The Revelator midranges are well known for their sliced paper cone technology. The slices are filled with damping glue, which dramatically reduces break-up modes in the diaphragm. In combination with Scan-Speaks low-loss linear suspension and the patented Symmetrical Drive (SD-1) it represented a breakthrough in midrange clarity and overall smooth frequency response characteristics.

**KEY FEATURES:**
- Excellent Midrange Reproduction
- Sliced Cone (Controls Cone Breakups)
- High Output 90dB @ 2.83V
- Patented Symmetrical Drive motor design
- Low-loss linear suspension
- Die cast Alu Chassis vented below spider

**T-S Parameters**
- Resonance frequency \([fs]\) 35 Hz
- Mechanical Q factor \([Qms]\) 4.80
- Electrical Q factor \([Qes]\) 0.24
- Total Q factor \([Qts]\) 0.23
- Force factor \([Bl]\) 6 Tm
- Mechanical resistance \([Rms]\) 0.50 kg/s
- Moving mass \([Mms]\) 11 g
- Suspension compliance \([Cms]\) 1.88 mm/N
- Effective diph. diameter \([D]\) 110 mm
- Effective piston area \([Sd]\) 95 cm²
- Equivalent volume \([Vas]\) 23.8 l
- Sensitivity (2.83V/1m) 90 dB
- Ratio Bl/v/Re 3.21 N/V/W
- Ratio fs/Qts 153 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.

**Electrical Data**
- Nominal impedance \([Zn]\) 4 Ω
- Minimum impedance \([Zmin]\) 4.2 Ω
- Maximum impedance \([Zo]\) 73.5 Ω
- DC resistance \([Re]\) 3.5 Ω
- Voice coil inductance \([Le]\) 0.17 mH

**Power Handling**
- 100h RMS noise test (IEC 17.1) 50 W
- Long-term max power (IEC 17.3) 150 W

**Voice Coil and Magnet Data**
- Voice coil diameter 38 mm
- Voice coil height 11 mm
- Voice coil layers 2
- Height of gap 5 mm
- Linear excursion ± 3 mm
- Max mech. excursion ± 8 mm
- Unit weight 1.7 kg
Advanced Parameters (Preliminary)

Electrical data:
- Resistance \([Re']\) = 3.73 \(\Omega\)
- Free inductance \([Leb]\) = 0.0639 mH
- Bound inductance \([Le]\) = 0.5904 mH
- Semi-inductance \([Ke]\) = 0.0184 SH
- Shunt resistance \([Rss]\) = 1812 \(\Omega\)

Mechanical data:
- Force Factor \([Bl]\) = 6.19 Tm
- Moving mass \([Mms]\) = 15.0 g
- Compliance \([Cms]\) = 0.950 mm/N
- Mechanical resistance \([Rms]\) = 0.131 kg/s
- Admittance \([Ams]\) = 0.122 mm/N