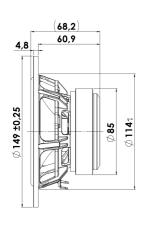


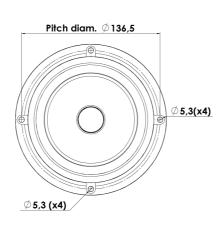
DISCOVERY

MIDRANGE

15M/4624G00

The Discovery series offer traditional design, superior sound, a solid construction, and a wide range of variants. Combining these elements - plus a wealth of technical features and finesses - it gives our customers the possibility of acquiring a tailor-made Scan-Speak solution with very good performance at a reasonable low price point!







KEY FEATURES:

- · High Output 92,5dB @ 2,83V
- · Coated NRSC Fibre Glass Cone
- · Die cast Alu Chassis vented below spider

T-S Parameters

100 Hz
5.62
0.47
0.43
5.3 Tm
0.69 kg/s
6.2 g
0.41 mm/N
101 mm
80 cm ²
3.7
92.4 dB
2.96 N/√W
231 Hz

Notes:

IEC specs. refer to IEC 60268-5 third edition. All Scan-Speak products are RoHS compliant. Data are subject to change without notice. Datasheet updated: February 22, 2011.

- Phase Plug for Improved Phase Linearity
- · Very Low Damping Foam Surround (Coated)
- Magnet System w. Alu Ring

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	4.1 Ω
Maximum impedance [Zo]	41.5 Ω
DC resistance [Re]	3.2 Ω
Voice coil inductance [Le]	0.23 mH

Power Handling

100h RMS noise test (IEC 17.1)*	75 W
Long-term max power (IEC 17.3)*	- W
*Filter: 2. order HP Butterworth, 200 Hz	

Voice Coil and Magnet Data

Voice coil diameter	25 mm
Voice coil height	8 mm
Voice coil layers	2
Height of gap	5 mm
Linear excursion	± 1.5 mm
Max mech. excursion	± 8 mm
Unit weight	1 kg

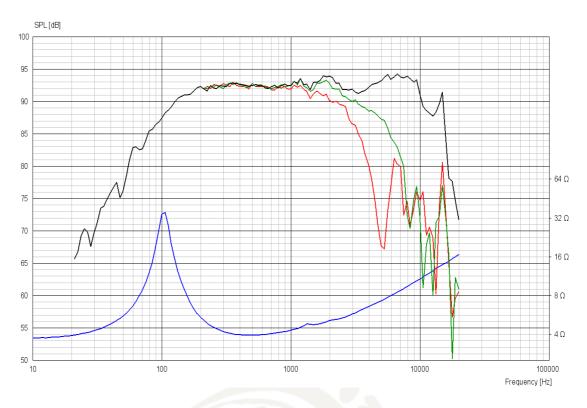




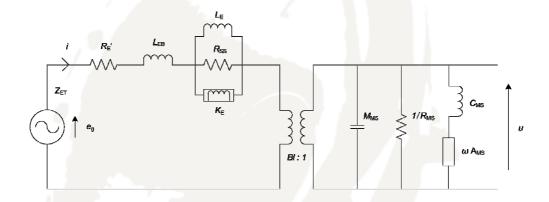
DISCOVERY

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Advanced Parameters (Preliminary)



Electrical data:

Resistance [Re']	- Ω
Free inductance [Leb]	- mH
Bound inductance [Le]	- mH
Semi-inductance [Ke]	- SH
Shunt resistance [Rss]	- Ω

Mechanical Data

Force Factor [BI]	- Tm
Moving mass [Mms]	- g
Compliance [Cms]	- mm/N
Mechanical resistance [Rms]	- kg/s
Admittance [Ams]	- mm/N

