

FRS5

Visaton 5 cm (2") HiFi fullrange driver (2231)

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General description

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:

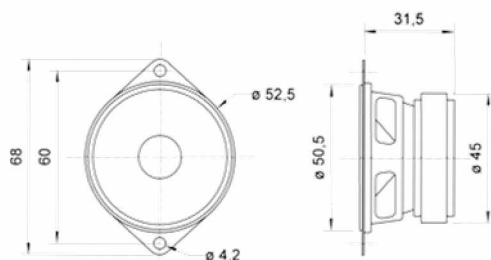
- Very narrow network column speakers
- Control speaker for electronic devices
- Model construction
- Electronic musical instruments

Attributes:

- Moisturised cone
- Metal basket

Technical Data:

Rated power 5 W
Maximum power 8 W
Nominal impedance 2.8 Ohm
Frequency response 150–20000 Hz
Mean sound pressure level 84 dB (1 W/1 m)
Maximum cone displacement 4 mm
Resonance frequency f_s 270 Hz
Magnetic induction 0,95 T
Magnetic flux 105 μ Wb
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 R_{dc} 7,2 Ohm
Mechanical Q factor Q_{ms} 3,19
Electrical Q factor Q_{es} 1,81
Total Q factor Q_{ts} 1,15
Equivalent volume V_{as} 0,2 l
Effective piston area S_d 12 cm²
Dynamically moved mass M_{ms} 0,5 g
Force factor B_{xl} 1,6 T m
Inductance of the voice coil L_0 0,2 mH
Heat resistance –25 ... 70 °C



drawing

Vibration IR2: S 1111hm
Frequencaquid brodatz

