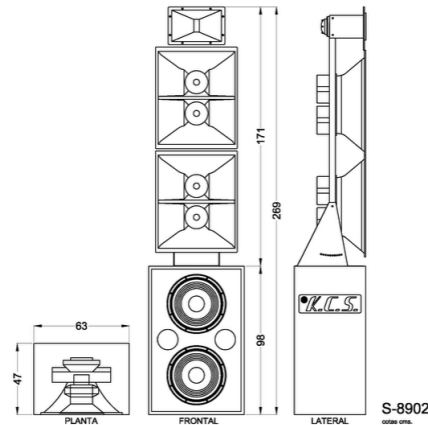
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Enclosure

Dimensions cm (H x W x D) 269 x 63 x 47

Net Weight 74,95 Kg



Components

	Quantity	Reference	Item Code
Enclosure Reference	1	C-215-FV	47159-A
	-	-	-
LF Reference	2	S-15-FV	47403-A
MF Reference	4	S-6	47313-A
HF Reference	1	S-10/75	47500-A
MF / HF Assembly Kit	1	M/H-8902	47143-A
MF / HF Bracket	1	SP-8900	47592-A
MF Horn	2	BM-942-B	47326-A
HF Horn	1	BC-9040	47550-A

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Connectors

Audio Input Connectors

Push Type Terminal

Spare Parts

	Reference	Item Code
LF Recone Kit	GM-S-15-FV	TBC
MF Recone Kit	-	-
HF Recone Kit	GM-S-10/75	47337-A
Passive Filter	-	-
MF / HF Filter	-	-

EQ Settings

Check the dedicated EQ Setting page on our website
https://kcsspeakers.com/en/EQ_Setting.html

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