

Ultra high performance TPCD dome tweeter with a Hexadym magnet system.

TPCD dome manufactured to SEAS' specifications. The extremely stiff and lightweight material with controlled break-up raises the bar for sound quality.

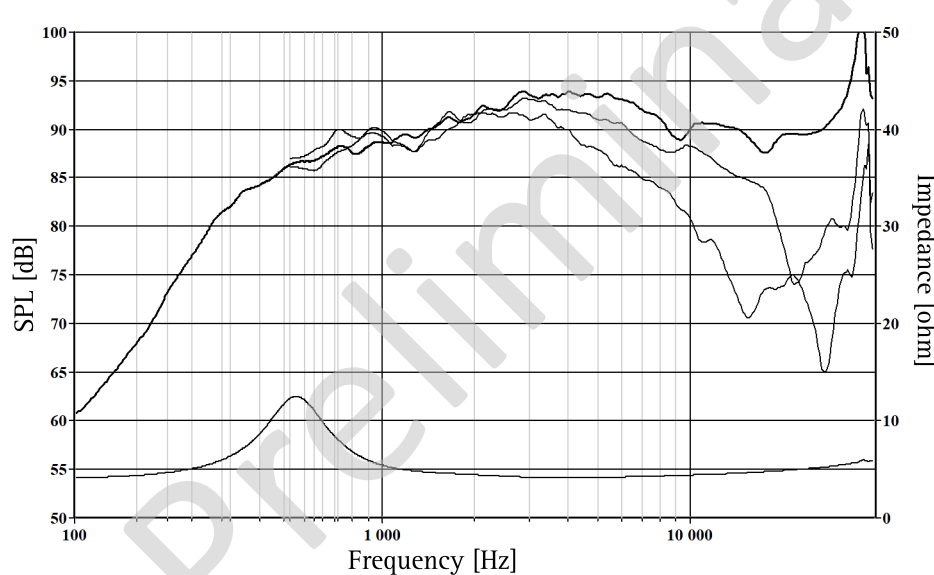
Unique patented HEXADYD magnet system based on 6 radially magnetized NdFeb magnet blocks. Precisely mounted copper sleeve reduces nonlinear and modulation distortion. Efficient ventilation in the magnet system and careful damping behind the moving parts minimize any potential resonances.

The homogenous, FEA-optimized linear surround manufactured by SEAS from SONOLEX, is a lightweight fabric with high consistency and climatic stability.

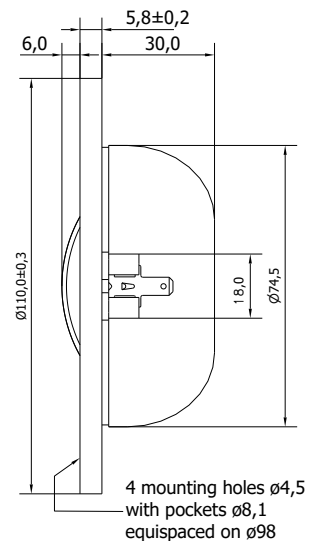
High temperature voice coil wound on a titanium former for excellent force transfer and transient motion.

Aluminium front plate with small horn loading for controlled frequency response, maximum stability and a nice appearance. The shape has been carefully optimized for smooth directivity control.

The result is an extremely clean and lifelike sound that engages the listener to the next level and a superb selection for any loudspeaker system.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees, mounted in a 0.6m by 0.8m baffle. Input 2.83 Vrms, microphone distance 0.5m, normalized to SPL 1m. The impedance is measured without baffle using a 2V sine signal.



Nominal Impedance	4 Ohms	Voice Coil Resistance	3.6 Ohms
Recommended Frequency Range	1.5 - 32 kHz	Voice Coil Inductance	0.01 mH
Short Term Power Handling *	200 W	Force Factor	2.1 N/A
Long Term Power Handling *	90 W	Free Air Resonance	510 Hz
Characteristic Sensitivity (2,83V, 1m)	92 dB	Moving Mass	0.36 g
Voice Coil Diameter	26 mm	Effective Piston Area	7.3 cm ²
Voice Coil Height	1.1 mm	Magnetic Gap Flux Density	1.6 T
Air Gap Height	2.5 mm	Magnet Weight	160 g
Linear Coil Travel (p-p)	1.4 mm	Total Weight	0.4 kg

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*IEC 268-5, via High Pass Butterworth Filter 2500Hz 12dB/oct.
SEAS reserves the right to change technical data