

High-End Glass dome tweeter with NdFeB ring magnet system.

Custom Glass dome manufactured to SEAS' specifications. Very stiff and lightweight material with controlled break-up behaviour, delivering exceptional sound quality.

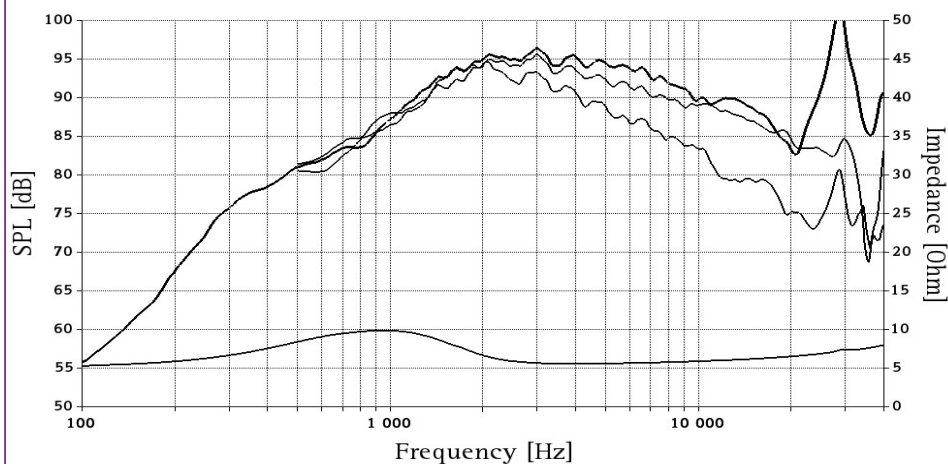
Glass is naturally weatherproof, and performs superbly in even the dampest conditions. Its very fast sound propagation speed gives the T27GL lightning-fast transients and reveals every detail in music with realism.

The neodymium magnet system is based on a high-strength NdFeb ring magnet. A precisely positioned copper sleeve reduces both nonlinear and modulation distortion, while careful damping behind the moving parts minimizes resonances.

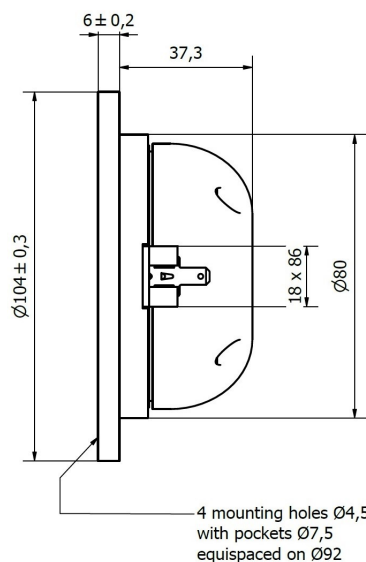
The homogenous, FEA-optimized linear surround, manufactured by SEAS from SONOLEX®, is a lightweight fabric offering excellent consistency and climatic stability.

The copper-clad aluminium voice coil is wound on a ventilated aluminium former, ensuring high sensitivity and low noise.

This revolutionary DXT® tweeter, made with an ultra stable machined aluminium faceplate, directly addresses the major challenges of directivity control in traditional loudspeaker designs. DXT® technology solves several well-known issues related to directivity, providing improved dispersion characteristics and superior acoustic performance.



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	6 Ohms	Voice Coil Resistance	5.6 Ohms
Recommended Frequency Range	2.0 - 25 kHz	Voice Coil Inductance	0.01 mH
Short Term Power Handling *	180 W	Force Factor	2.1 N/A
Long Term Power Handling *	80 W	Free Air Resonance	930Hz
Characteristic Sensitivity (2,83V, 1m)	94 dB	Moving Mass	0.36 g
Voice Coil Diameter	26 mm	Effective Piston Area	7.5 cm ²
Voice Coil Height	1.7 mm	Magnetic Gap Flux Density	1.6 T
Air Gap Height	2.5 mm	Magnet Weight	53 g
Linear Coil Travel (p-p)	1.4 mm	Total Weight	0.40 kg

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