

Loudspeakers and Accessories



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Single Drivers / Accessories

New products

Fullrange Systems

- B 200 6 OHM
- BF 32 8 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 HMP 4 OHM
- FR 10 WP 4 OHM (black)
- FR 10 WP 4 OHM (white)
- FR 10 WPX 4 OHM (black)
- FR 10 WPX 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
- K 50 8 OHM
- K 50 SQ 8 OHM
- K 50 WP 16 OHM
- K 50 WP 50 OHM
- K 50 WP 8 OHM
- K 57 C 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

FRS 8 8 OHM

Art. No. 2004

8 cm (3.3") HiFi fullrange driver. Linear [frequency response](#) between 200 and 20000 Hz. Suitable for sur-round effect speakers, mini sub/sat systems. Due to the small size very suitable for model construction and as control speaker for electronic devices.

Typical applications:

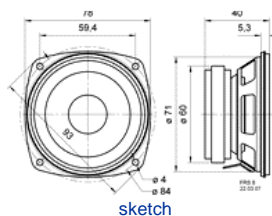
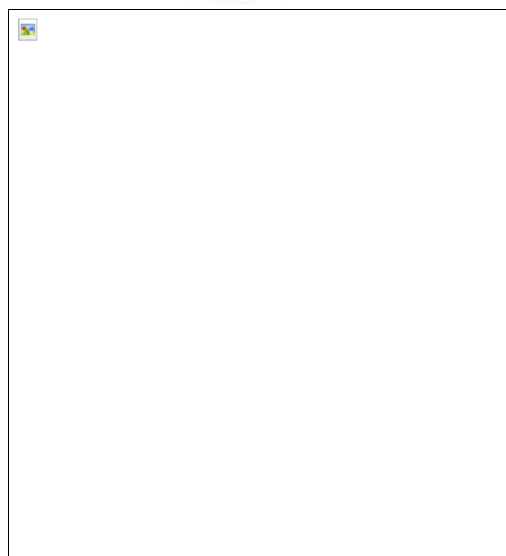
- Control speaker for electronic devices
- Ceiling-mounted speakers in railway carriages and busses
- Mini Hi-fi systems
- Model construction

Attributes:

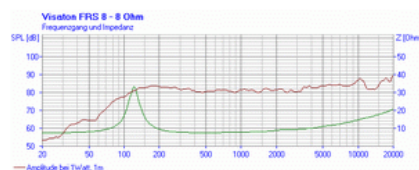
- Moisturised [cone](#)
- Metal basket

Used in / Accessories:

- [CT EFFECT 80](#)
- [GRILLE FRS 8](#)
- [GRILLE 8 ES](#)



sketch



frequency- and impedance response



Technical Data:

Rated power	30 W
Maximum power	50 W
Nominal impedance Z	8 Ohm
Frequency response	100–20000 Hz
Mean sound pressure level	82 dB (1 W/1 m)
Opening angle (-6 dB)	180°/4000 Hz
Excursion limit	+/-2,5 mm
Resonance frequency fs	120 Hz
Magnetic induction	0,8 T
Magnetic flux	200 μWb
Height of front pole-plate	4 mm
Voice coil diameter	20 mm
Height of winding	4,5 mm
Cutout diameter	73 mm
Net weight	0,28 kg
D.C. resistance Rdc	7,2 Ohm
Mechanical Q factor Qms	4,85
Electrical Q factor Qes	1,32
Total Q factor Qts	1,04
Equivalent volume Vas	0,9 l
Effective piston area Sd	31 cm²
Dynamically moved mass Mms	2,5 g
Force factor Bxl	3,2 T m
Inductance of the voice coil L	0,9 mH
Temperature range	-25 ... 70 °C

Similar Products

- [F 8 SC 8 OHM](#)
- [FR 8 4 OHM](#)
- [FR 87 4 OHM](#)
- [FR 8 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

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
 Archive

[FR 8 JS 8 OHM](#)

[FR 8 WP 4 OHM \(white\)](#)

[FR 8 WP 8 OHM \(white\)](#)

[FRS 8 M 8 OHM](#)

[SL 87 WPM 4 OHM](#)

[SL 87 XA 8 OHM](#)

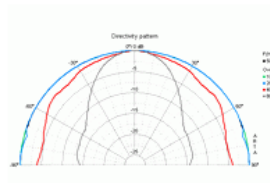
[FR 8 WP 4 OHM \(black\)](#)

[FR 8 WP 8 OHM \(black\)](#)

[FRS 8 4 OHM](#)

[SC 8 N 8 OHM](#)

[SL 87 WPM 8 OHM](#)



[directivity pattern](#)