



## FLAT QUAD

Like the outgoing ESL-2805 and ESL-2905, the latest ESLs incorporate multiple electrostatic panels – four in the ESL-2812 (reviewed in this issue) and six in the larger ESL-2912. The two inner panels utilise concentric rings of electrodes to help imaging. All the panels are held within a high-mass structure of tensioned aluminium extrusions coupled to stainless steel supports.

Improvements began with the power supply for the EHT voltage, eliminating 'creepage' (the possibility of charge flowing between components on the circuit board) by developing a new two-layer PCB with 2oz copper, which ensures optimum insulation and distance between contacts and a symmetrical layout for the components. This new layout also facilitates an improvement in cable dressing, again reducing the effects of creepage, particularly in high-humidity environments.

New components have been introduced to the power supply, including Vishay metal film resistors and Murata audio-grade capacitors.

In the ESL-2912, the insulation material is applied in three coats to avoid degradation of the EHT charge under high dynamic conditions. These latest versions of the Quad ESL can thus play louder and handle more power than previous models.

If overdriving is detected the speaker is temporarily muted and the illuminated Quad logo will flash. Prices are £6,499.95 per pair for the ESL-2812 and £7,999.95 per pair for the ESL-2912.

Click on [www.quad-hifi.co.uk](http://www.quad-hifi.co.uk) or phone 01480 447700 for more information.