

Type Number: 10F/8424G00

## Features:

The Discovery series is designed for the discerning audiophile customer. To meet the needs of this audience, several new technologies were developed with the goal of lowering distortion and damping in the speaker. The coated fiberglass cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

Driver Highlights: Aluminium Chassis, Fiber Glass cone, NR rubber surround, Neodymium Magnet, Fiber Glass Voice Coil Foil



## Specs:

**Electrical Data**

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	6,5 / 562	ohm
Maximum impedance	Zo	48	ohm
DC resistance	Re	5,8	ohm
Voice coil inductance	Le	0,1	mH

**T-S Parameters**

Resonance Frequency	fs	90	Hz
Mechanical Q factor	Qms	3,49	
Electrical Q factor	Qes	0,41	
Total Q factor	Qts	0,37	
Force factor	Bl	4,8	Tm
Mechanical resistance	Rms	0,47	Kg/s
Moving mass	Mms	2,77	g
Suspension compliance	Cms	1,14	mm/N
Effective cone diameter	D	6,8	cm
Effective piston area	Sd	36	cm2
Equivalent volume	Vas	2,1	ltrs
Sensitivity (2.83V/1m)		86,6	dB

**Power Handling**

100h RMS noise test (IEC)	15	W
Long-term Max Power (IEC18.3)	30	W

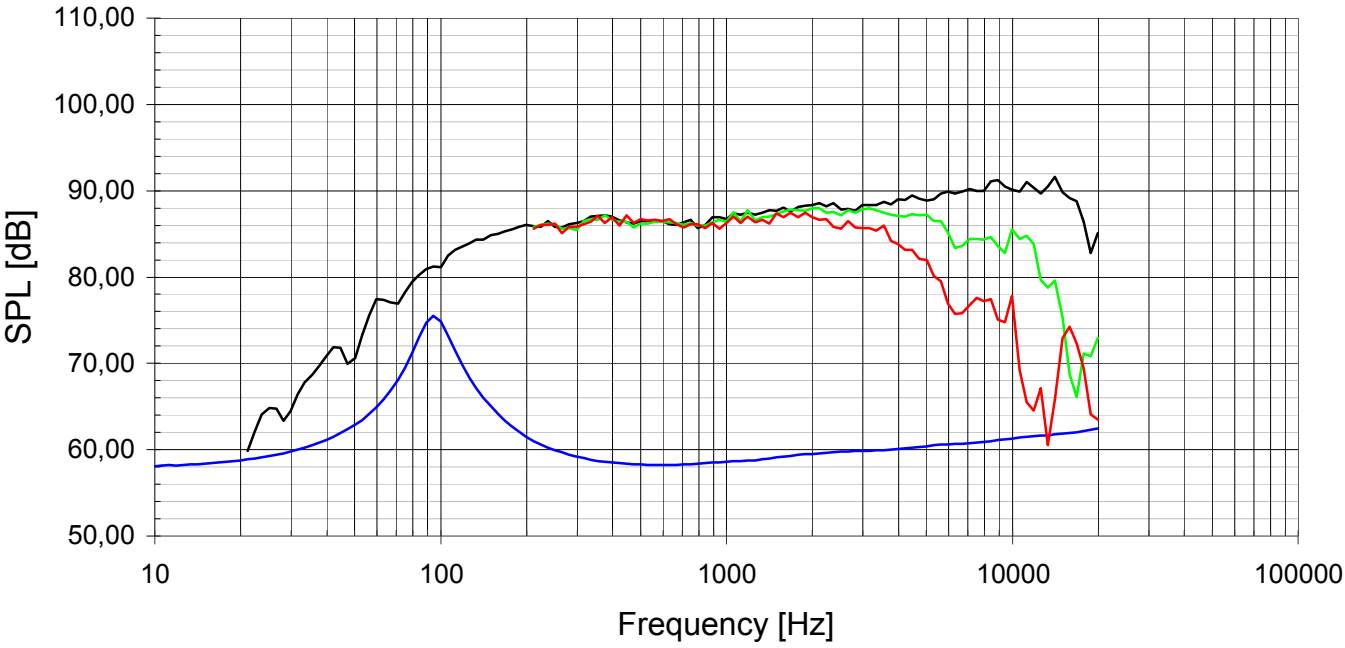
**Voice Coil and Magnet Parametres**

Voice coil diameter	20	mm
Voice coil height	9,2	mm
Voice coil layers	2	
Height of gap	4	mm
Linear excursion +/-	2,6	mm
Max mech. Excursion +/-	7,0	mm
Diameter of magnet	58,0	mm
Height of magnet	6,0	mm
Weight of magnet	0,10	Kg
Unit net weight	0,3	Kg

**Notes:**

IEC Specs refer to IEC 60268,5 third sdition.  
All Scan Speak products are RoHS compliant

Frequency:							
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Mechanical Dimensions:						
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