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# L-ite Plus

5.1 AV System



# QUAD

*the closest approach to the original sound*



If you enjoy visual entertainment from TV and movies you may dream of experiencing the thrills, excitement and impact of the cinema experience in your home.

However, you probably find intolerable the idea of giving up room space to the big speaker systems normally required to generate the high intensity, room filling sound necessary to recreate the full cinematic experience.

Well, today your dream has come true thanks to the Quad L-ite Plus AV system. Quad engineers have managed to package expansive sound into an elegant, sleek and small set of speakers that recreate movie drama and action with amazing realism. What is even more important is that they have accomplished this feat without compromising the legendary Quad approach to accuracy.

Go and hear Quad L-ite Plus at your local Quad retailer and enjoy incredibly realistic 3D sound from speakers that will blend beautifully into your home.







# Technology

The L-ite Plus long-throw Kevlar driver is manufactured using Quad's proprietary bi-directional Kevlar weave, made from a self-damping resin-impregnated fibre form of the material that is then lattice woven to create the appropriate stiffness, strength and weight, and later formed into a cone and mounted on a butyl rubber surround. In the centre is a profiled phase plug which smooths the response through the crossover region and enables a phase-linear crossover to the tweeter.

# Driver Integration

The L-ite Plus tweeter utilises a precision-engineered waveguide to integrate the midrange and treble in a totally coherent way. Acoustically the drive units are combined by an advanced phase-linear crossover utilizing low distortion inductors and high clarity polypropylene capacitors in the signal path. Phase coherency is particularly important to ensure the bass integrates perfectly with the treble, and of course to create a truly holographic sonic image – essential for believable music and movie soundtrack reproduction.





# Bass-Midrange Driver Technology

A high efficiency, double hand-wound voice coil tracks the signal, with the high-gauss magnet assembly providing momentum for movement. A strong die cast aluminum alloy chassis assembly is an essential part of the design, keeping everything taut and under control, even when encountering large transients and extremes of power.

## Profiled Cabinet

Quad L-ite Plus features a new, profiled cabinet not only for a beautiful aspect to its proportions but also to enhance the sonic character of the pretty satellite speakers. The smooth, curved surfaces ensure excellent dispersion of sound around the speaker, maintaining a superb power distribution throughout the room. The result is a seamless sound 'picture' which marries perfectly to on-screen action and expands it into three dimensions. Quad L-ite Plus speakers are truly a work of art, both visually and sonically!





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## LF-66 Subwoofer

The L-ite Plus Satellites and Centre channel speakers are complemented by the Quad LF-66 subwoofer, an outstandingly powerful sub in a compact package. Inside the glossy cabinet, matching the satellite speakers, are twin, mechanically opposed Duo Tri-Lam drivers which utilise Dual Wound voice coils and Triple Laminated cones to convert the power from a 450W peak power amplifier into thumpingly realistic low frequency transients. In addition Quad engineers have achieved a smooth upper bass response that is ideal for integrating with the L-ite Plus Satellites ensuring low distortion and coloration.



## L-ite Plus Satellite

Description	2-Way Bookshelf / Surround
Woofer	100mm Woven Kevlar
Tweeter	25mm Fabric Fome
Sensitivity	85dB
Reccomended Amplifier Power	20 - 100W
Peak SPL	100dB
Nominal Impedance	8Ω
Frequency Response	100Hz - 20kHz
Dimensions (H x W x D)	248 x 141 x 184mm
Net Weight	6.32kg



## L-ite Plus Centre

Description	2-way Centre Channel
Woofer	2 x 100mm Woven Kevlar
Tweeter	25mm Fabric Dome
Sensitivity	86dB
Reccomended Amplifier Power	20 - 100W
Peak SPL	100dB
Nominal Impedance	8Ω
Frequency Response	100Hz - 20kHz
Dimensions (H x W x D)	155 x 382 x 184mm
Net Weight	5.56kg



## LF-66 Subwoofer

Description	Active Dynamic-Drive IB Subwoofer
Woofer	2 x 150mm Long-throw drivers
Power (RMS / Peak)	200W / 400W
Peak SPL	115 dB
Input Impedance	10 kOhms
Frequency Response	35Hz - 120Hz
Crossover Frequency	150Hz - 305Hz
Special Features	Phase Inversion Variable Filter Slope High Pass Output Low Pass Filter Slope Adjustment Auto On / Off
Dimensions (H x W x D)	308 x 237 x 241mm
Net Weight	8.96kg











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