

EN54 WALL SPEAKER

- 6W 100V LOUDSPEAKER
- SIZE 6.5" (165MM)
- FLUSH MOUNT
- SOFTLINE-DESIGN
- EXCELLENT SOUND QUALITY
- FULLY CERTIFIED TO EN54-24



OVERVIEW

The SPRF-06W-65-EN54 is a 6W 100V flush mount loudspeaker which has a 6.5" (165mm) full-range chassis providing excellent sound quality with speech and background music, and which is certified to EN54-24. The speaker is fitted with a 100V transformer which has three power tapings of 6W, 3W and 1.5W.

The SPRF-06W-65-EN54 has a high-density, shock-resistant ABS-plastic front panel in white which provides a low resonance sound. The speaker has a powder coated metal grille, with the high quality powder coated finish giving good long-term protection and resistance to corrosion. The enclosure is ingress protection rated to IP21C.

The speaker is designed to be flush mounted in walls or suitable ceilings. The 100V loudspeaker line cabling is connected by means of a two-pin ceramic block, and for additional reliability a thermal fuse is provided and the speaker chassis is damp-resistant.

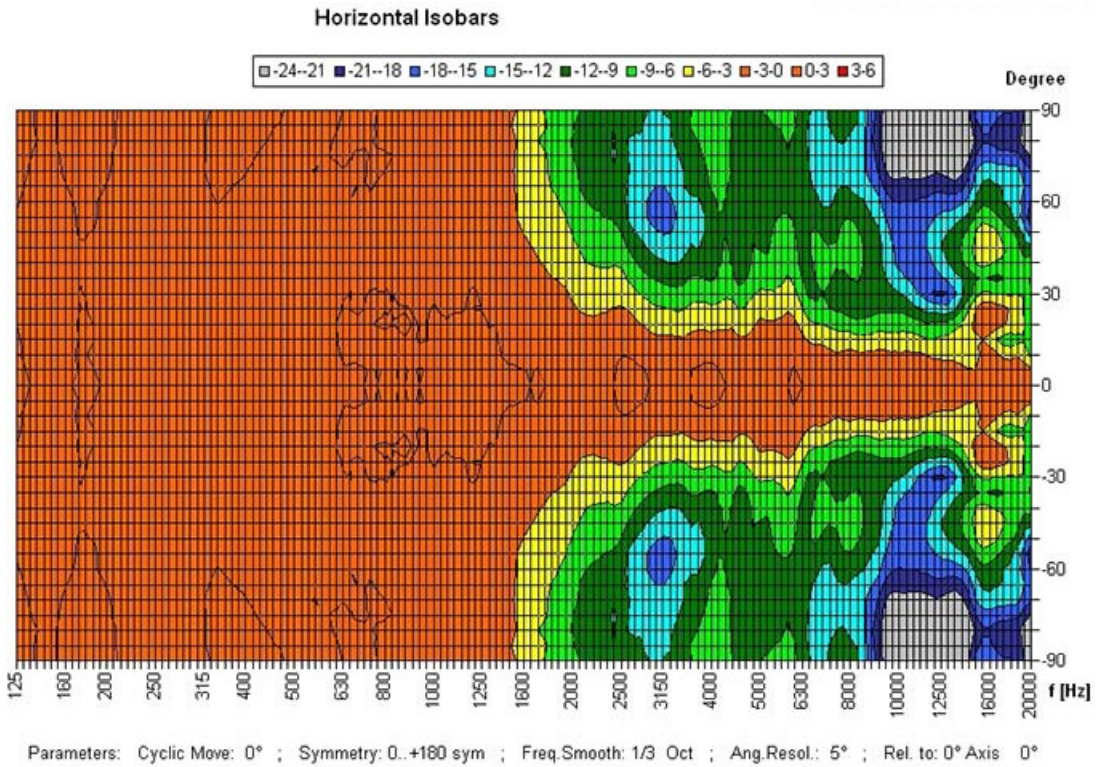
The loudspeaker is optionally available with a DC blocking capacitor fitted, in order to provide compatibility with DC loudspeaker line monitoring systems. The part number for this DC monitoring compatible version is SPRF-06W-25-EN54-DC.

EASE data is available for this speaker on request.

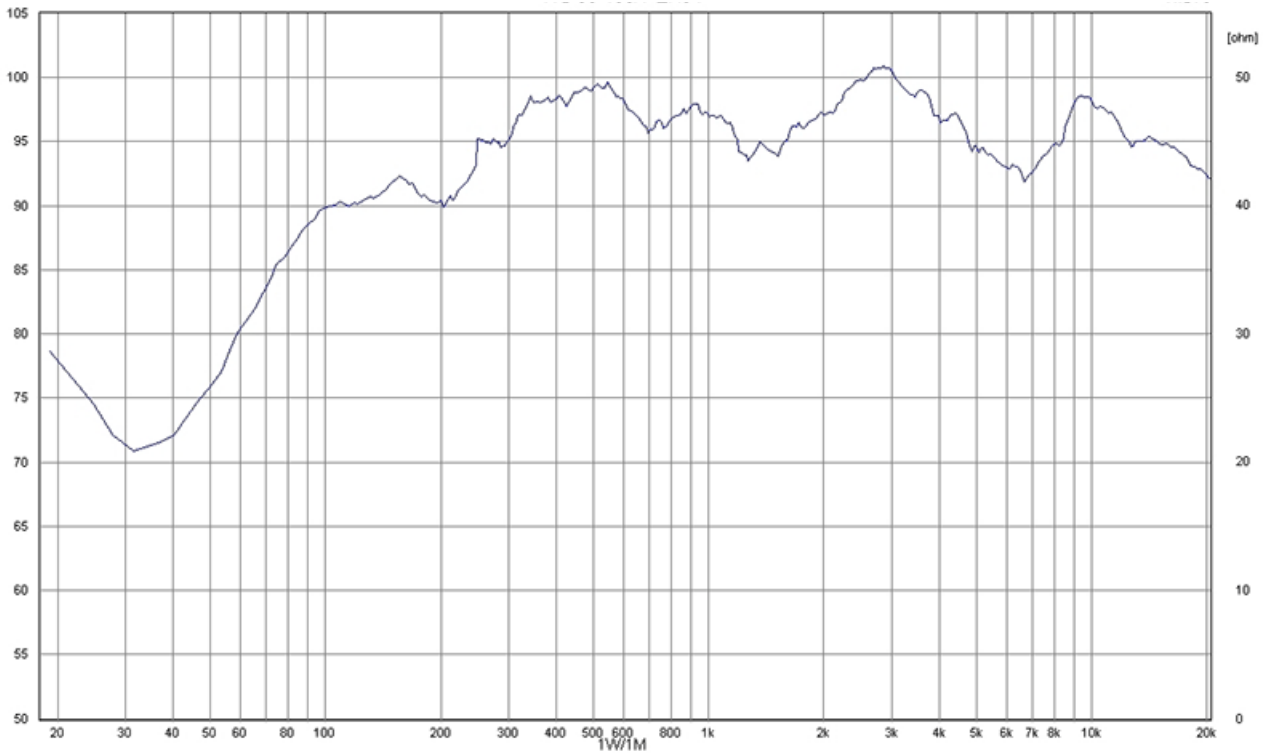
TECHNICAL DATA

Power Tappings	6W / 3W / 1.5W
Frequency Range	93 — 23,500 Hz
Frequency Response	72 — 23,500 Hz
SPL 1W / 1m, peak	99.1 dB
SPL , 1W / 4m, peak	87.1 dB
SPL Pmax / 4m, peak	94.8 dB
Sensitivity EN54-24, 1W / 4m	79.6 dB
Dispersion (-6dB, 500Hz)	180° (horizontal) / 180° (vertical)
Dispersion (-6dB, 1KHz)	180° (horizontal) / 180° (vertical)
Dispersion (-6dB, 2KHz)	180° (horizontal) / 102° (vertical)
Dispersion (-6dB, 4KHz)	50° (horizontal) / 59° (vertical)
Temperature range	-20 / +80 °C
Dimensions	255 x 195 x 88 mm
Weight (net)	1.40 kg
Colour	White
Connector	2-pin ceramic block
Mounting	Flush mounting
Packing Unit	8
Maximum cable cross section	8mm ²
Maximum cable cross section loop	2 x 2mm ²
IP Rating	IP21

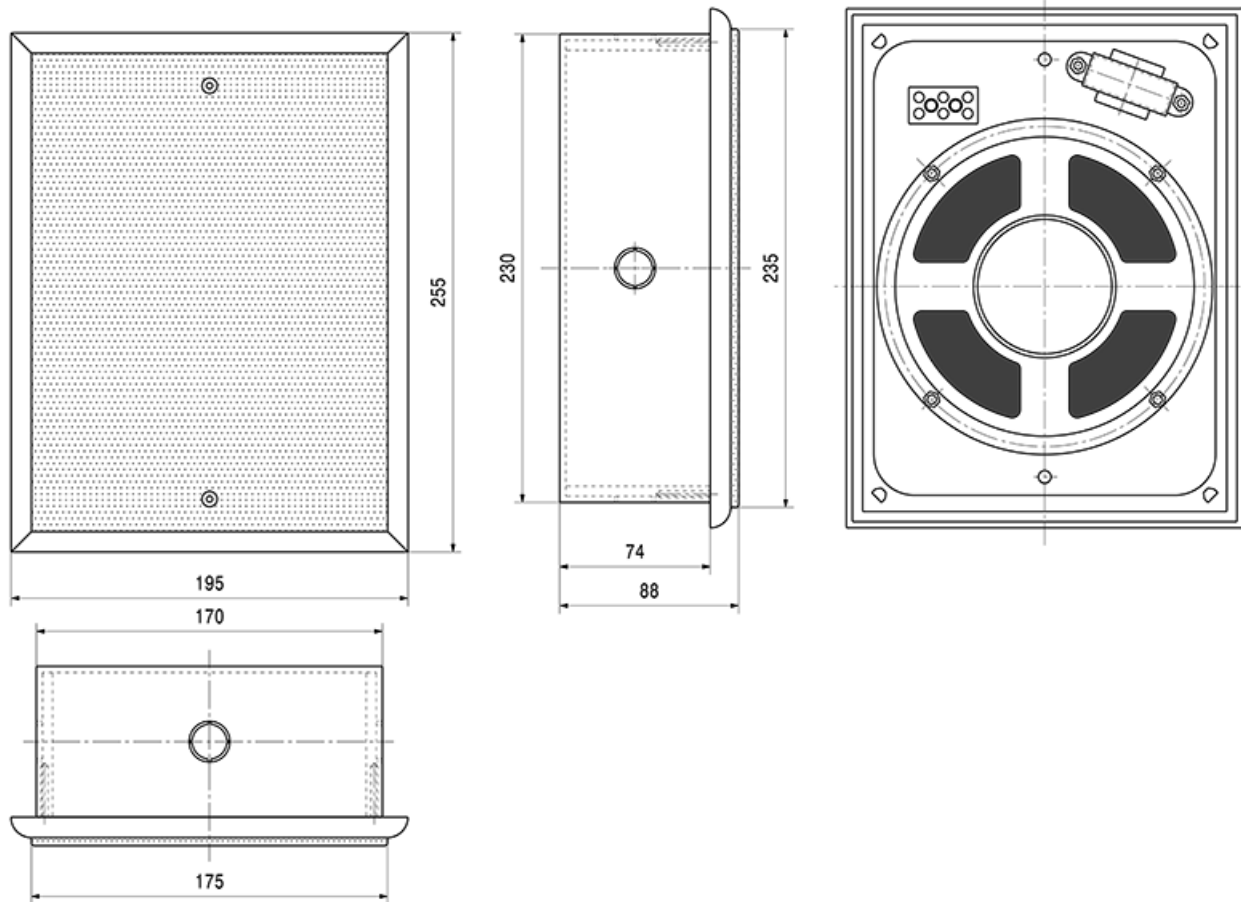
POLAR DIAGRAM



FREQUENCY RESPONSE DIAGRAM



DIMENSIONAL DIAGRAM



Measurements according to DIN EC 268-5

RoHS compliant (2011/65/EU)



This equipment is designed and manufactured to conform to the following EC standards:
 EMC: EN55103-1/E1, EN55103-2/E5, EN50121-4, ENV50204
 Safety: EN60065

Manufacturer

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