Type Number: D2904/710000

Features:

The Revelator series has for years been celebrated for producing the best sounding electro dynamic transducers in the world. Since ScanSpeak was founded in 1970, the audio engineers and R&D experts working on the line have been on a quest to create drivers that reveal all the sound in recordings, hiding nothing from the listener. This quest has resulted in several revolutionary inventions that remove distortion in the magnet systems and in the moving parts of the speaker. The philosophy is that the sound has to be very dynamic, giving a perfect transient response and providing tonal balance.

In the Revelator tweeters, additional enhancements have been made to reduce distortion and power compression, and to optimize airflow in the chambers, producing several unique tweeter designs.

Driver Highlights: 1” soft dome, SD-2 neodymium motor, non resonant aluminium chamber, multiple chamber low compression design, machined aluminium faceplate.

Specs:

**Electrical Data**
- Nominal impedance: Zn 4 ohm
- Minimum impedance: Zmin -- ohm
- Maximum impedance: Zo -- ohm
- DC resistance: Re 3 ohm
- Voice coil inductance: Le 0.01 mH

**T-S Parameters**
- Resonance Frequency: fs 520 Hz
- Mechanical Q factor: Qms --
- Electrical Q factor: Qes --
- Qts --
- Bl 2.8 Tm
- Rms -> Kg/s
- Mms 0.35 g
- Cms -- mm/N
- D -- cm
- Sd 7 cm
- Vas -- ltrs
- Sensitivity (2.83V/1m): 94.5 dB

**Power handling**
- 100h RMS noise test (IEC): 160 W
- Long-term Max Power (IEC 18.3): -- W
- Short Term Max power (IEC 18.2): -- W

**Voice Coil and Magnet Parameters**
- Voice coil diameter: 25 mm
- Voice coil height: -- mm
- Voice coil layers: --
- Height of the gap: -- mm
- Linear excursion +/-: 0.2 mm
- Max mech. excursion +/-: 1.6 mm
- Flux density of gap: -- mWb
- Total useful flux: -- mWb
- Diameter of magnet: -- mm
- Height of magnet: -- mm
- Weight of magnet: -- Kg

Notes:
IEC specs refer to IEC 60268-5 third edition. All ScanSpeak products are RoHS compliant.
Frequency: D2904/710000

SPL [dB]

Frequency [Hz]

Mechanical Dimensions: D2904/710000

Drawing Dimensions
Outside Diameter
Flange Thickness
Magnet Diameter
Cutout Diameter
Interior Depth
Hole Diameter
Screw Circle Diameter