

FRS 5 8 OHM

Art. No. 2231

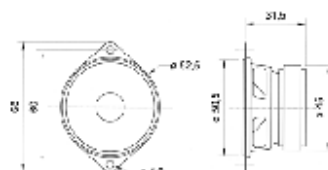
5 cm (2") full-range speaker with a special basket design featuring two fixing lugs. Suitable as a medium-range driver in speaker systems for HiFi and background music and for 100V PA systems. Thanks to the slim construction, also suitable as a control speaker in electronic devices.

Typical applications:

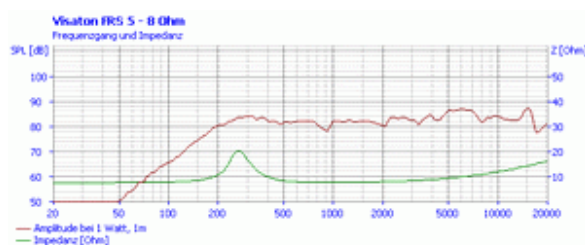
- Very narrow network column speakers
- Control speaker for electronic devices
- Model construction
- Electronic musical instruments

Attributes:

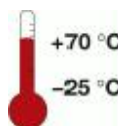
- Moisturised [cone](#)
- Metal basket



[sketch](#)



[frequency- and impedance response](#)

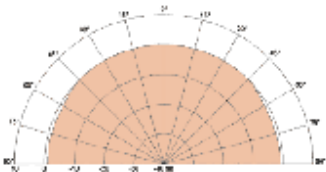


Technical Data:

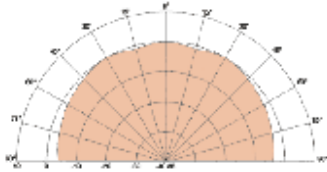
Rated power	5 W
Maximum power	8 W
Nominal impedance Z	8 Ohm
Frequency response	150–20000 Hz
Mean sound pressure level	84 dB (1 W/1 m)
Maximum cone displacement	4 mm
Resonance frequency fs	270 Hz
Magnetic induction	0,95 T
Magnetic flux	105 μWb
Height of front pole-plate	2,5 mm
Voice coil diameter	14 mm
Height of winding	3,7 mm
Cutout diameter	46 mm
Net weight	0,126 kg
D.C. resistance Rdc	7,2 Ohm
Mechanical Q factor Qms	3,19
Electrical Q factor Qes	1,81
Total Q factor Qts	1,15
Equivalent volume Vas	0,2 l
Effective piston area Sd	12 cm²
Dynamically moved mass Mms	0,5 g
Force factor Bxl	1,6 T m

Inductance of the voice coil L	0,2 mH
Heat resistance	−25 ... 70 °C

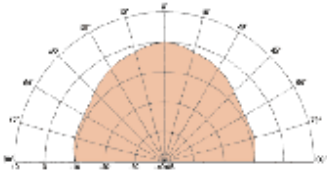
Similar Products	
FRWS 5 4 OHM	FRWS 5 8 OHM
FRWS 5 R 8 OHM	FRWS 5 SC 8 OHM
K 50 8 OHM	K 50 SQ 8 OHM
K 50 WP 50 OHM	K 50 WP 8 OHM



[Radiation pattern 2000 Hz](#)



[Radiation pattern 5000 Hz](#)



[Radiation pattern 10000 Hz](#)

