

## RL 206 SN Directional Speaker with Supercardioid Pattern




### Technical Data

The RL 206 SN is a 2-way directional speaker with a supercardioid pattern for targeted acoustic irradiation in rooms with long reverberation times. By delivering strong directivity across the entire frequency range, the RL 206 SN primarily focuses sound on the listening zone and only causes minimum reverberation when sound is reflected from walls and the ceiling. As a result, it reproduces music and speech very purely and clearly, even in rooms with long reverberation times.

Due to the way it is designed, the RL 206 SN has limited low-frequency characteristics. As a result, additional subwoofers should be used to compensate for this when playing music.

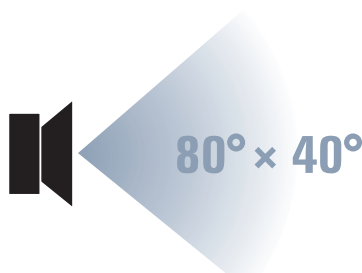
We recommend using a SUB 40 (A) or SUB 80 (A) subwoofer to supplement the bass range.

### Key Features

- Special Features
- Directional speaker with supercardioid pattern
- 2 × 6.5" woofer + 1" tweeter horn
- 240 watts power capacity
- 80° × 40° (H × V) nominal dispersion
- 105 Hz – 20 kHz frequency range
- 116 dB maximum SPL
- Extensive mounting accessories

### Fields of Application

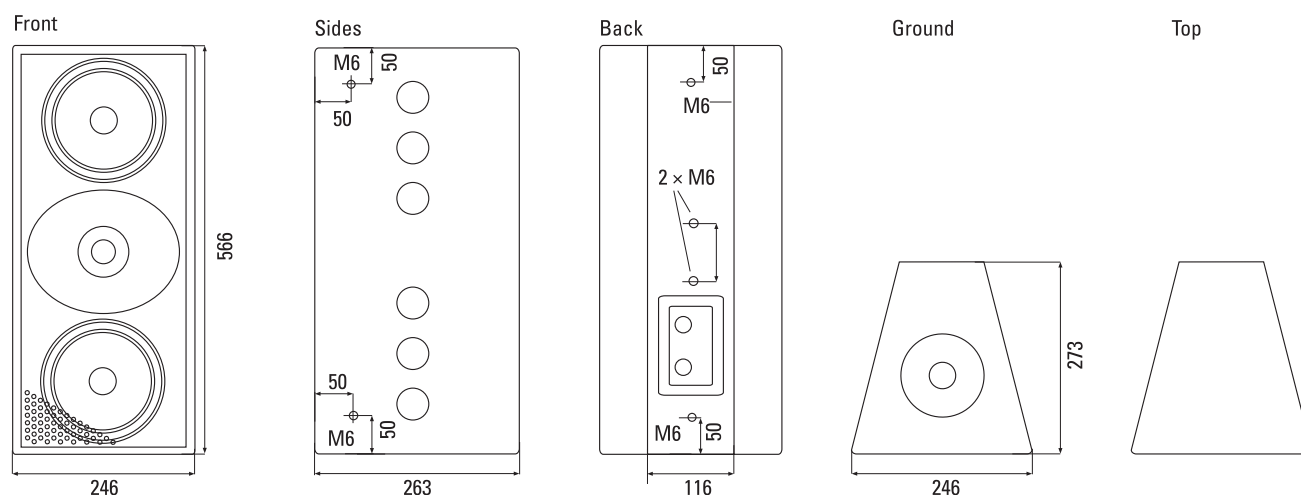
- Clubs, discotheques
- Concert halls, theatres
- Conference rooms
- Gastronomy
- Large rooms, halls
- PA and mobile systems



# RL 206 SN

## Directional Speaker with Supercardioid Pattern

### Dimensions



### Technical Data

Principle	2-way directional speaker with supercardioid pattern
Components	2 x 6,5" driver + 1" dome tweeter
Frequency range	105 Hz – 20 kHz
Impedance	8 ohms
Power capacity	120 watts RMS, 240 watts program
Sensitivity	93 dB (1 W @ 1 m)
Maximum SPL	116 dB @ 1 m
Nominal dispersion (H x V)	80° x 40°
Dimensions (B x H x T)	246 x 566 x 273 mm
Weight	10.5 kg
Cabinet	Plywood, suspension points M 6 on the side and at the rear, front metal grille lined with foam material, finish: varnish semi-matt
Connectors	2 x Speakon NL 4 MP
Warranty	5 years

### Model Order-No. Version

<b>RL 206 SN White</b>	0906-0001	RAL 9016
<b>RL 206 SN Black</b>	0906-0002	RAL 9005

Other colours and models on request

### Accessories Order-No. Version

<b>UB 206 White</b>	7114-0011	U-bracket
<b>UB 206 Black</b>	7114-0012	incl. mounting material



<b>WH 350 White</b>	7114-0028	Wall mount
<b>WH 350 Black</b>	7114-0029	

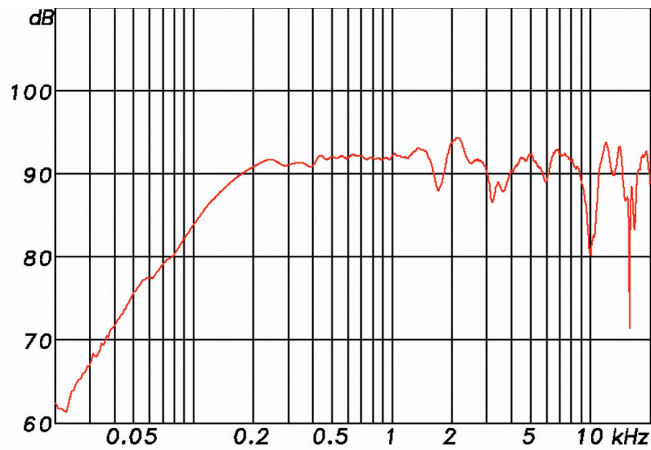


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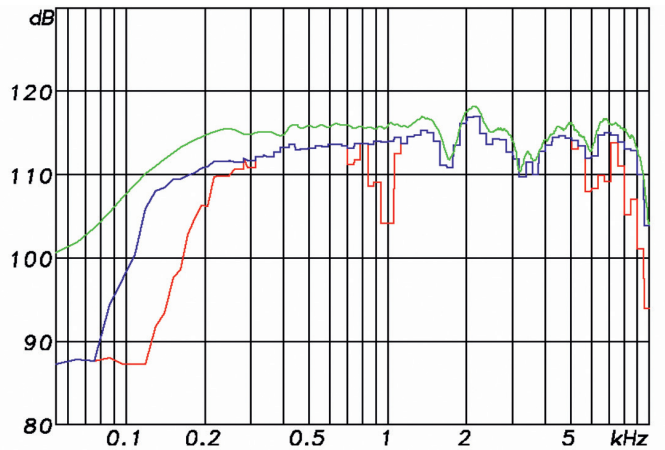
## Directional Speaker with Supercardoid Pattern

### Measuring Diagrams

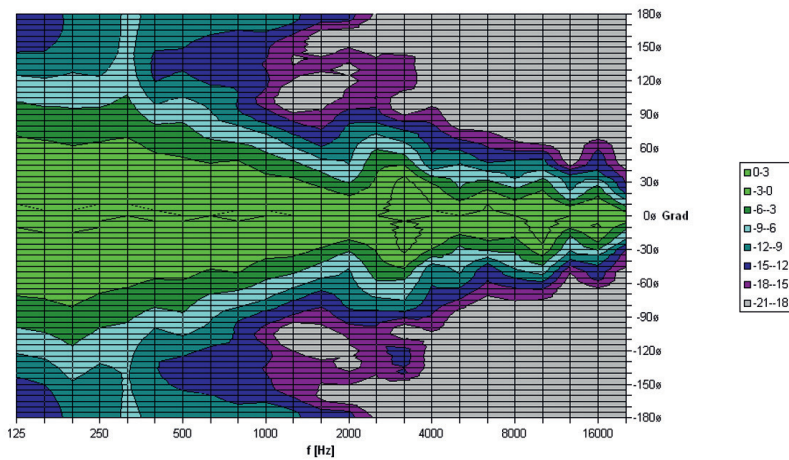
RL 206 SN Sens. 2,83V/1m: 90,8 dB (100-10k) 107 Hz - 20 kHz (-6 dB)



RL 206 SN Max. SPL @ 3% and 10% distortion threshold 240 W max. Power



RL 206 SN hor. Direktivität Plot



RL 206 SN vert. Direktivität Plot

