

Loudspeakers and Accessories



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Single Drivers / Accessories

New products

Fullrange Systems

B 200 6 OHM
 BF 45 4 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
 (black)
 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 5 X 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

R 10 S 8 OHM

Art. No. 2037

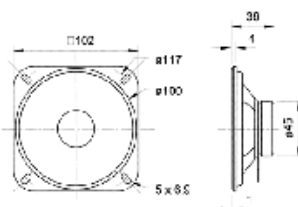
10 cm (4") fullrange speaker with high [efficiency](#) and balanced [frequency response](#). Especially suitable as control speaker for electronic devices.

Typical applications:

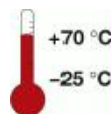
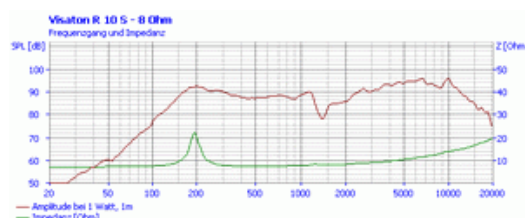
- Control speakers for electronic devices
- Ceiling- mounted speakers in railway carriages and busses
- Model construction

Used in / Accessories:

[GRILLE 10 ES](#)
[GRILLE 10 R/134](#)
[GRILLE 10 RS](#)
[GRILLE 10 PL](#)



sketch



Technical Data:

Rated power	20 W
Maximum power	30 W
Nominal impedance Z	8 Ohm
Frequency response	100–13000 Hz
Mean sound pressure level	90 dB (1 W/1 m)
Angle of sound emission	92°/4000 Hz
Maximum cone displacement	+/-1,5 mm
Resonance frequency fs	188 Hz
Magnetic induction	0,95 T
Magnetic flux	135 μWb
Height of front pole-plate	3 mm
Voice coil diameter	15 mm
Height of winding	4 mm
Cutout diameter	93 mm
Net weight	0,16 kg
D.C. resistance Rdc	7,2 Ohm
Mechanical Q factor Qms	6,27
Electrical Q factor Qes	2,92
Total Q factor Qts	1,99
Equivalent volume Vas	1,7 l
Effective piston area Sd	56 cm ²
Dynamically moved mass Mms	2 g
Force factor Bxl	2,0 Tm
Inductance of the voice coil L	0,5 mH
Heat resistance	-25 ... 70 °C

Similar Products

[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 \(black\)](#)

[K 50 8 OHM](#)
[K 50 SQ 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](#)
[R 10 S 4 OHM](#)
[R 10 S 8 OHM](#)
[R 10 SC 4 OHM](#)
[R 10 SC 8 OHM](#)
[SC 13 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](#)
[SL 87 XA 8 OHM](#)
[WS 13 E 8 OHM](#)

[FR 10 WP 4 OHM \(white\)](#)

[FRS 10 WP 4 OHM \(white\)](#)

[FRS 10 WP 8 OHM \(white\)](#)

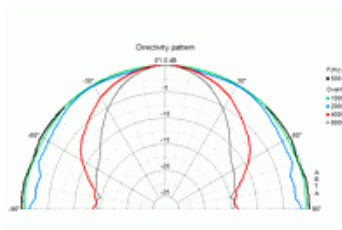
[R 10 SC 4 OHM](#)

[FRS 10 WP 4 OHM \(black\)](#)

[FRS 10 WP 8 OHM \(black\)](#)

[R 10 S 4 OHM](#)

[R 10 SC 8 OHM](#)



[directivity pattern](#)

- 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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