

S-8901

Item Code

47066-A



SCREEN CHANNEL

S-8901

SUMINISTROS KELONIK SA
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Tel. +34 93 300 43 61
Updated (DD/MM/YYYY): 14/02/2025



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 two 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

The K.C.S. S-8802 is specifically designed for large theater screen channels, with a compact 47 cm depth, making it ideal for installations with limited space behind the projection screen. This tri-amplified system uses two external active crossovers: one cutting at 400 Hz between the low and mid frequencies, and another at 1.3 kHz between mid and high frequencies. This ensures precise frequency management and optimal sound distribution, allowing for high SPL (sound pressure levels) while minimizing distortion, even with demanding soundtracks.

The S-8802 is equipped with dual 15" woofers for deep bass, two 6.5" cone speakers, and 90° x 30° constant dispersion horns to improve dialogue intelligibility and provide powerful, clear mid-range output. The high-frequency section is enhanced with a 3" titanium compression driver and a 90° x 40° constant directivity horn, offering natural, distortion-free sound reproduction, especially for high SPL and large theater environments.

This speaker system is the ideal choice for large theaters where superior dynamic range, clarity, and intelligibility are essential, providing a more immersive listening experience for modern soundtracks.

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Specifications

BI-AMPLIFIED SPEAKER

Performances

Frequency Range (-10 dB)	30Hz-20kHz
LF Nominal Impedance	4 Ohms
LF AES Power (1)	800 W
LF Continuous Program	1600 W
MF Nominal Impedance	-
MF AES Power (1)	-
MF Continuous Program	-
HF Nominal Impedance	2 Ohms
HF AES Power (1)	400 W
HF Continuous Program	800 W
System Sensitivity 1 W/1 m (2)	-
LF Sensitivity 1 W/1 m (2)	101 dB
MF Sensitivity 1 W/1 m (2)	-
HF Sensitivity 1 W/1 m (2)	112 dB
MF / HF Bracket	Adjustable Bracket
Beam Horizontal Angle	90 degrees
Beam Vertical Angle	40 degrees

(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 fittered 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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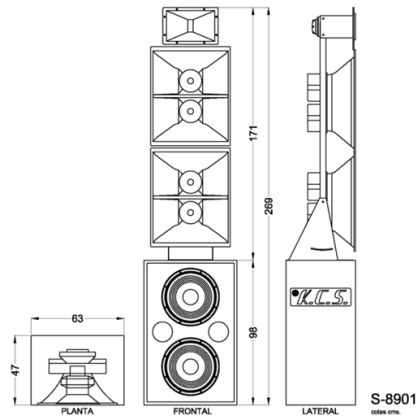
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Enclosure

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

Net Weight 75,65 Kg



Components

	Quantity	Reference	Item Code
Enclosure Reference	1	C-215-P	47159-A
	-	-	-
LF Reference	2	S-15-P	47202-A
MF Reference	4	S-6	47313-A
HF Reference	1	S-10/75	47500-A
MF / HF Assembly Kit	1	M/H-8901	47142-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-P	47334-A
MF Recone Kit	-	-
HF Recone Kit	GM-S-10/75	47337-A
Passive Filter	-	-
MF / HF Filter	F-8901	47391-A

EQ Settings

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

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