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 fineses - 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:**
- 56mm Peak Excursion, 25mm Linear
- Low Resonance Freq. 17Hz
- Magnet System w. Alu Ring
- High Output 90dB @ 2,83V
- Anodized Alu Cone, Fibre Glass Dust Cap
- Die cast Alu Chassis vented below spider

**T-S Parameters**
- Resonance frequency [fs] 17 Hz
- Mechanical Q factor [Qms] 5.01
- Electrical Q factor [Qes] 0.34
- Total Q factor [Qts] 0.32
- Force factor [Bl] 10.5 Tm
- Mechanical resistance [Rms] 2.88 kg/s
- Moving mass [Mms] 135 g
- Suspension compliance [Cms] 0.65 mm/N
- Effective diaph. diameter [D] 244 mm
- Effective piston area [Sd] 466 cm²
- Equivalent volume [Vas] 197 l
- Sensitivity (2.83V/1m) 89 dB
- Ratio Bl/vRe 6.51 N/V/W
- Ratio fs/Qts 53 Hz

**Electrical Data**
- Nominal impedance [Zn] 4 Ω
- Minimum impedance [Zmin] 3.3 Ω
- Maximum impedance [Zo] 40.9 Ω
- DC resistance [Re] 2.6 Ω
- Voice coil inductance [Le] 0.83 mH

**Power Handling**
- 100h RMS noise test (IEC 17.1) 150 W
- Long-term max power (IEC 17.3) 350 W

**Voice Coil and Magnet Data**
- Voice coil diameter 51 mm
- Voice coil height 33 mm
- Voice coil layers 4
- Height of gap 8 mm
- Linear excursion ± 12.5 mm
- Max mech. excursion ± 28 mm
- Unit weight 6.3 kg

---

Notes:
All Scan-Speak products are RoHS compliant.
Data are subject to change without notice.
**SUBWOOFER**

**30W/4558T00**

---

**Advanced Parameters (Preliminary)**

**Electrical data:**
- Resistance \([R_e']\): 3.00 Ω
- Free inductance \([L_{eb}]\): 0.153 mH
- Bound inductance \([L_e]\): 1.13 mH
- Semi-inductance \([L_{se}]\): 0.0782 SH
- Shunt resistance \([R_{ss}]\): 6889 Ω

**Mechanical Data:**
- Force Factor \([B_l]\): 9.75 Tm
- Moving mass \([M_{ms}]\): 135 g
- Compliance \([C_{ms}]\): 0.598 mm/N
- Mechanical resistance \([R_{ms}]\): 0.160 kg/s
- Admittance \([A_{ms}]\): 0.0965 mm/N

---

N.C. Madsensvej 1 · 6920 Videbæk · Denmark · Phone: +45 6040 5200 · www.scan-speak.dk