

S-7902

Item Code

47057-A



SCREEN CHANNEL

S-7902

SUMINISTROS KELONIK SA
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Tel. +34 93 300 43 61
Updated (DD/MM/YYYY): 21/05/2026



Key Features

- Tri-Amplification Ready: Designed to operate with two external active crossovers; one cuts at 400 Hz between low and mid frequencies, and the other at 1.7 kHz between mid and high frequencies.
- High Dynamic Performance: Ensures high sound pressure levels (SPL) with minimal distortion, ideal for demanding modern soundtracks.
- Bass Technology: Equipped with dual 15" woofers for powerful, deep bass reproduction.
- Improved Voice Intelligibility: Features four 6.5" cone speakers and 90° x 30° constant dispersion horns for clearer dialogue reproduction compared to conventional systems.

Description

The K.C.S. S-7902 Tri-Amplified Three-Way Speaker System is designed for screen channels in large auditoriums, featuring a compact 47 cm depth that suits installations with limited space behind the projection screen.

This system utilizes two external active crossovers: one with a cutoff at 400 Hz between low and mid frequencies, and another at 1.7 kHz between mid and high frequencies. The tri-amplified setup ensures optimal frequency distribution for superior sound reproduction, enabling high dynamics and minimal distortion, even at high sound pressure levels (SPL).

The system features dual 15" woofers for deep bass, four 6.5" cone speakers, and 90° x 30° constant dispersion horns to enhance voice intelligibility. Its high-frequency section includes a compression driver with a titanium diaphragm and a constant directivity horn, ensuring precise and distortion-free high-frequency performance.

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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)	50 W
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HF Continuous Program	100 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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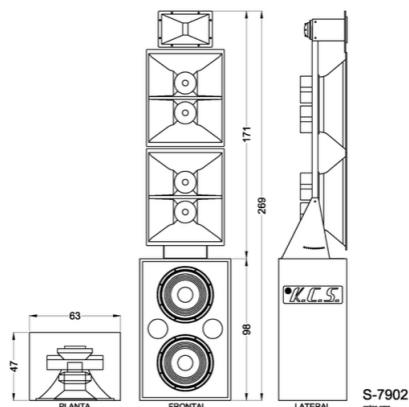
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Enclosure

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

Net Weight 74,9 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-701	47204-A
MF / HF Assembly Kit	1	M/H-7902-A	47139-A
MF / HF Bracket	1	SP-7900	47346-A
MF Horn	2	BM-942-B	47326-A
HF Horn	1	BC-94	47239-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-401	47229-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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