Revelator 6.5" PR

SCANSPEAK

Type Number: 18W/0-00-01

Features:

The Revelator 18W passive radiator is intended for slave systems. This finish is un-coated, matching the uncoated Revelators.

It utilizes a standard-roll spider with good stability, high linearity and proper excursion limitation.

Suggested box with e.g. 18W/4531G00, start out with e.g. 24-25 liter box, use one or two passive radiators. If the box tuning is too high, try adding 5 gram pieces to the aluminium block on the rear side (5, 10 and up to 15 gram). The speaker is prepared for applying added weight with an M4 screw thread in the aluminium block. When trimming is completed, apply glue to the screw holding the added weight to lock it and prevent potential rattle.

Specs:

Electrical Data			
Nominal impedance	Zn	-	ohm
Minimum impedance	Zmin	-	ohm
Maximum impedance	Zo	-	ohm
DC resistance	Re	-	ohm
Voice coil inductance	Le	-	mH

T-S Parameters			
Resonance Frequency	fs	20,2	Hz
Mechanical Q factor	Qms	7,10	
Electrical Q factor	Qes	-	
Total Q factor	Qts	-	
Force factor	Bl	-	Tm
Mechanical resistance	Rms	0,6	Kg/s
Moving mass	Mms	33,5	g
Suspension compliance	Cms	1,85	mm/N
Effective cone diameter	D	13,8	cm
Effective piston area	Sd	150	cm2
Equivalent volume	Vas	59	ltrs
Sensitivity (2.83V/1m)		-	dB
Ratio BL/√(Re)		-	
Ratio fs/Qts	F	-	

Power Handling		
100h RMS noice test (IEC)	-	W
Long-term Max Power (IEC18.3)	-	W
Max linear SPL (rms) @ power	-	dB/W
Short-term Max Power (IEC18.2)	-	W

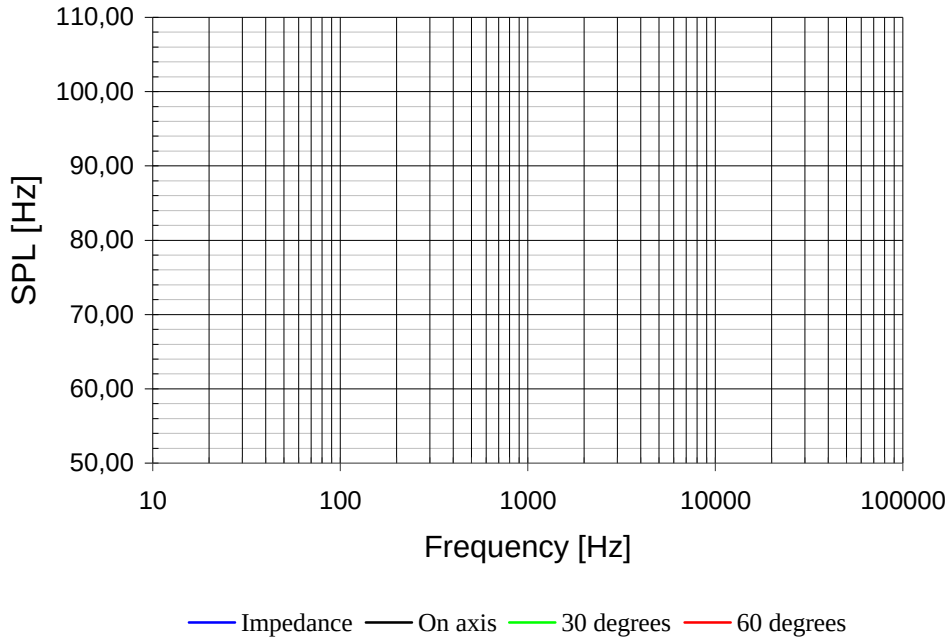
Voice Coil and Magnet Parametres		
Voice coil diameter	-	mm
Voice coil height	-	mm
Voice coil layers	-	
Height of gap	-	mm
Linear excursion +/-		mm
Max mech. Excursion +/-	15,0	mm
Flux density of gap	-	mWb
Total useful flux	-	mWb
Diameter of magnet	-	mm
Height of magnet	-	mm
Weight of magnet	-	Kg
Unit net weight	-	Kg

Notes:

IEC Specs refer to IEC 60268,5 third sdition.

All Scan Speak products are RoHS compliant

Frequency:



Mechanical Dimentions: