



Model Name	11L Classic	12L Classic
General Description	2-way bookshelf speaker	2-way bookshelf speaker
Enclosure Type	Bass reflex	Bass reflex
Midbass Driver	125mm woven Kevlar cone	165mm woven Kevlar cone
Treble Driver	25mm fabric dome	25mm fabric dome
Magnetic Shielding	No	No
Crossover Frequency	2.2kHz	2.2kHz
Frequency Response (+/-3dB)	48Hz-22kHz	48Hz - 23kHz
Sensitivity (2.83V@1m)	87dB	87dB
Nominal Impedance	6 Ohms	6 Ohms
Minimum Impedance	4 Ohms	3.8 Ohms
Recommended Amplifier Power	30-150W	50-150W
Dimensions (H x W x D)	310 x 190 x 263 mm	340 x 205 x 279 mm
Net Weight	6.3 kg each	7.12 kg each
Standard Accessories	rubber feet, user manual, certificate, gloves	rubber feet, user manual, certificate, gloves



QUAD



Model Name	23L Classic	23L Classic	L Classic Centre
General Description	3-way floorstanding speaker	3-way floorstanding speaker	2-way centre channel
Enclosure Type	Reflex box with auxiliary bass radiator (ABR)	Reflex box with auxiliary bass radiator (ABR)	Sealed Box
ABR	165mm	208mm	-
Bass Driver	-	2 x 165mm woven Kevlar cone	-
Midbass Driver	125mm woven Kevlar cone	-	2 x 125mm woven Kevlar cone
Midrange Driver	125mm woven Kevlar cone	2 x 125mm woven Kevlar cone	-
Treble Driver	25mm fabric dome	25mm fabric dome	25mm fabric dome
Magnetic Shielding	No	No	Yes
Sensitivity (2.83V @ 1m)	88 dB	91dB	89dB
Recommended Amplifier Power	50-200W	50-250W	50 - 150W
Peak SPL	110dB	110dB	108dB
Nominal Impedance	8 Ohms	6 Ohms	8 Ohms
Minimum Impedance	4 Ohms	3.5 Ohms	4.2 Ohms
Frequency Response (+/-3dB)	40Hz - 23kHz	35Hz - 23kHz	110Hz - 23kHz
Bass Extension (-6dB)	35Hz	30Hz	85Hz
Crossover Frequency	450Hz, 2.2kHz	430Hz, 2.6kHz	2.8kHz
Dimensions (H x W x D)	925 x 225 x 316 mm	1125 x 269 x 348 mm	160 x 426 x 225 mm
Net Weight	17.2kg	25kg	8.53kg
Standard Accessories	spikes, plinth, user manual, certificate, gloves	spikes, plinth, user manual, certificate, gloves	rubber feet, user manual, certificate, gloves



L Classic SIGNATURE



QUAD

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QUAD

the closest approach to the original sound

L Classic SIGNATURE

Keeping with the Quad L Classic Series' reputation of "Performance that goes beyond the scale of its dimensions", Quad is introducing the exclusive L Classic Signature Edition.

The New L Classic Signature maintains the clean and natural midrange performance alongside a crisp bass, but brings the flawless sound to a new level. Incorporating a long throw Kevlar cone driver constructed of self-damping resin-impregnated fiber form, Quad has brought further improvements to the L Classic range. The Kevlar cone drivers have been specially manufactured using proprietary bi-directional Kevlar weave, adding strength to the original structure.

The motor system of the L Classic Series' mid-bass driver has been vastly improved in the Signature models and allows for a more linear motion and lower distortion. The tweeter uses a precision-engineered waveguide to coherently integrate the midrange and treble. Accurately, an advanced phase-linear crossover combines the drive units, creating a truly holographic stereo image, which signifies with the classic Quad sound.

Each of the larger floorstanding models incorporates a down-firing auxiliary bass radiator (ABR) to provide well extended and virtually uncoloured low bass response, without the turbulence inherent of typical bass reflex designs.

The L Classic Signature Series is tonally balanced to suit all music genres and is virtually unrivalled in its ability to retrieve nuances captured by recording engineers. It is thoroughly musically involving for the listener and perfectly follows Quad's tradition of "the closest approach to the original sound".

Each purchase of the L Classic Signature speakers includes a Certificate of Authenticity, which ensures the quality of each speaker and also contains a message from the L Classic Signature's designer, Peter Corneliu.

The L Classic Signature comes in a selection of new finishes including, Sapote Mahogany, Sapote Mahogany Red, Sapote Mahogany gloss, and Black gloss.

Technology



Kevlar Cone Driver

L Classic's long-throw Kevlar driver is manufactured using our 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.



Driver Integration

The L Classic tweeter utilizes a precision-engineered waveguide to integrate the midrange and treble in a totally coherent way. The motor system of the bass-midrange unit has been critically aligned for improved linear motion and low distortion. 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 stereo image - the hallmark of the classic Quad sound.



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. This dual 25mm voice coil of the bass driver is wound on an aluminum alloy carrier or "bobbin". This dissipates heat from the central coil region to maintain peak performance and 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. 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.



Bi-Wiring

L Classic speakers have two pairs of binding posts for bi-wiring. This involves the use of two pairs of separate cables between the amplifier and the loudspeakers. One connects to the treble unit while the other to the bass-midrange driver. Using separate cables for treble and bass units reduces intermodulation effects while improving headroom and clarity.



Multi-Layer Cabinet Construction

The L Classic range features a multi-layer cabinet construction coupled with additional internal bracing to significantly reduce cabinet coloration and resonance. Special internal long fibre damping is utilized to randomize internal reflections and thus prevent standing waves from forming. The result is that you hear the output of the drive units without interference from the cabinet structure or reflected sound from the internal volume.



Real Wood Veneers and Piano Gloss Finish

L Classic loudspeakers are available in real wood veneer and piano gloss finish options. The real wood veneers are specially chosen and matched for each pair of speakers and then polished to reveal the deep grain pattern and depth of colour.

Lustrous piano gloss 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 its class.



Veneer



Piano



Each pair comes with a Certificate of Authenticity containing a message from its designer whilst attesting to the quality and performance ability of each L Classic Signature pair.

