

DSM 50 FFL 8 OHM

50 mm (2") High-End titanium dome driver for the midrange band between 800 and 5000 Hz. Due to the enormously strong and ultra-light titanium dome and in conjunction with a highly damped surround, linear [frequency response](#) and no partial oscillations. Due to the enormously high [magnetic flux](#) in the ferrofluid-filled air-gap a high [efficiency](#) and high power handling are possible.



Used in / Accessories:

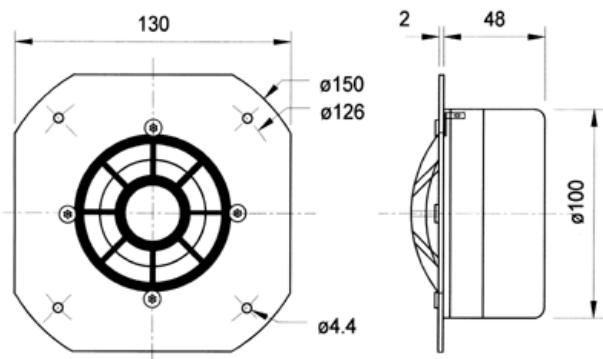
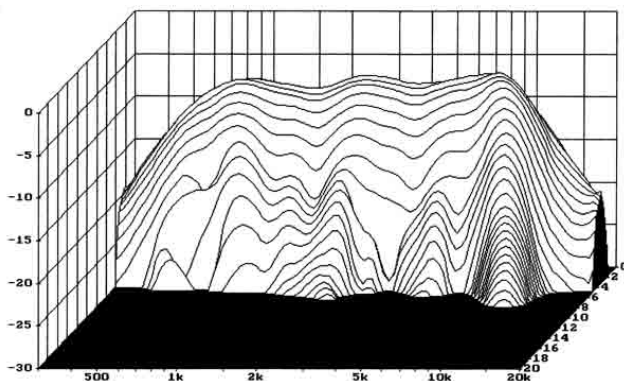
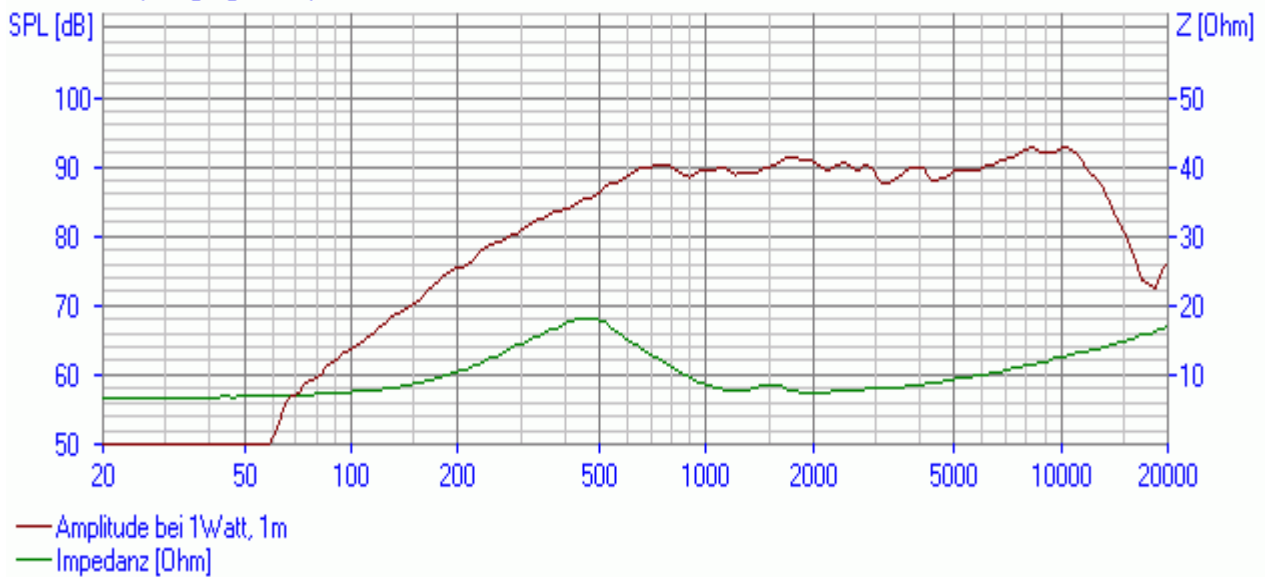
[CASABLANCA MK IV](#)

[Spare diaphragms](#)

[ATLAS COMPACT MK V](#)

Visaton DSM 50 FFL - 8 Ohm

Frequenzgang und Impedanz



Technical Data:

Nominal power handling with high pass	120 W (12 dB/Okt.; 800 Hz)
Peak power handling with high pass	180 W (12 dB/Okt.; 800 Hz)
Nominal impedance Z	8 Ohm
Frequency response	400–15000 Hz
Mean sound pressure level	90 dB (1 W/1 m)
Angle of sound emission	180°/4000 Hz
Resonance frequency fs	430 Hz
Magnetic induction	1,4 T
Magnetic flux	880 μ Wb
Height of front pole-plate	3,5 mm
Voice coil diameter	50 mm
Height of winding	3 mm
Cutout diameter	106 mm
Net weight	1,26 kg
D.C. resistance Rdc	6,7 Ohm
Mechanical Q factor Qms	1,19
Electrical Q factor Qes	0,7
Total Q factor Qts	0,44
Equivalent volume Vas	0,05
Effective piston area Sd	20 cm ²
Dynamically moved mass Mms	1,2 g
Inductance of the voice coil L	0,16 mH