

Advancing the hi-res audio experience

Introducing Warwick Audio
High-Precision Electrostatic
Laminate Transducers.



warwick
audio technologies



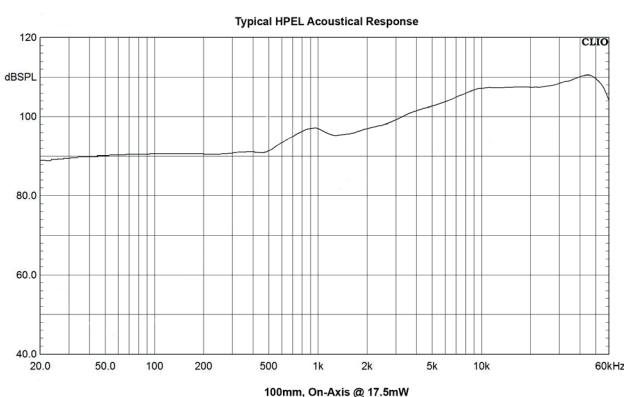
The Warwick High-Precision Electrostatic Laminate audio transducer (HPEL) sets a new benchmark in sound quality and accuracy for Hi-Res Audio reproduction.

The product of 10 years patented research, Warwick's HPELs produce realistic, natural, and emotional sound that is comparable with the highest performance transducers in the market today at a significantly lower cost...hearing is believing!



Warwick HPEL Benefits

- Thinner lighter diaphragm means a lower moving mass for improved high frequency extension and faster transient response.
- Very large diaphragm area without separate suspension components allows for superior low frequency fidelity with lower distortion.
- Diaphragm driven uniformly across its entire surface area minimizes acoustical breakup modes and other anomalies.
- Elimination of magnetic drive systems prevents inherent distortion and hysteresis effects common in traditional transducers.
- Single-ended design eliminates bulky drive structures reducing acoustical reflections and diffraction.
- Thinner mechanical profile (< 8mm) enables greater freedom of design.
- Lightweight structure provides improved user comfort.
- Scalable yet precise manufacturing techniques deliver high quality at low cost.
- Various sizes, shapes and performance levels can be customised to meet nearly any design requirement.



Matched Drive Amplifier

The Warwick HPEL transducers are driven by proprietary optimally-matched amplifier units.

Reference designs are available in Class A, AB and D configurations for a variety of applications.

The WAT - A01 audiophile amplifier is a pure Class A high resolution design available as a pre-production unit today.

The WAT - A02 wireless Class AB low power amplifier with Bluetooth compatibility will be available by Q3 2016.



The Warwick HPEL transducer, drive amplifier technology and reference designs are available to OEMs and ODMs for licensing in a range of headphone products.



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