

SR-28-N

Item Code

47047-A



SURROUND

SR-28-N

SUMINISTROS KELONIK SA
C/ Badajoz, 159 bis - 08018 Barcelona - Spain
Tel. +34 93 300 43 61
Updated (DD/MM/YYYY): 26/02/2025



Key Features

- High-Performance Driver: Equipped with a 12-inch low-frequency speaker, offering high sensitivity and robust power handling for rich bass and extended frequency response.
- Two-Way System: Delivers maximum SPL with minimal distortion.
- Optimized for 3D Surround Sound: Ensures exceptional audio reproduction.
- Constant Radiation Horns: Provides consistent sound dispersion.
- Frequency Coverage: Features a 12-inch speaker for deep bass and a 1-inch medium/high-frequency unit.

Description

The SR-28-N is a cutting-edge acoustic system specifically designed for high-dynamic surround sound, ideal for immersive audio experiences. With the rise of 3D digital projection formats, cinema audio systems must evolve to provide audiences with a truly immersive 3D sound experience. New immersive sound technologies utilize ceiling-installed speaker systems to envelop the audience and position sound precisely within the auditorium.

The K.C.S. engineering department has developed the SR-28-N, a two-way surround and ceiling speaker system, to meet the demands of SPL, coverage, frequency response, and sound quality for these new formats.

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Specifications

PASSIVE SPEAKER

Performances

Frequency Range (-10 dB)	50Hz-20kHz
LF Nominal Impedance	8 Ohms
LF AES Power (1)	360 W
LF Continuous Program	720 W
System Sensitivity 1 W/1 m (2)	96 dB
Beam Horizontal Angle	90 degrees
Beam Vertical Angle	50 degrees

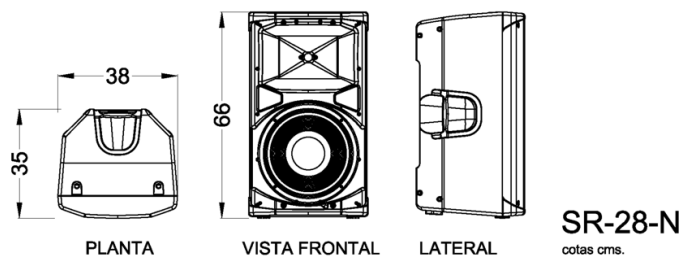
(1) - Based on a 2 hours test using a continuous 6 dB crest factor pink noise signal band limited according to IEC 268-1 (1985).

(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).

Enclosure

Dimensions cm (H x W x D)	65 x 38 x 34,6
Net Weight	16,6 Kg



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Components

	Quantity	Reference	Item Code
Enclosure Reference	-	-	-
LF Reference	1	S-12-MI	47241-A
HF Reference	1	S-32	47472-A
HF Horn	-	-	-

Connectors

Audio Input Connectors Push Type Terminal

Spare Parts

	Reference	Item Code
LF Recone Kit	-	-
HF Recone Kit	F-SR-28-N	47621-A
Passive Filter	-	-

Accessories

	Reference	Item Code
U type Bracket	-	-
Vert. Tilt Bracket	SP-SR-28/29-P1	47292-A
Vert. & Horiz. orientation Bracket	SP-SR-28/29-P2N	47293-A
50mm Rod clamp Bracket	SP-SR-28/29-T	47294-A
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