



L SERIES


QUAD



THE QUAD 11L

For the closest approach to the original sound...

The 11L is the entry point for the series, with a single five inch KEVLAR bass/mid driver and a 25mm textile dome tweeter. Despite its diminutive size, the 11L boasts some of the finest top to bottom cohesion you will ever find in a stand mount speaker and is accurate and smooth through the mid-range in true Quad style.

Careful placement will extend the bass response significantly, giving this speaker a performance well beyond the scale of its dimensions – yet throughout the frequency range this speaker is articulate and musical for a thoroughly refined and enjoyable listen.



THE QUAD 12L

The cabinet volume and drive unit size are slightly larger than the 11L to produce a wider frequency response in the bass region. A 6.5" KEVLAR bass/mid driver replaces the 5" unit. In most other respects, they are similar to the 11L. Elegant and simple, the uncluttered design has a remarkable dynamic range for such a small speaker – a consequence of the accuracy and speed of the long-throw driver under pressure.





“These [11L] Quads have that extra touch of monitor-like finesse that brings them out of the midprice bracket and into the upper echelons of audiophilia.” – *Hi-Fi World*





“Not only do they come in a beautiful real-wood veneer with a piano gloss lacquer, but they sound terrific too. The scale and authority of their performance is breathtaking”
– *What Hi-Fi? Sound and Vision*



THE QUAD 21L

The 21L is a loudspeaker which is simple and elegant in design, yet remarkable in performance. As well as negating the need for stands, the 21L gives an extended bass response over the standmount versions, yet retains all the precision, detail and imaging capabilities of its smaller brethren.

The lustrous piano finish is applied to each speaker by hand over a period of seven days, each of which involves applying a coat of lacquer which must then dry at an ambient temperature before being cut and polished. The final coat is polished to a high gloss finish to produce one of the finest finishes seen on any loudspeaker in this class.





THE QUAD 22L

The 22L is the flagship of the range. This tall, floorstanding model with ultra low distortion twin KEVLAR drivers produces a fast, dynamic bass, extending to around 30Hz at the lower end for real impact and a compelling sense of scale. Bass detail is excellent, tracking precisely every nuance of the deepest double bass while, maintaining an area of open space around instruments.

Voices and instruments sound natural and occupy precise locations in the

huge soundstage for a real sense of being there at the live recording. Even in complex orchestral pieces, the instruments can be clearly identified and followed, retaining their own characteristics and personality.

A heavily braced cabinet reduces internal resonance to minimal levels and the high level of detail and precision exhibited by all the drive units makes for a speaker with both neutrality and resolution – a worthy transducer for the audiophile and music-lover alike.

We test every tweeter beyond 37kHz, way past the threshold of audibility, and they have a useful response to around 50kHz. The three dimensional soundstage produced is a testament to their detail and accuracy.



The gold-plated terminals offer the facility of bi-wiring. Even if your amplifier has only one set of loudspeaker terminals, significant sonic advantages can be gained by using a good quality bi-wire cable, linking them at the amplifier end, but separating them at the loudspeaker end. This reduces the intermodulation effects and improves the 'openness' and clarity of the speaker still further.

When using a single wire cable, the bridging connections should be attached, but these must always be removed when bi-wiring.



THE QUAD CENTRE

For the first time ever, Quad is producing a centre channel speaker within the 'L' series. That is not to abandon our hi-fi roots, but to enable those with good multi-channel systems to enjoy the 'L' series in all its glory - the 'L' centre is tonally and frequency matched to produce an exceptional surround sound speaker system capable of reproducing not only film sound-tracks with spectacular clarity and precision, but also of reproducing the growing number of multi-channel music formats.





THE QUAD L-SUB

Another first is the Quad LSub active subwoofer system. An exceptionally refined unit, the Lsub can be used to great effect within both stereo and multi-channel systems. If your penchant is for standmount speakers but you find the bass response too limited, the addition of the Lsub will provide the necessary sub-sonics to enhance your enjoyment.

Although a sub-woofer can be placed anywhere in a room as bass frequencies are essentially non-directional in nature, you may choose to leave the Lsub a little more exposed. The same high-gloss piano finish is applied to the sub making it as attractive as it is sonically adept. Features of the Lsub include automatic power on and off (into standby mode), gold-plated connectors for loudspeakers and phono inputs, four way phase adjustment, continuously variable crossover frequency and volume.



TECHNOLOGY

Underneath the classically British exterior beats an audiophile heart. The long-throw KEVLAR driver is manufactured from a self-damping resin impregnated fibre form of the material. This is then lattice woven to create the appropriate stiffness, strength and weight properties. The material is formed into a cone and mounted on a butyl rubber surround. A high efficiency, double hand-wound voice coil tracks the signal, with the high-gauss magnet assembly providing an impetus for movement. A strong, die-cast aluminium alloy chassis assembly is an essential part of the design, keeping everything taut and under control, even with large transients and extremes of power. A profiled phase plug provides additional cone axial rigidity and also improves off-axis performance.

The dual 25mm voice coil is wound on an aluminium alloy carrier or 'bobbin'. This 'wicks' heat away from the central coil region to maintain peak performance and the optimum excursion of the long-throw driver. The coils are vented to reduce the effect of any pressure build-up in the central cone region.

Many years of experience have manifested themselves in the high-frequency driver. A compact yet powerful neodymium magnet keeps the tightest control on the diaphragm. Phase coherency is particularly important to ensure the bass integrates perfectly with the treble, and of course, to create a truly holographic stereo image - the hallmark of a classic Quad sound. This tweeter is so controlled; it measures typically less than 1% distortion from 103dB (equivalent to normally loud playback) output at a distance of 1 metre.

The tweeter fascia plate is engineered for a smooth frequency response and excellent dispersion. This is further aided from the flush mountings of this plate and the bass/mid unit into the cabinet front baffle. Both drive units are closely coupled to provide good integration.



Specifications



Model	11L	12L	21L	22L
Drivers				
Bass	5" 125mm	6.5" 170mm	6.5" 170mm	6.5" 170mm
Mid	-	-	-	6.5" 170mm
Tweeter	25mm Tex	25mm Tex	25mm Tex	25mm Tex
Max Power Handling	100W	125W	200W	300W
Recommended Amp Power (RMS)	30 - 140W	30 - 140W	30 - 140W	30 - 200W
Nominal Imp.	6 Ohms*	6 Ohms*	6 Ohms*	6 Ohms*
Sensitivity (1W@1m)	86dB	88dB	88dB	89dB
Frequency Range @ -6dB	45Hz to 24k	45Hz to 24k	35Hz to 24k	30Hz to 24k
HF Limit	43kHz	43kHz	43kHz	43kHz
Crossover Frequency	2.2kHz	2.2kHz	2.2kHz	150Hz, 3kHz
Size mm (H x W x D)	325 x 190 x 243	345 x 205 x 253	795 x 205 x 263	865 x 205 x 278



Model	L-Centre	L-Sub
Drivers		
Bass	5" 125mm	10" 250mm
Mid	-	-
Tweeter	25mm Tex	-
Max Power Handling	120W	Amplifier power (RMS): 150W
Recommended Amp Power (RMS)	30 - 140W	Line input sensitivity: 250mV for 100W
Nominal Imp.	6 Ohms*	Average max o/p@1M: 110dB
Sensitivity (1W@1m)	88dB	Boundry position: 28 - 150Hz
Frequency Range @ -6dB	70Hz to 24k	Crossover range: 50 to 140Hz
HF Limit	43kHz	Facilities: Phase select, Auto power, Hi & Lo inputs
Crossover Frequency	2kHz	-
Size mm (H x W x D)	428 x 162 x 206mm	530 x 425 x 350mm

QUAD

***Impedance: All models are suitable for use with 8 Ohm amplifier outputs.**

Finishes: Please contact your local Quad dealer.



IAG House

Sovereign Court

Ermine Business Park

Huntingdon. PE29 6XU

Tel : +44 (0) 1480 447700

Fax : +44 (0) 1480 431767

Email: info@quad-hifi.co.uk

www.quad-hifi.co.uk