

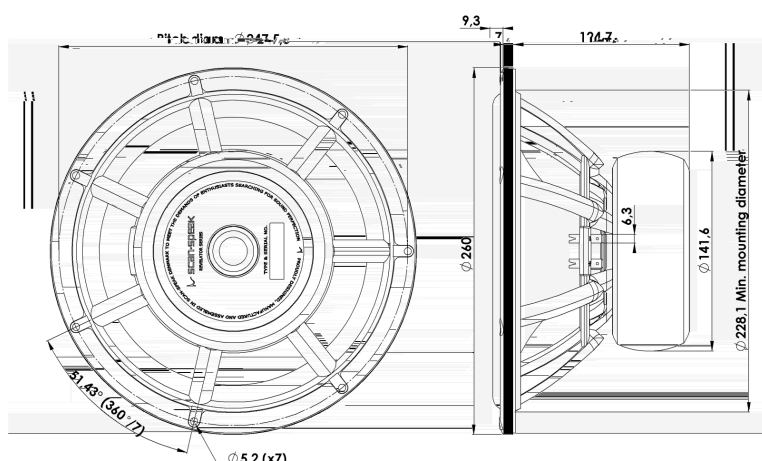


# REVELATOR

## WOOFER

## 26W/8861T00

The Revelator woofers and subwoofers features very rigid cones in paper or aluminium that operates as a piston over a wide frequency range, in combination with Scan-Speaks low-loss linear suspension and the patented Symmetrical Drive (SD-1) it results in very low distortion and a smooth and well behaved frequency response as well as perfect transient reproduction.



### KEY FEATURES:

- Patented Symmetrical Drive Motor Design
- Low-Loss linear suspension
- Die cast Alu Chassis vented below spider
- Rigid Paper Cone
- Low Damping SBR Rubber Surround
- Ferrite Magnet System w. Rubber Boot

#### T-S Parameters

|                               |                     |
|-------------------------------|---------------------|
| Resonance frequency [fs]      | 19 Hz               |
| Mechanical Q factor [Qms]     | 5.20                |
| Electrical Q factor [Qes]     | 0.33                |
| Total Q factor [Qts]          | 0.31                |
| Force factor [Bl]             | 9.9 Tm              |
| Mechanical resistance [Rms]   | 1.00 kg/s           |
| Moving mass [Mms]             | 43.5 g              |
| Suspension compliance [Cms]   | 1.61 mm/N           |
| Effective diaph. diameter [D] | 202 mm              |
| Effective piston area [Sd]    | 320 cm <sup>2</sup> |
| Equivalent volume [Vas]       | 231 l               |
| Sensitivity (2.83V/1m)        | 88.5 dB             |
| Ratio Bl/√Re                  | 3.98 N/√W           |
| Ratio fs/Qts                  | 61 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]     | 8 Ω     |
| Minimum impedance [Zmin]   | 7.1 Ω   |
| Maximum impedance [Zo]     | 104 Ω   |
| DC resistance [Re]         | 6.2 Ω   |
| Voice coil inductance [Le] | 0.35 mH |

#### Power Handling

|                                |       |
|--------------------------------|-------|
| 100h RMS noise test (IEC 17.1) | 170 W |
| Long-term max power (IEC 17.3) | - W   |

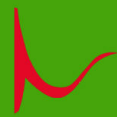
#### Voice Coil and Magnet Data

|                     |         |
|---------------------|---------|
| Voice coil diameter | 50 mm   |
| Voice coil height   | 24 mm   |
| Voice coil layers   | 2       |
| Height of gap       | 6 mm    |
| Linear excursion    | ± 9 mm  |
| Max mech. excursion | ± 14 mm |
| Unit weight         | 3.7 kg  |



# SCANSPEAK

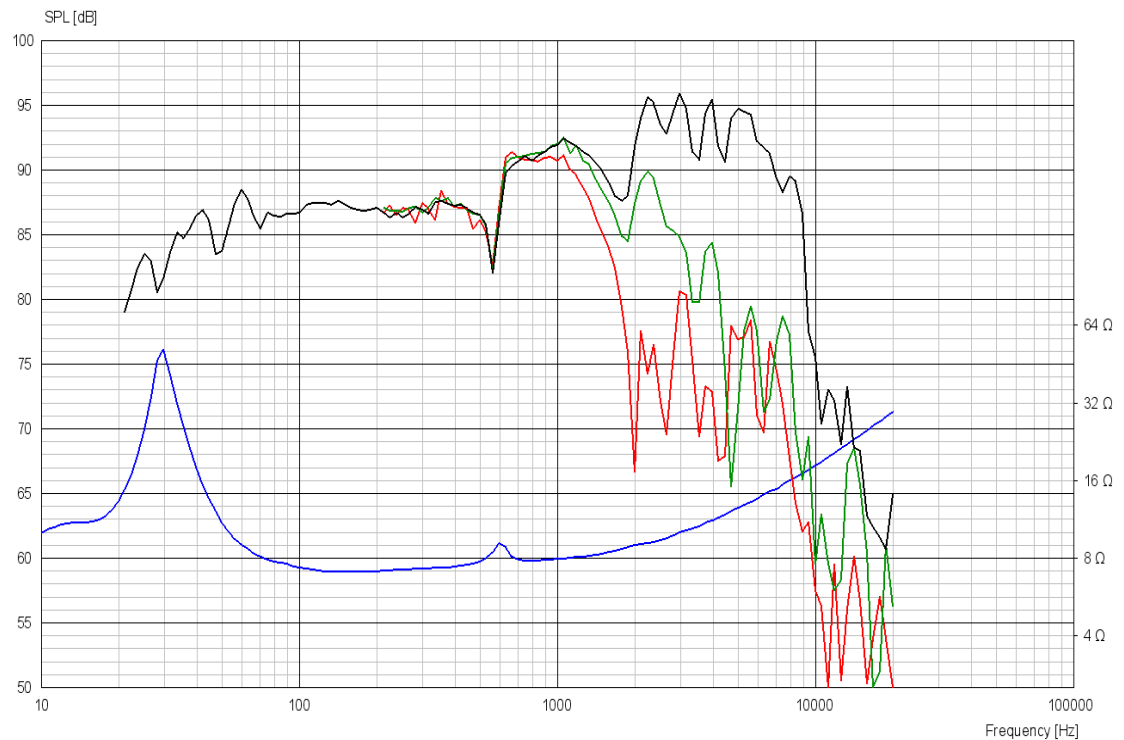
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## Advanced Parameters (Preliminary)

