Revelator
10″ Woofer

Type Number: 26W/4867T00

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.

The latest generation of the Revelator woofers incorporates a new aluminum cone design, resulting in an impressive transient response. The output is incredibly natural sounding bass that challenges the listener to tell the difference between the real thing and its reproduction.

Driver Highlights: Low loss linear suspension, SD-1 motor system, aluminium cone

Specs:

Electrical Data

Nominal impedance	Zn 4 ohm	
Minimum impedance	Zmin -- ohm	
Maximum impedance	Zo -- ohm	
DC resistance	Re 3.7 ohm	
Voice coil inductance	Le 0.25	mH

T-S Parameters

Resonance Frequency	fs 18 Hz	
Mechanical Q factor	Qms 5.8	
Electrical Q factor	Qes 0.31	
Total Q factor	Qts 0.3	
Force factor	Bl 8.3 Tm	
Mechanical resistance	Rms 1 Kg/s	
Moving mass	Mms 51 g	
Suspension compliance	Cms -- mm/N	
Effective cone diameter	D -- cm	
Effective piston area	Sd 320 cm^2	
Equivalent volume	Vas 223 ltrs	
Sensitivity (2.83V/1m)	89	dB
Ratio BL/$\sqrt{}$(Re)	--	
Ratio fs/Qts	F --	

Power handling

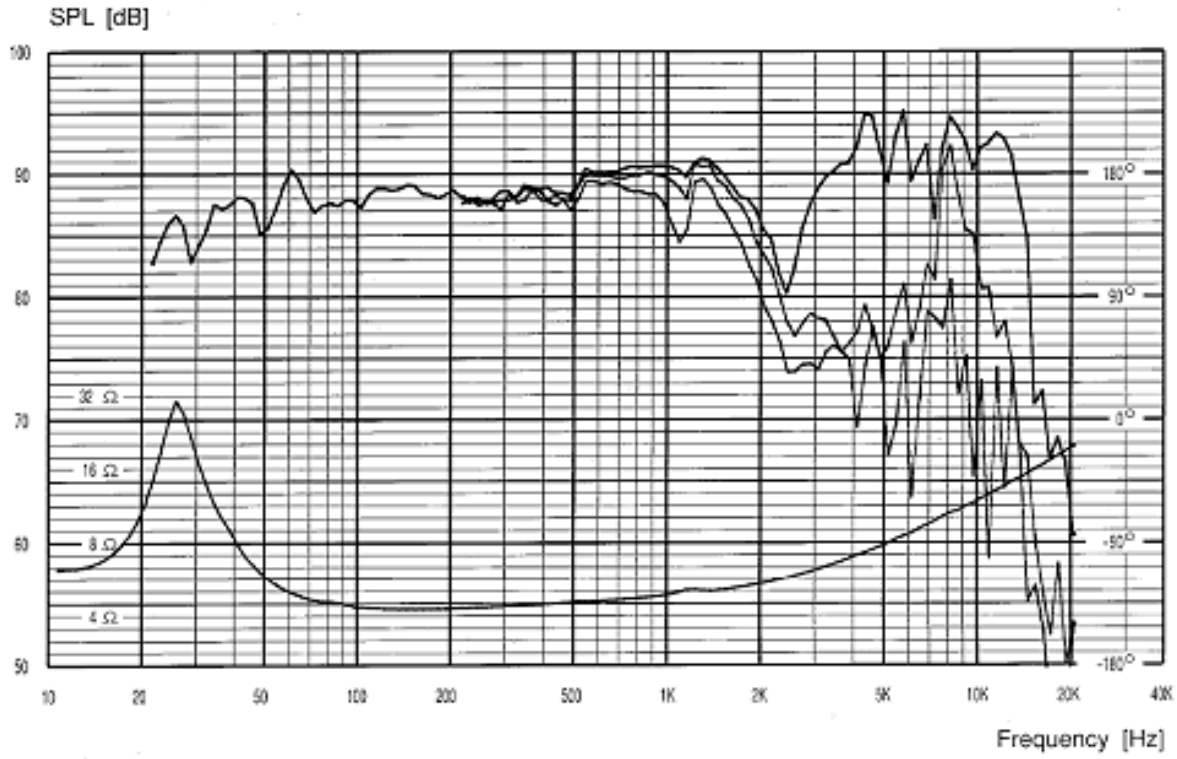
100h RMS noise test (IEC)	170 W
Long-term Max Power (IEC 18.3)	-- W
Max linear SPL (rms) @ power	-- dB/W
Short Term Max power (IEC 18.2)	-- W

Voice Coil and Magnet Parameters

Voice coil diameter	50 mm
Voice coil height	-- mm
Voice coil layers	--
Height of the gap	-- mm
Linear excursion +/-	9 mm
Max mech. excursion +/-	14 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: 26W/4867T00



Mechanical Dimensions:26W/4867T00