The 3/4" tweeters D2008 and D2010 are among the many highly praised designs in Classic series. They have enjoyed success for more than 35 years. And still among the best tweeters available.

**KEY FEATURES:**

- 3/4" Textile Dome Diaphragm
- Dual Rear Chamber
- Wide Dispersion
- Vented Pole Piece

### T-S Parameters

- **Resonance frequency** [fs] 650 Hz
- **Mechanical Q factor** [Qms] 1.90
- **Electrical Q factor** [Qes] 0.81
- **Total Q factor** [Qts] 0.57
- **Force factor** [Bl] 2.4 Tm
- **Mechanical resistance** [Rms] 0.43 kg/s
- **Moving mass** [Mms] 0.2 g
- **Suspension compliance** [Cms] 0.30 mm/N
- **Effective diaph. diameter** [D] 22 mm
- **Effective piston area** [Sd] 3.8 cm²
- **Equivalent volume** [Vas] 0.01 l
- **Sensitivity (2.83V/1m)** 89 dB
- **Ratio Bl/√Re** 1.01 N/√W
- **Ratio fs/Qts** 1147 Hz

### Electrical Data

- **Nominal impedance** [Zn] 8 Ω
- **Minimum impedance** [Zmin] 7.1 Ω
- **Maximum impedance** [Zo] 19.1 Ω
- **DC resistance** [Re] 5.7 Ω
- **Voice coil inductance** [Le] 0.08 mH

### Power Handling

- **100h RMS noise test (IEC 17.1)*** 90 W
- **Long-term max power (IEC 17.3)*** 150 W
  
* Filter: 2. order HP Butterworth, 4 kHz

### Voice Coil and Magnet Data

- **Voice coil diameter** 19.4 mm
- **Voice coil height** 3.2 mm
- **Voice coil layers** 2
- **Height of gap** 1.7 mm
- **Linear excursion** ± 0.8 mm
- **Max mech. excursion** ± 1.2 mm
- **Unit weight** 0.4 kg

**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.
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 [Bl] - Tm
- Moving mass [Mms] - g
- Compliance [Cms] - mm/N
- Mechanical resistance [Rms] - kg/s
- Admittance [Ams] - mm/N