VISATON GERMANY

# Breitbandlautsprecher

# FRS 7

**Art. No. 2011 – 4 Ω**
**Art. No. 2012 – 8 Ω**

## 6,5 cm (2,5“) Breitbandlautsprecher

mit ausgeglichenem Frequenzgang und sehr gutem Hochtonanteil. Besonders geeignet als Einbaulautsprecher für die Musikwiedergabe sowie zur Bestückung von ELA Zeilen. Für die Baugröße ungewöhnlich hoher Wirkungsgrad.

## 6.5 cm (2.5“) full-range speaker

with balanced frequency response and very good highs. Especially suitable as built-in speaker for music reproduction and as driver for 100 V network column speakers. Outstandingly high efficiency compared to the small size.

## Anwendungsmöglichkeiten

- Schmale ELA-Zeilen
- Kontroll-Lautsprecher für elektronische Geräte
- Modellbau
- Elektronische Musikinstrumente

## Typical applications

- Narrow network column speakers
- Control speakers for electronic devices
- Model construction
- Electronic musical instruments

| Eigenschaften | Attributes |
|---|---|
| ✔ Wasserfeste Membran | Water proof cone |
| ✔ Metallausführung | Metal basket |
| ✔ 100° C-temperaturfest | 100° C temperature resistant |

+100 °C
–25 °C

12/2006

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# Full-Range driver

# FRS 7

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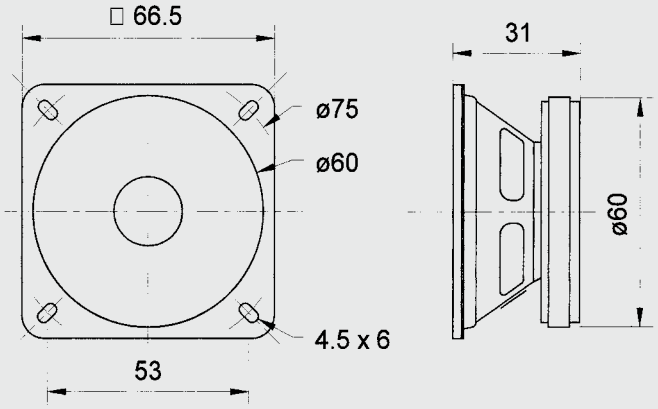
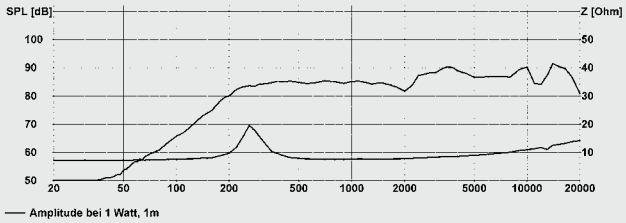
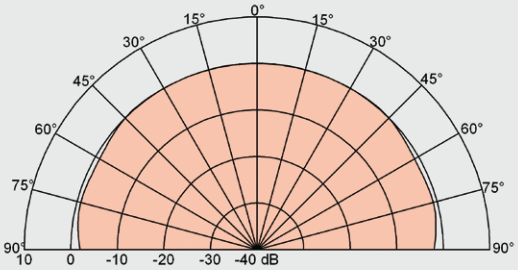


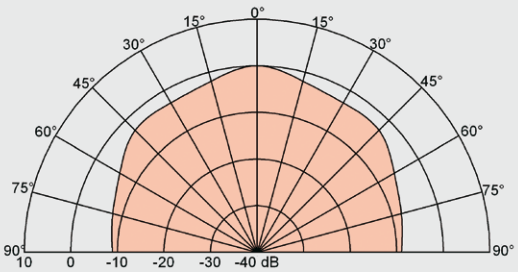

**Amplituden- und Impedanzfrequenzgang**
**Frequency and impedance response**

| Technische Daten | |
|---|---|
| Nennbelastbarkeit | 8 Watt |
| **Musikbelastbarkeit** | **15 Watt** |
| Impedanz | 4 + 8 Ω |
| Übertragungsbereich (–10 dB) | 200 – 20000 Hz |
| Mittlerer Schalldruckpegel | 88 dB (1 W/1 m) |
| Maximaler Hub | 3 mm |
| Resonanzfrequenz | 250 Hz |
| Magnetische Induktion | 1,2 Tesla |
| Magnetischer Fluss | 160 µ Weber |
| Obere Polplattenhöhe | 2 mm |
| Schwingspulendurchmesser | 14 mm Ø |
| Wickelhöhe | 3,5 mm |
| Schallwandöffnung | 61 mm Ø |
| Gewicht netto | 0,2 kg |

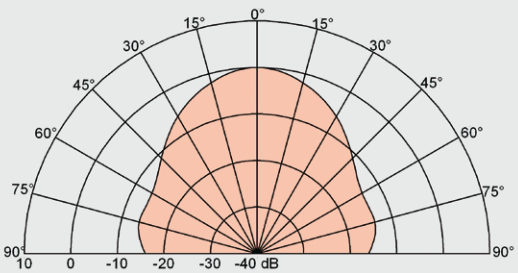



**Abstrahlcharakteristik / Radiation pattern 2000 Hz**

| Technical Data | |
|---|---|
| Rated power | 8 Watt |
| **Maximum power** | **15 Watt** |
| Impedance | 4 + 8 Ω |
| Frequency response (–10 dB) | 200 – 20000 Hz |
| Mean sound pressure level | 88 dB (1 W/1 m) |
| Maximum cone displacement | 3 mm |
| Resonant frequency | 250 Hz |
| Magnetic induction | 1,2 Tesla |
| Magnetic flux | 160 µ Weber |
| Height of front pole-plate | 2 mm |
| Voice coil diameter | 14 mm Ø |
| Height of winding | 3,5 mm |
| Cutout diameter | 61 mm Ø |
| Net weight | 0,2 kg |




**Abstrahlcharakteristik / Radiation pattern 5000 Hz**




**Abstrahlcharakteristik / Radiation pattern 10000 Hz**

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