

When the Wharfedale Linton was first introduced in 1965, it quickly became Wharfedale's best-selling product, partly due to its beautiful styling by Robert Gutmann of the British Design Council and, of course, Wharfedale's traditionally musical sound performance.



Exactly the same path has been followed by the Wharfedale Linton Heritage, which has inherited Robert Gutmann's styling but is now completely updated both inside and outside by Wharfedale designers with the same goal—to keep true to Wharfedale's musical sound. As a result, today, the Linton Heritage is once again Wharfedale's best-selling speaker.

What is not so well known is that, in 1967, Wharfedale introduced the SUPER LINTON, an improved version of the popular Linton. Today, Wharfedale follows suit with a new classic design, the SUPER LINTON Heritage.

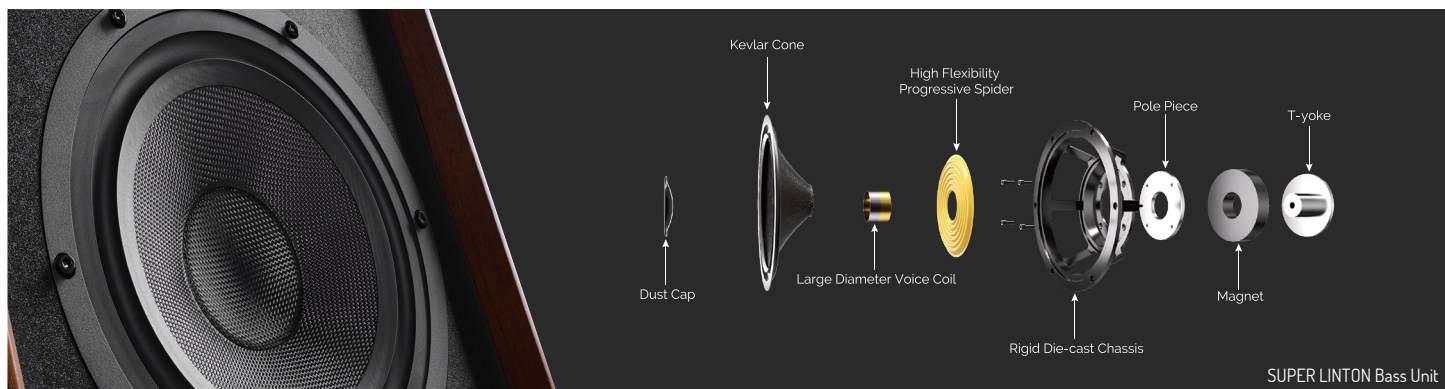
Whilst the original SUPER LINTON was little more than an upgraded cabinet design, the new SUPER LINTON Heritage is much, much more than that. To inherit the preposition 'Super', it is clear, from the outset, that this new design has to take every aspect that makes the Linton such a hit amongst listeners and upgrade the performance into something really special.

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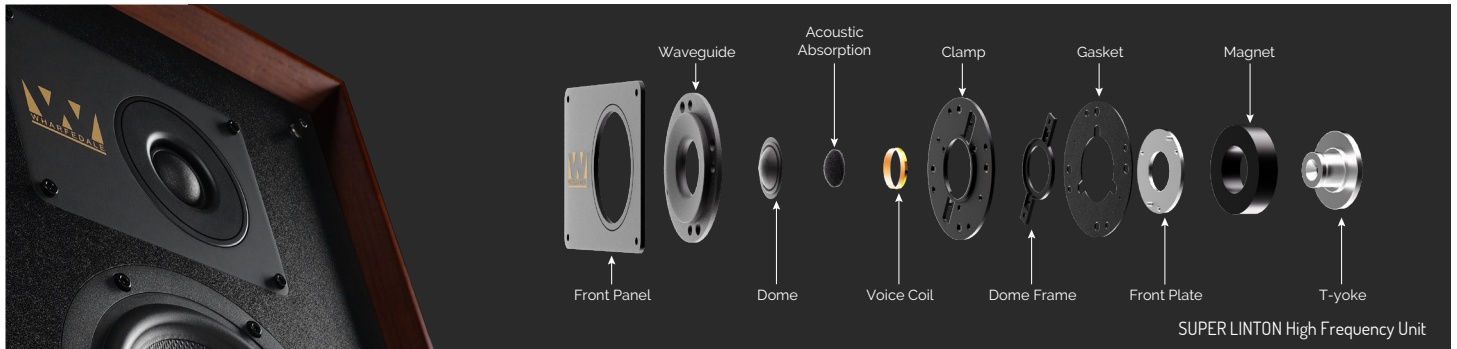
As before, the upgraded cabinet marks the entry of the 'Super' status. Enlarged in volume by increasing the height by 50mm (2 ins), the new cabinet uses a sandwich construction of layers of MDF coupled by latex-based damping glue, specially formulated to reduce panel resonance to below audibility. Pads of thick acoustic damping foam line the cabinet walls, while the interior space is filled with long-hair fibre, both aiding the absorption of internal resonances.

Not only does SUPER LINTON gain a larger, upgraded cabinet, but this extra internal volume has also allowed Wharfedale's engineers to improve the bass unit performance significantly. A more powerful motor system with increased magnet strength now provides not only further extension in the bass, down to 32Hz, but more importantly, adds dramatic bass impact. Improved transient performance from this new bass unit and cabinet plumb depth and detail in the musical performance in a way that is thrilling to experience.

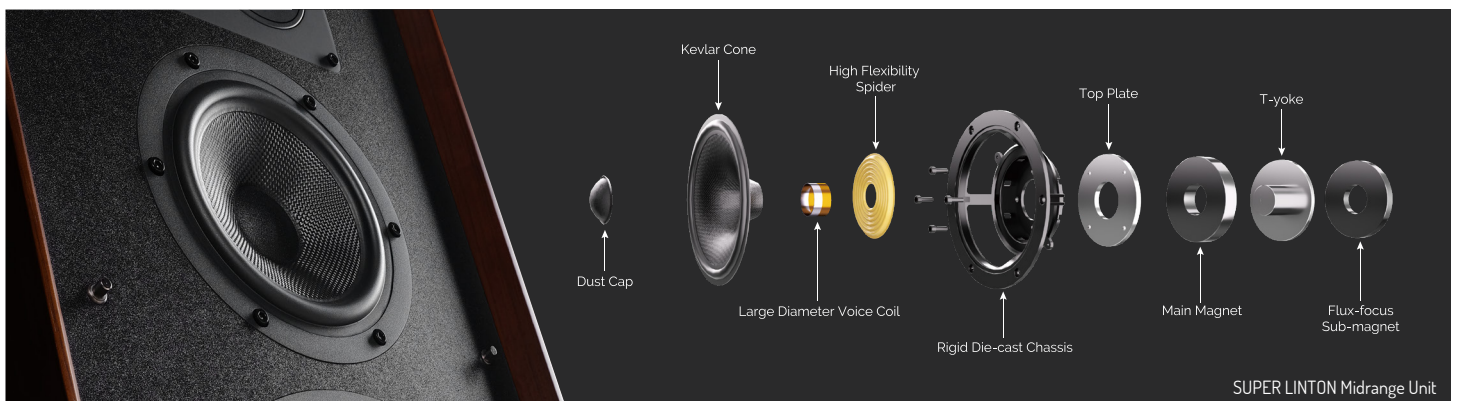


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For the treble output, SUPER LINTON introduces a fine, lightweight fabric weave for its dome material coated with a special damping material and backed by a ceramic magnet-based motor system, all of which contribute to its sweet and detailed character. The revised short horn profile around the dome ensures a smooth response extending down to the upper midrange, while the new front plate design enhances high-frequency dispersion. As expected, the treble output is precisely formulated to match the transient impact and detailing of the new bass unit.



In a similar way, the midrange unit is housed in its own, generously proportioned, cylindrical chamber with graded layers of long-hair fibre to cancel out the back wave from the rear of the cone. The natural and realistic portrayal of instruments and vocals, together with the basis of musical expression, is the province of this unit.



Combining the output of the bass, midrange, and treble units is a brand-new crossover design achieved only after hundreds of hours of listening tests. Split onto two PCBs, to remove any possible electromagnetic interference from the bass crossover components affecting the delicate midrange and treble performance, each crossover utilises specialised inductors and capacitors chosen for their neutrality and transparency.

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Midrange and treble inductors are air core throughout, while the bass inductor, which has to maintain a low DCR, is wound on a Super-Power Laminated silicon iron core. All capacitors are low-loss polypropylene audiophile grade, selected for their transparency, while resistors have been chosen for their low inductance. Finally, the internal cabling uses expanded PE dielectric and LCOFC (Long Crystal Oxygen Free Copper) construction for optimum signal transfer.

Even the grille is a new design, specially shaped on the inside to smooth the power output of the midrange and treble units and improve the transition through the crossover region to provide a seamless integration of all the drive units into a coherent transducer.

You will also be happy to know that SUPER LINTON Heritage suits any amplifier you want to connect it to. With a high sensitivity of 90dB for 2.83V (1 Watt/8 Ohms), the impedance hardly varies from a nominal 6 ohms over the majority of the frequency range. Obviously the transparency and clarity of SUPER LINTON reveals the best performance from any associated equipment, no matter what source you choose whether analogue or digital.

Accordingly, when you set up SUPER LINTON Heritage on its dedicated stands, you will find that you are not listening to a loudspeaker but, instead, are drawn into a new musical world, rich in detail and finesse, that allows you to hear exactly how musicians are performing. No matter the style or genre of the music, SUPER LINTON Heritage makes listening to music in the home a stunningly realistic and emotional experience. This is what high fidelity is meant to be!



In 1979, Peter Comeau co-founded Heybrook Hi-Fi to design and manufacture the multi-award-winning HB1 and classic HB2 loudspeakers. In 2009, after leading IAG speaker development since the acquisition of Mission, Peter assumed overall acoustic design responsibility for all of the brands within the Group, including Wharfedale. With a deep respect for the history of these brands and the necessity to maintain each individual brand's design integrity, Peter continues to design award-winning speakers at IAG's research centres in Huntingdon, England, and Shenzhen, China.

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# SUPER LINTON *Heritage Loudspeakers* DESIGNER'S NOTES

