Revelator 5¾ Midwoofer

Type Number: 15W/8831G00

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.

One of the latest inventions realized in the Revelator midrange design is the sliced paper cone, which reduces breakup modes in the membrane dramatically. The result is an undisputed clarity in sound.

Driver Highlights:
- Low loss linear suspension
- Sliced paper cone
- Patented SD-1 magnet system (symmetrical Drive)
- Rubber cover on magnet system

This unit is same as 15W/8531K00 + Rubber Boot

Specs:

**Electrical Data**
- Nominal impedance: 8 ohm
- Minimum impedance: - ohm
- Maximum impedance: - ohm
- DC resistance: 5.8 ohm
- Voice coil inductance: 0.35 mH

**T-S Parameters**
- Resonance Frequency (fs): 32 Hz
- Mechanical Q factor (Qms): 5.23
- Electrical Q factor (Qes): 0.33
- Total Q factor (Qts): 0.31
- Mechanical resistance (Bl): 6.8 Tm
- Rms: 0.5 Kg/s
- Mms: 13 g
- Cms: - mm/N
- Effective cone diameter (D): - cm
- Effective piston area (Sd): 95 cm²
- Equivalent volume (Vas): 28 ltrs
- Sensitivity (2.83V/1m): 85.5 dB

**Power handling**
- 100h RMS noise test (IEC): 60 W

**Voice Coil and Magnet Parameters**
- Voice coil diameter: 38 mm
- Voice coil height: 18 mm
- Voice coil layers: 2
- Height of the gap: 5 mm
- Linear excursion +/-: 6.5 mm
- Max mech. excursion +/-: 9 mm
- Diameter of magnet: 110 mm
- Height of magnet: 18 mm
- Weight of magnet: 0.69 Kg
- Unit net. weight: 1.75 Kg

Notes:
All ScanSpeak products are RoHS compliant.