

Type Number: P810921

**Features:**

The HDS tweeter builds on long history of danish tweeter design by optimizing several key design elements for pure, clean music reproduction. The HDS tweeter uses a very light, low mass soft dome with high internal damping, and a highly-optimized, low-compression magnet system, which was designed especially for the low mass dome. The result is a driver that has both good sensitivity and an impressive range into the lower frequencies. The low mass dome, coupled with a fully vented motor system provides non-compressed sound reproduction over the entire frequency response. This combination allows the HDS tweeter to be used in systems with lower cross-over points than is recommended for most normal tweeters, making this product a powerful tool for any acoustic designer in the process of tuning a system. The HDS tweeter is ideal for use in applications including home entertainment, studio monitors, and general hi-fi systems.



Driver Highlights: 104 DT 26 72 SF HDS DM 8/6 OHM

**Specs:**

**Electrical Data**

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	6,6 / 58	ohm
Maximum impedance	Zo	11	ohm
DC resistance	Re	5,6	ohm
Voice coil inductance	Le	0,0	mH

**Power Handling**

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

**T-S Parameters**

Resonance Frequency	fs	700	Hz
Mechanical Q factor	Qms	-	
Electrical Q factor	Qes	-	
Total Q factor	Qts	-	
Force factor	Bl	-	Tm
Mechanical resistance	Rms	-	Kg/s
Moving mass	Mms	-	g
Suspension compliance	Cms	-	mm/N
Effective cone diameter	D		cm
Effective piston area	Sd	7,00	cm <sup>2</sup>
Equivalent volume	Vas	-	ltrs
Sensitivity (2.83V/1m)		91,26	dB

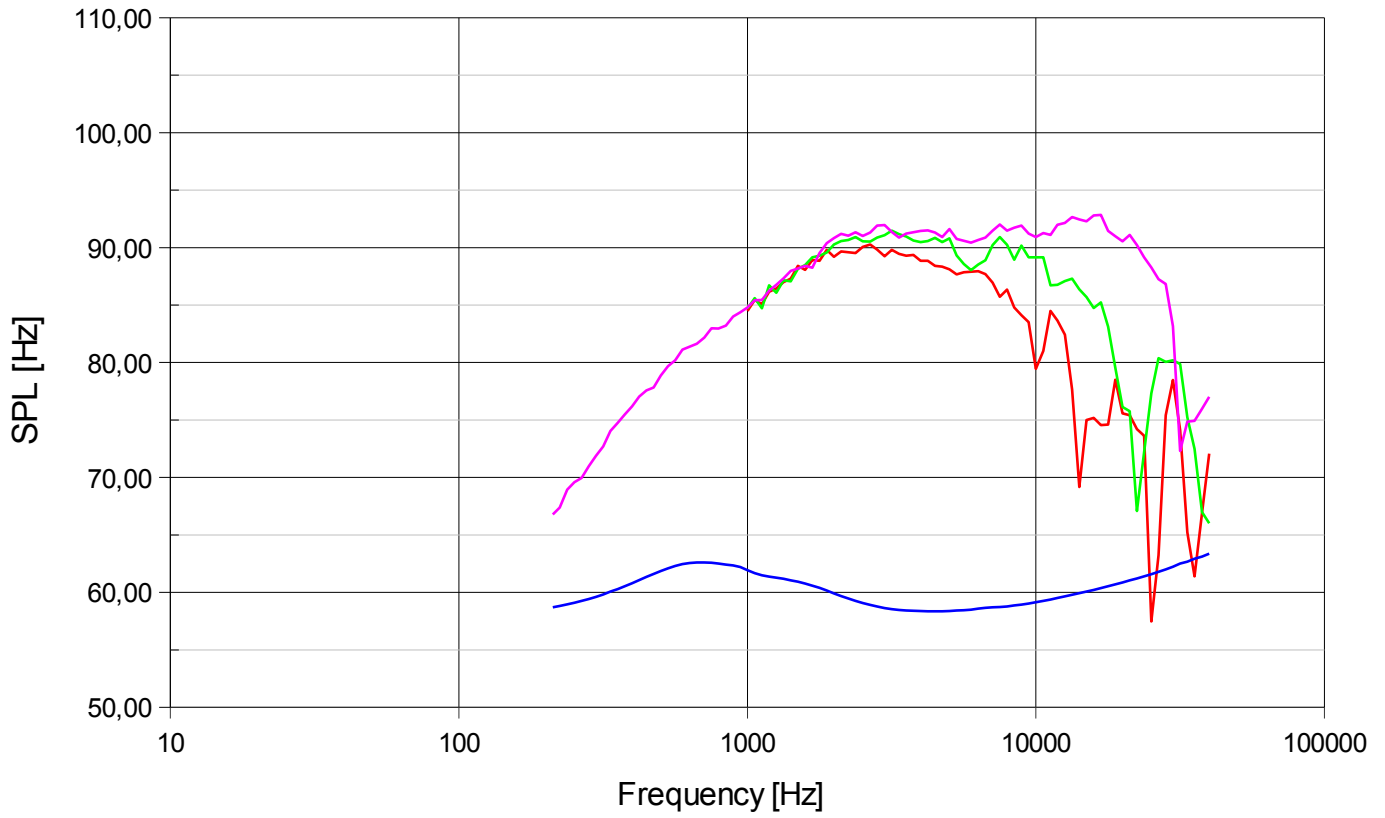
**Voice Coil and Magnet Parametres**

Voice coil diameter	26,0	mm
Voice coil height	1,5	mm
Voice coil layers	2,0	
Height of gap	2,5	mm
Linear excursion +/-	0,5	mm
Max mech. Excursion +/-	-	mm
Flux density of gap		mWb
Total useful flux		mWb
Diameter of magnet	72,0	mm
Height of magnet	22,0	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 Dimintions:

