

PRESS RELEASE

QUAD

April 2013

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Above: Quad L-ite Plus 5.1 speaker system in high-gloss black finish

L-ITES, CAMERA, ACTION!

Quad's small yet perfectly formed L-ite Plus home cinema speaker system delivers sensational movie thrills

Cambridgeshire, England -- Quad, the legendary British audio brand, premieres L-ite Plus: a home cinema speaker system capable of delivering a full-scale cinematic experience from sleek, compact speakers, beautifully constructed to grace even the most stylish of rooms.

Building upon the success of the award-winning Quad L-ite and L-ite2 packages, L-ite Plus consists of four satellite speakers for the front and rear, plus a matching centre speaker and a compact active subwoofer. Driver technology developed from Quad's latest 'L Classic' speaker range ensures exceptional sonic accuracy and expression, in line with the brand's unerring performance ethos, coupled to all-new elements including the crossover electronics and smart, curvaceous cabinets.

Each of the five main speakers incorporates a long-throw mid/bass driver (one in the satellites; two in the centre speaker) with 100mm cones made from Quad's proprietary bi-directional Kevlar weave. Self-damping, resin-impregnated Kevlar fibre is lattice-woven to create the appropriate stiffness, strength and weight, then formed into a cone and mounted on a butyl rubber surround.

These cones are coupled to a high-efficiency, double hand-wound voice coil and a high-gauss magnet assembly, with a die-cast aluminium chassis keeping everything taut and under control, even when encountering large transients and extremes of power. A profiled phase plug is sited in the centre of each mid/bass cone, helping to smooth the response through the crossover region and enabling a phase-linear response to the tweeter.

The 25mm fabric-dome tweeter incorporates a precision-engineered waveguide to integrate midrange and treble with the utmost coherence. An advanced, phase-linear crossover combines the drive units acoustically, with low-distortion inductors and high-clarity polypropylene capacitors in the signal path. Phase coherence is particularly important to ensure all frequencies from bass to treble knit together perfectly, delivering a holographic sonic image – essential for believable music and movie soundtrack reproduction.

The drive units are mounted in newly designed cabinets, gently profiled for reasons both aesthetic and acoustic. The smooth, curved surfaces aid seamless dispersion of the output from the drive units, maintaining effective distribution throughout the room for an utterly immersive audio experience.

The L-ite Plus satellites and centre speaker are complemented perfectly by an all-new active subwoofer. Amazingly powerful despite its diminutive size, the sub's petite cabinet packs in two mechanically opposed bass drivers with 150mm Duo Tri-Lam cones – a composite cone structure formed from one layer of bi-directionally woven carbon fibre sandwiched between two layers of bi-directionally woven glass fibre. These exceptionally light yet strong cones ensure minimal energy loss and, combined with dual-wound voice coils and an integrated 200W RMS (450W peak) amplifier, deliver bass that is deep, taut and agile, with extremely low distortion and a smooth upper bass response that blends seamlessly with the main speakers.

The subwoofer, satellites and centre speaker are impeccably finished with multiple layers of rich lacquer, available in three colour options – sophisticated High-Gloss Black, elegant High-Gloss White and eye-catching High-Gloss Ruby Red. Together, they deliver smart, space-saving contemporary style and exhilarating sound for both movies and music – dynamic, agile and richly detailed, with a room-filling, cinematic sense of sonic scale that belies the speakers' compact size.

The Quad L-ite Plus home cinema speaker system is available from May. In addition to being sold as a complete 5.1 package, the individual speakers may also be purchased separately, enabling different configurations to be assembled (2.1 or 7.1 systems, for example). SRPs are as follows:

Quad L-ite Plus Satellite: **£249.95 per pair**

Quad L-ite Plus Centre: **£199.95**

Quad L-ite Subwoofer: **£599.95**

Quad L-ite Plus 5.1 speaker system (4xSatellites; 1xCentre; 1xSubwoofer): **£1199.95**

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Specifications – Quad L-ite Plus Satellite and Centre

Model	L-ite Plus Satellite	L-ite Plus Centre
Configuration	Two-way, bass reflex	Two-way, sealed box
Tweeter	1 x 25mm fabric dome	1 x 25mm fabric dome
Mid/Bass Drivers	1 x 100mm woven Kevlar cone	2 x 100mm woven Kevlar cones
Frequency Response ($\pm 3\text{dB}$)	100Hz – 20kHz	100Hz – 20kHz
Sensitivity (2.83V @ 1m)	85dB	86dB
Nominal Impedance	8 ohms	8 ohms
Crossover Frequency	2kHz	2kHz
Recommended Amp Power (RMS)	20 – 100W	20 – 100W
Dimensions (HxWxD)	248x141x184mm	155x382x184mm (on plinth)

Specifications – Quad L-ite Plus Subwoofer

Model	L-ite Plus Subwoofer
Configuration	Active drive, sealed box
Bass Drivers	2 x 150mm Duo-Tri Lam cones
Amplifier Power Output	200W RMS; 450W peak
Frequency Response ($\pm 3\text{dB}$)	35Hz – 120Hz
Bass Extension (-6dB)	30Hz
Crossover Frequency	305Hz – 150Hz
Adjustable Features	Phase inversion Variable filter slope High pass output Low pass filter slope adjustment Auto on/off
Dimensions (HxWxD)	308x237x241mm (inc. feet)

QUAD

Of all the British high-end hi-fi brands, Quad boasts the longest and most distinguished history. The company has been at the cutting edge of audio since 1936, continually pushing back the boundaries of performance with technologies both new and established. In 1953, the Quad II valve amplifier was launched, setting new standards for audio amplification, and three years later Quad invented the first full-range electrostatic speaker – later known as the legendary ESL 57.

Throughout the ensuing years, Quad products have continued to win worldwide acclaim, building a reputation for excellence that bears comparison with the most distinguished brands in any field. Quad has been part of the International Audio Group (IAG) since 1998, following its acquisition from the Verity Group (alongside Wharfedale). The company's design and technical support teams and much-admired servicing department continue to be based in Cambridgeshire, England, supported by key personnel who have worked with Quad for decades.

IAG's exceptional resources and unrivalled audio manufacturing facilities ensure that Quad's current range boasts many award-winning products, including the latest generation of ESL electrostatic speakers, class-leading valve amplifiers, dynamic 'box' speakers and a range of solid-state audio electronics that fuse high-end performance with innovative connectivity. 77 years after its formation, Quad continues to be driven by the philosophy of its founder, Peter Walker, to produce "the closest approach to the original sound".

www.quad-hifi.co.uk

IAG

IAG (International Audio Group) is a manufacturer of audio equipment for domestic and professional use, plus professional lighting systems and luxury yachts. With its headquarters and manufacturing facilities in Asia and offices (including R&D) in the UK and North America, IAG is a manufacturer with a truly global reach.

IAG's audio business employs more than 2,000 people worldwide. Its factory complex in Shenzhen, China, is one of the largest custom-designed consumer electronics manufacturing facilities in the world and benefits from an exceptional level of vertical integration, with all component parts – even the tooling – made in-house. The Group's domestic audio brands – Audiolab, Castle Acoustics, Luxman, Mission, Quad and Wharfedale – all enjoy a worldwide reputation for excellence, with illustrious histories that stretch back decades. Top-class British audio engineering remains critical to these brands, with world-renowned designer Peter Comeau leading an acoustic design team brimming with international talent.

The combination of rich brand heritage, purpose-built production facilities in China and experienced audio engineers from around the globe makes IAG a unique proposition in the world of consumer electronics.

www.iaguk.com



For more information, product samples and high-resolution images, please contact Tim Bownern or Murdo Mathewson
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