

S-1800

Item Code

47050-A



SCREEN CHANNEL

S-1800

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



Key Features

- Extra-flat design - Ideal for small to medium-sized auditoriums with limited space behind the screen.
- 15" woofer - Delivers deep and powerful low-frequency response.
- Compression driver - 2" titanium diaphragm with a 1" mouth for clear and accurate high frequencies.
- 90° x 90° constant dispersion horn - Ensures uniform sound coverage throughout the auditorium.
- Passive crossover - 900 Hz cut-off frequency for seamless frequency distribution.
- THX-approved - Certified for high-quality cinematic audio performance.

Description

The K.C.S. S-1800 is a high-performance, extra-flat two-way speaker system, specifically designed for screen channels in small to medium-sized auditoriums where space between the projection screen and the wall is extremely limited.

Advanced Acoustic Design

- Features a 15" woofer housed in a compact bass cabinet for deep, powerful low-frequency response.
- The high-frequency section includes a 2" titanium diaphragm compression driver with a 1" mouth, ensuring crystal-clear dialogue and sound effects.
- A 90° x 90° constant dispersion horn delivers exceptionally uniform sound coverage, from the first to the last row.

Optimized Performance for Cinema Applications

- Integrated passive crossover with a 900 Hz cut-off frequency for seamless frequency transition.
- THX-approved, ensuring industry-leading cinematic audio quality.

Perfect for venues with limited installation space, the S-1800 combines high efficiency, precise dispersion, and premium sound quality, making it an excellent choice for professional cinema environments.

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Specifications

PASSIVE SPEAKER

Performances

Frequency Range (-10 dB)	30Hz-20kHz
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LF Nominal Impedance	8 Ohms
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LF AES Power (1)	500 W
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LF Continuous Program	1000 W
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MF Nominal Impedance	-
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MF AES Power (1)	-
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MF Continuous Program	-
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HF Nominal Impedance	-
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HF AES Power (1)	-
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HF Continuous Program	-
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System Sensitivity 1 W/1 m (2)	99 dB
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LF Sensitivity 1 W/1 m (2)	-
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MF Sensitivity 1 W/1 m (2)	-
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HF Sensitivity 1 W/1 m (2)	-
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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	90 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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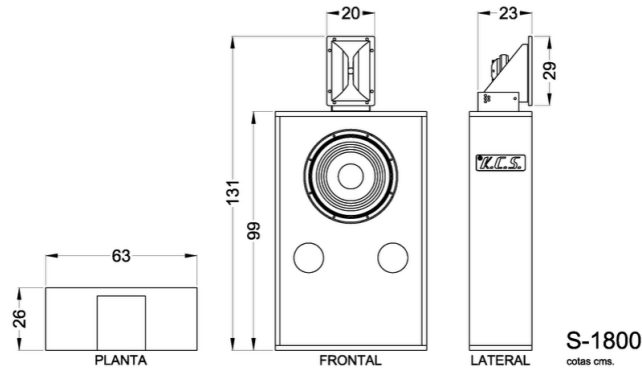
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Enclosure

Dimensions cm (H x W x D) 131 x 63 x 26

Net Weight 38,55 Kg



Components

	Quantity	Reference	Item Code
Enclosure Reference	1	C-115-FVLPF-1800	47165-A
	-	-	-
LF Reference	1	S-15-FV	47403-A
MF Reference	-	-	-
HF Reference	1	S-701	47204-A
MF / HF Assembly Kit	1	M/H-1800	47126-A
MF / HF Bracket	1	SP-1800	47343-A
MF Horn	-	-	-
HF Horn	1	BC-99	47323-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	F-1800	47380-A
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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