

SC-106 EN-1

CEILING SPEAKER

RCS[®]
AUDIO-SYSTEMS



OPERATING INSTRUCTIONS / BEDIENUNGSANLEITUNG

- ENGLISH
- DEUTSCH

DESCRIPTION

The SC ceiling and wall mounted speakers for recessed installation are designed according to the latest standards and ensure easy mounting. The speaker inside the grill is held in place by a bayonet attachment which is turned until it looks. The grilles are made of stove enamelled metal.

Please consider the following features:

- Dimensioning in a high-quality and mountingfriendly cabinet.
- High-power 4"x2,5" oval wide band chassis and high-quality transmitters enable a secure wiring.
- The speaker has an installation depth of about 110 mm and is ready for a horizontal or vertical attachment of the speakers.
- It is available on all RAL colours on request.

BESCHREIBUNG

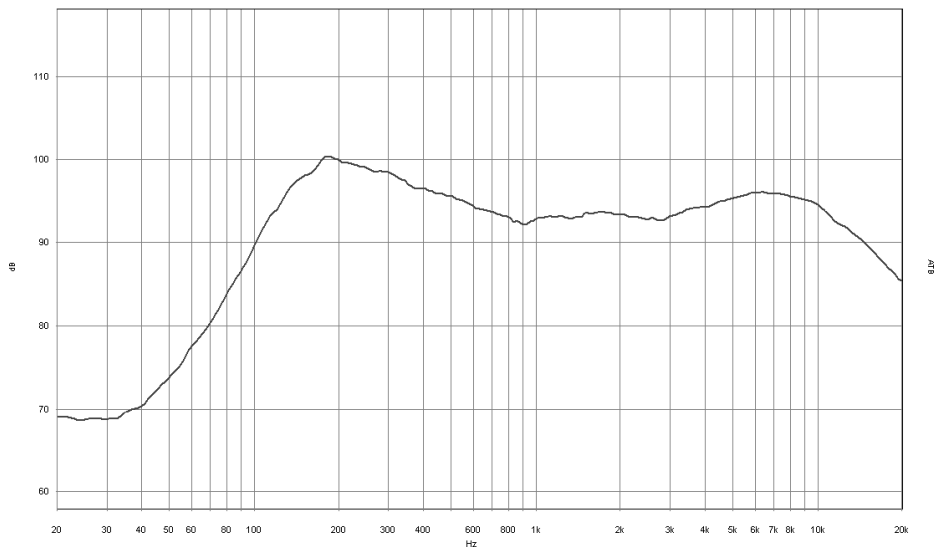
Die SC Einbaulautsprecher sind nach den neuesten Standards für den Unterputz-Einbau konzipiert und sind leicht zu montieren. Der Lautsprecher hinter dem Gitter wird mit einem Bajonettverschluss befestigt, der gedreht wird, bis er einrastet.

Bitte beachten Sie folgende Merkmale:

- Auslegung in einem hochwertigen und montagefreundlichen Gehäuse.
- Leistungsstarke 4"x2,5"-Oval-Breitbandchassis mit Hochtוןkegel und hochwertige Übertrager ermöglichen eine sichere Verkabelung.
- Dieser Lautsprecher hat eine Einbautiefe von ca. 110mm und eignet sich zur horizontalen wie auch vertikalen Wand- und Deckenmontage.
- Dieser Lautsprecher ist auf Anfrage in allen RAL Farben erhältlich.

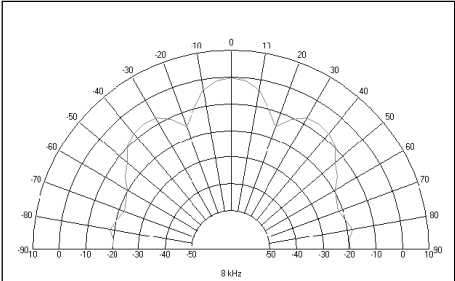
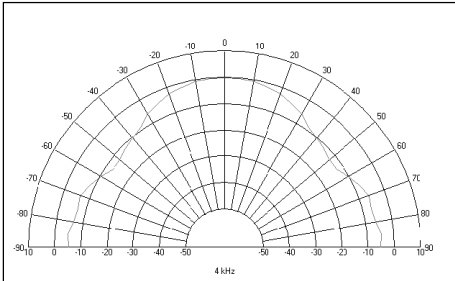
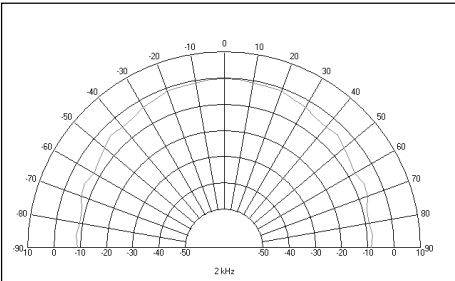
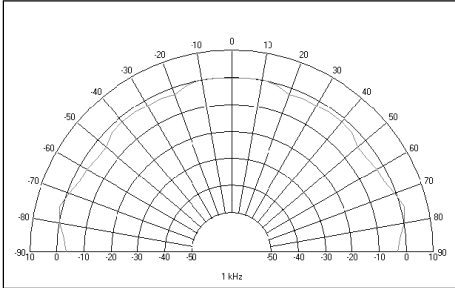
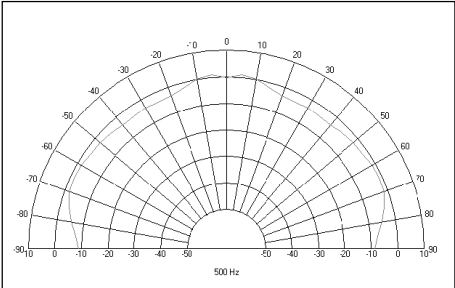
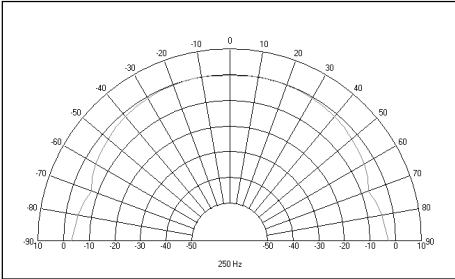
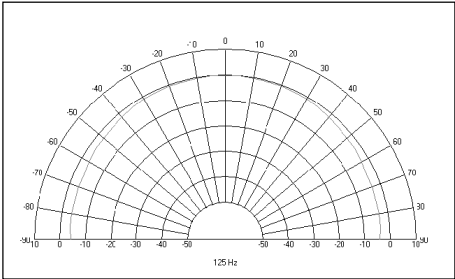
FREQUENCY RESPONSE

FREQUENZBEREICH

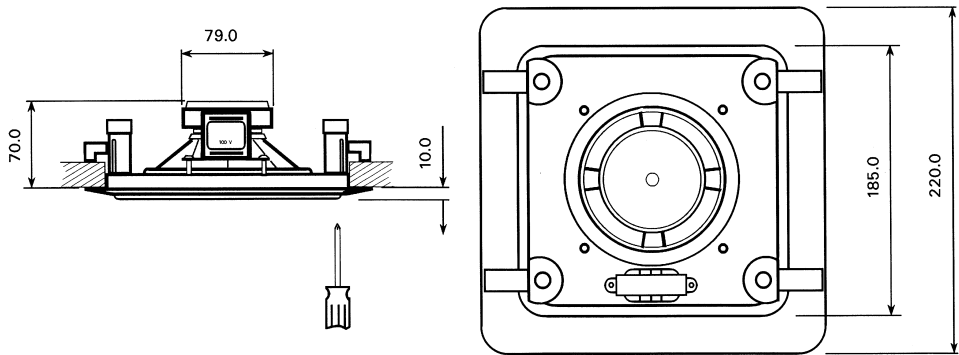


Polar Response

Polar Plots [Hz]	125	250	500	1000	2000	4000	8000
Polar response horizontal (red) (-6dB)	180°	180°	160°	180°	100°	60°	20°



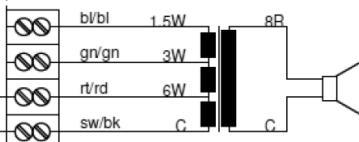
Technichal Data	SC-106 EN-1
Input	100 V
Nominal power	6W, 3W, 1,5W
SPLP max 1 m	101dB
Nominal impedance	1.6kΩ @ 6W 3.3kΩ @ 3W 6.6kΩ @ 1,5W
Mechanical dimensions	Ø 222 mm x 122 mm
Weight	1.1 kg
Sensitivity 1W/1m (100Hz - 10000Hz)	91 dB spl
Frequency range (-3dB)	90 - 16.500 Hz
Material	ABS (EN 60695-11-10 Class 5VB)
Mounting hole	220 x 220 mm
Color	white



CONNECTION DIAGRAMS

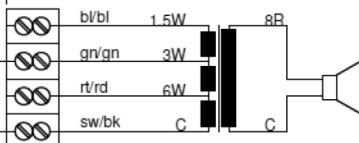
Volle Leistung Full power

100V
0V 100V Linie / line



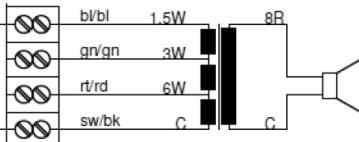
Halbe Leistung Half power

100V
0V 100V Linie / line



Viertel Leistung Quad power

100V
0V 100V Linie / line



SC-106 EN-1 / Loudspeaker for voice alarm systems
RCS Audio-Systems GmbH, Markfeld 5, 83043 Bad Aibling
11 / System 1 / 1488, ITB Building Research Institute, 00-611 Warszawa, ul Filtrowa 1
1488-CPR-0185/W / EN-54-24:2008 / Typ A

Charge No.:

DECLARED PERFORMANCE

LEISTUNGSERKLÄRUNG

ESSENTIAL CHARACTERISTICS	CHAPTER OF STANDARD	PERFORMANCE	HARMONISED STANDARD
Performance in case of fire!	4.2, 5.2, 5.3, 5.4, 5.5	fulfilled	EN 54-24:2008
Operation reliability	4.3, 4.4, 4.5, 5.6, 5.18	fulfilled	EN 54-24:2008
Durability of operation Temperature resistance	5.7, 5.8, 5.9	fulfilled	EN 54-24:2008
Durability of operation Humidity resistance	5.10, 5.11, 5.12	fulfilled	EN 54-24:2008
Durability of operation Corrosion resistance	5.13	fulfilled	EN 54-24:2008
Durability of operation Shock- and vibration resistance	5.14, 5.15, 5.16, 5.17	fulfilled	EN 54-24:2008

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Approved by (seal, signature):	Date:
Technical Director: 	

RCS28.03.2019

