

Loudspeakers and Accessories



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Single Drivers / Accessories

New products

Fullrange Systems

- B 200 6 OHM
- BG 13 P 8 OHM
- BG 17 8 OHM
- BG 20 8 OHM
- F 8 SC 8 OHM
- FR 10 4 OHM
- FR 10 8 OHM
- FR 10 F 4 OHM
- FR 10 HM 4 OHM
- FR 10 HM 8 OHM
- FR 10 WP 4 OHM (black)
- FR 10 WP 4 OHM (white)
- FR 12 4 OHM
- FR 12 8 OHM
- FR 13 4 OHM
- FR 13 WP 4 OHM (black)
- FR 13 WP 4 OHM (white)
- FR 16 WP 4 OHM (black)
- FR 16 WP 4 OHM (white)
- FR 16 WP CL 100 V
- FR 6,5" 8 OHM
- FR 7 4 OHM
- FR 8 4 OHM
- FR 87 4 OHM
- FR 8 8 OHM
- FR 8 JS 8 OHM
- FR 8 WP 4 OHM (black)
- FR 8 WP 4 OHM (white)
- FR 8 WP 8 OHM (white)
- FR 9.15 4 OHM
- FRS 10 WP 4 OHM (black)
- FRS 10 WP 4 OHM (white)
- FRS 10 WP 8 OHM (black)
- FRS 10 WP 8 OHM (white)
- FRS 5 8 OHM
- FRS 7 4 OHM
- FRS 7 8 OHM
- FRS 7 S 8 OHM
- FRS 7 W 8 OHM
- FRS 8 4 OHM
- FRS 8 8 OHM
- FRS 8 M 8 OHM
- FRWS 5 4 OHM
- FRWS 5 8 OHM
- FRWS 5 R 8 OHM
- FRWS 5 SC 8 OHM
- K 50 8 OHM
- K 50 WP 50 OHM
- K 50 WP 8 OHM
- K 64 WP 50 OHM
- K 64 WP 8 OHM
- K 64 WPT 8 OHM

FR 13 4 OHM

Art. No. 4800

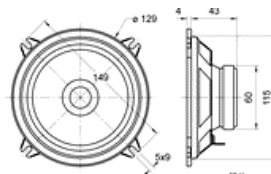
13 cm (5") [full-range loudspeaker](#) with an inverted [cone](#). Uniform [frequency response](#) and powerful low-frequency output. Simple installation e.g. in vehicles with loudspeaker mounts for 13 cm loudspeakers.

Typical applications:

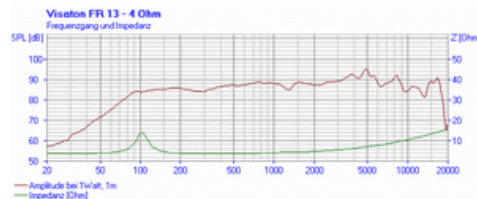
- Built into cars, busses or trains
- Electronic musical instruments
- Monitoring speaker for electronic devices

Used in / Accessories:

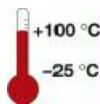
- [ARF 13](#)
- [GRILLE 13 R/162](#)
- [GRILLE 13 RS](#)



sketch



frequency- and impedance response



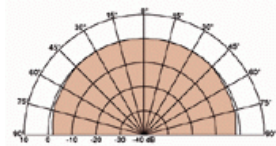
Technical Data:

Rated power	30 W
Maximum power	50 W
Nominal impedance Z	4 Ohm
Frequency response	65–20000 Hz
Mean sound pressure level	88 dB (1 W/1 m)
Maximum cone displacement	5 mm
Resonance frequency fs	100 Hz
Magnetic induction	0,85 T
Magnetic flux	160 μWb
Height of front pole-plate	3 mm
Voice coil diameter	20 mm
Height of winding	6 mm
Cutout diameter	116 mm
Net weight	0,29 kg
D.C. resistance Rdc	3,4 Ohm
Mechanical Q factor Qms	5,17
Electrical Q factor Qes	1,64
Total Q factor Qts	1,25
Equivalent volume Vas	6,1 l
Effective piston area Sd	87 cm²
Dynamically moved mass Mms	4,5 g
Force factor Bxl	2,3 T m
Inductance of the voice coil L	0,2 mH
Heat resistance	-25 ... 100 °C

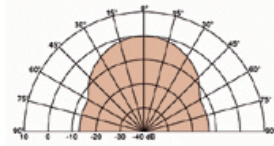
Similar Products

- [FR 12 4 OHM](#)
- [FR 12 8 OHM](#)
- [FR 13 WP 4 OHM \(black\)](#)
- [FR 13 WP 4 OHM \(white\)](#)

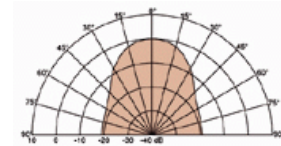
- R 10 S 4 OHM
- R 10 S 8 OHM
- R 10 SC 4 OHM
- R 10 SC 8 OHM
- SC 4.7 ND 4 OHM
- SC 4.7 ND 8 OHM
- SC 5.9 8 OHM
- SC 5.9 ND 4 OHM
- SC 5.9 ND 8 OHM
- SC 8 N 8 OHM
- SL 713 4 OHM
- SL 87 WPM 4 OHM
- SL 87 WPM 8 OHM



[radiation pattern 2000 Hz](#)



[radiation pattern 4000 Hz](#)



[radiation pattern 8000 Hz](#)

Woofers

- Bass Midranges
- Cone Midranges
- Dome Midranges
- Horn Midranges
- Ribbon Tweeter
- Dome Tweeters
- Horn Tweeters
- Cone Tweeters
- Coaxial Speakers
- Miniature Speakers
- Magnetically Shielded Speakers
- Waterproof Speakers
- Ceiling Speakers
- Re-Entrant Horn Speakers
- Slim Column Systems
- Cabinet-housed speakers
- PA Speakers
- Structure-borne drivers
- Crossovers
- Crossover Components
- Accessories
- Other Products
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