声 播 科 技
WAVE SOUND

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Engineered and tested in-house · Klippel / CLIO

RD3825

1" HF COMPRESSION DRIVER





40 W
power handling

111 dB
sensitivity (1 W / 1 m)

38 mm (1.5 in)
voice coil

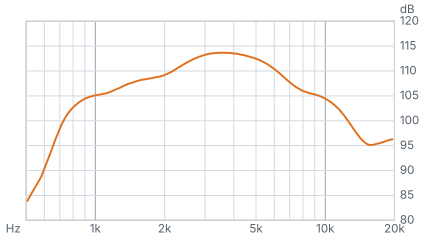
760 Hz – 12 kHz
frequency range

FEATURES

- 38 mm (1.5 in) voice coil
- 25.4 mm (1 in) throat exit
- Neodymium ring magnet motor, compact and lightweight
- Polymer dome diaphragm
- 111 dB, 1 W / 1 m on horn
- 100% in-line tested: frequency sweep and max-power listening check

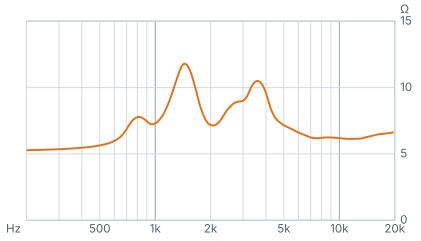
FREQUENCY RESPONSE

1 W / 1 m



IMPEDANCE

Ω, on horn



SPECIFICATIONS

Throat Diameter	**25.4 mm (1 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.1 Ω**
DC Resistance (R_e)	**5.1 Ω**
Power Handling	
Rated[1]	**40 W**
Continuous Program[2]	**80 W**
Peak[2]	**160 W**
Sensitivity (1 W / 1 m)[3]	**111 dB**
Frequency Range[4]	**760 Hz – 12 kHz**
Recommended Crossover	**1.6 kHz (12 dB/oct)**

CONSTRUCTION

Voice Coil Diameter	**38 mm (1.5 in)**
Diaphragm	**Polymer dome diaphragm**
Magnet Material	**Neodymium (ring magnet)**

DIMENSIONS

Overall Diameter	**70 mm**
Depth	**60 mm**

[1] Rated power: AES standard, pink noise, 2 h, 12 dB/oct high-pass at 1.6 kHz.
[2] Program power is defined as 3 dB above the rated power; peak 4× rated.
[3] Sensitivity: 2.83 V (1 W at 8 Ω nominal), 1 m on axis, driver on horn, average 1–7 kHz.
[4] Frequency range: −10 dB points of the on-horn response, 1/3-octave smoothed.

Full datasheet (distortion, impedance with and without horn) available on request.

Specifications subject to change without notice.