

Z SERIES

Quad Z Series is the premier moving coil speaker range from Quad – the originators of ‘The Closest Approach To The Original Sound’.

It was way back in the mono days of 1949 that Quad launched its first loudspeaker – the Corner Ribbon. This was, indeed, a prestige product costing twice the price of the competition. But it offered something special, a particularly clear and detailed upper midrange/treble performance from a large and delicate ribbon driver.

Plaudits abounded from the press and everyone who heard the Corner Ribbon. The Gramophone observed that the Corner Ribbon’s ‘...smoothness, naturalness, and fidelity of reproduction has yet to be surpassed and, with very few exceptions, even approached.’

And that was in 1949! So, the question is, can Quad engineers replicate this performance today, or even surpass it? The answer, not surprisingly, is YES.

One of the problems with the original Corner Ribbon was that the ribbon unit was very fragile and handled low power only. As we know, Peter Walker, Quad’s originator, moved quickly on to develop the world’s first full range, push-pull Electrostatic speaker.

So, to make a ribbon unit that handled today’s high power amplifiers was no mean task. The Z Series ribbon accomplishes this by utilizing a composite ribbon sandwich substrate that is far more robust than earlier designs and immerses this ribbon in an exceptionally strong magnetic field to yield ultra-high sensitivity.

Unlike conventional dome treble units, where the voice coil ‘motor’ is attached separately to the diaphragm, Z Series ribbon is both the diaphragm and the motor system. The result is a unique combination of delicacy, smoothness and hear-through performance that helps make music sing.

In the Z series floorstanders this advanced ribbon unit is married to an equally high performance midrange driver with a unique double-roll-surround especially designed to control edge breakup and give equal transparency to the all important vocal range.

Both midrange and bass drivers feature Quad’s woven Kevlar cone geometry, now matched by the double-roll-surround for the same smoothness and clarity offered by the ribbon treble unit. The bass section, similar to the original Corner Ribbon, utilizes an acoustic filter bass reflex system that maintains the natural and unforced reproduction right down to the lowest frequencies of a symphony orchestra.

And, of course, putting it all together is a phase-compensated Acoustic Butterworth crossover that is the result not only of Computer Aided Design but also hundreds of hours of critical listening tests using all types and flavours of music.

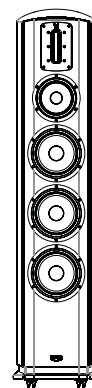
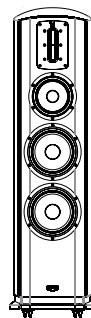
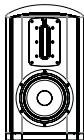
We don’t need to describe the skilfully hand veneered cabinets as one look at the images, here, will give you a taste of how the Z Series furniture quality woodwork will look in your living room. Quad Z Series – beautiful performance and looks combined, for ‘The Closest Approach To The Original Sound’.



QUAD

the closest approach to the original sound

Z SERIES



SPECIFICATIONS:

Model	Z1	Z2	Z3	Z4
General description	bookshelf	bookshelf	Floor-standing	Floor-standing
Design philosophy and core technology				
Enclosure type	bass reflex	bass reflex	bass reflex	bass reflex
Transducer complement	2-way	2-way	3-way	2-way
Bass driver	150mm black glass fibre cone	175mm black glass fibre cone	2 x 175mm black glass fibre cone	3 x 175mm black glass fibre cone
Midrange driver			150mm black glass fibre cone	150mm black glass fibre cone
Treble driver	90x12mm true ribbon	90x12mm true ribbon	90x12mm true ribbon	90x12mm true ribbon
AV shield	No	No	No	No
Sensitivity (1W @ 1m)	86db	84db	89db	90db
Recommended amplifier power	20-100w	30-120w	40-120w	40-120w
Peak power handling	100w	120w	120w	120w
Peak SPL	102dB	102dB	110dB	115dB
Nominal impedance	8Ω	8Ω	6Ω	4Ω
Minimum impedance	4.6Ω	4.6Ω	3.8Ω	3.6Ω
Frequency response (+/-3dB)	56Hz - 20kHz	50Hz - 20kHz	50Hz - 20kHz	47Hz - 20kHz
Bass extension (-6dB)	48Hz	45Hz	45Hz	40Hz
Crossover frequency	3.4KHz	3.4KHz	450Hz 3.6KHz	300Hz 3.5KHz
Cabinet Volume (in litres)	10L	15L	34L	43L
Dimensions (mm)	383*219*283	421*243*329	965*267*340	1175*267*340
Carton size (mm)	573*384*476	622*374*515	1048*451*382	1260*451*382
Net weight	6.5 kg/pcs	9 kg/pcs	19 kg/pcs	23.5 kg/pcs
Gross weight	14.5kg	20kg	21kg	26kg
Finish	Black Piano / Rosewood Piano/White Piano	Black Piano / Rosewood Piano/White Piano	Black Piano / Rosewood Piano/White Piano	Black Piano / Rosewood Piano/White Piano
Standard accessories	user manual, certificate	user manual, certificate	user manual, certificate,spike seat	user manual, certificate,spike seat

*The right is reserved to alter performance, specifications and appearance as required.



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