

# Harbeth®

AUDIO

*Super*  
**HL5**



The hi-fi reference



Engineered in England



## The Harbeth Super HL5 . . . a true classic

### Product overview

The Super HL5 is a substantial loudspeaker for stand use. Its acoustic excellence can be demonstrated using modest source equipment but, as a true thoroughbred, it will also faithfully and effortlessly reveal the subtleties of the very best recording, equipment and SACD sources available.

At first glance, the Super HL5 looks conventional - but don't be deceived: beneath its beautiful real wood veneer lies the perfect combination of Harbeth's world-class technologies: unique cabinet construction, the ultra-pure RADIAL™ bass/midrange drive unit, sophisticated crossover for perfect integration of all three drive units and the acoustically invisible grille.

### Cabinet construction

Cabinet colourations give conventional speakers a sonic character that is superimposed on to everything they attempt to reproduce. In contrast, the Super HL5 is crafted around the thin wall cabinet construction technique extensively researched and proved by the BBC and used in all BBC-style monitoring speakers. The front and rear panels are separate from the cabinet shell and attached by numerous screws, each carefully tensioned and with a specific anti-resonance function. Harbeth's SuperTunedStructure™ of so called 'elastic boundaries' guarantees that the cabinet remains acoustically inert, contributing nothing to music and neatly - although at high machining-precision and manufacturing cost - eliminating cabinet colouration no matter how complex the musical signal.

Harbeth RADIAL™ cone technology is the result of ten years painstaking research into the 'sonic signatures' of loudspeakers, work performed jointly by Harbeth and the Science and Engineering Council. This project led to the development of a patented new plastic cone material, which is extremely rigid and does not absorb the fine transient detail in the music as conventional speaker plastic cones always do. RADIAL™ coned drive units, such as the 200mm unit fitted to the Super HL5, deliver a mid band of such breathtaking clarity that Super HL5 users rediscover their entire music collection.

Throughout its 25-year history, Harbeth has proved to be a master of the art of seamlessly blending the outputs of speaker drive units and Harbeth crossovers have the minimum of components consistent with perfect integration. Listening to a Harbeth, the union of the drivers is so smooth that one is completely unaware of listening to speakers at all. You hear the music portrayed on a wide and plausible sound-stage, each instrument located with pinpoint accuracy and human voices reproduced with uncanny realism. We call it the "being there" sound.

Having to remove the speaker grilles from conventional speakers in order to get the best sound seemed to us to be illogical. So Harbeth designed the SuperGrille™ that can remain in place at all times protecting the drivers yet with no audible effect on the sound whatsoever. Less is indeed more.



SuperHL5 - with SuperGrille™ removed

Regardless of the kind of music you play, loud or soft, the Super HL5's will deliver what the recording engineer intended you to hear, without adding anything, or taking anything away. But don't take our word for it. Ask for a demonstration today

### Technology

A three-way design using a unique Harbeth RADIAL bass/mid unit, a SEAS 25mm HF unit and 20mm titanium super tweeter, the SHL5 has a wide, linear frequency response and world class dynamics and clarity. Truly Super Audio CD 96kHz compatible, the 50ltr. cabinet offers a warm, solid, thrilling low end response.

### Harbeth Super HL5: technical specification

Transducer system	Vented 3 way loudspeaker
Drive Units	LF: Harbeth 200mm RADIAL™ polymeric composite cone, antimagnet HF: custom 25mm ferrocooled aluminium dome <i>Supertweeter</i> : 20mm titanium dome neodymium magnet, waveguide face
Frequency response	40Hz - 24kHz ± 3dB free space, 1m with grille on, smooth off axis response
Sensitivity	86dB 1W/1m
Amplifier suggestion	25-150W
Nominal Impedance	8 ohms nominal
Power handling	150W programme
Connector	Four 4mm gold-plated binding posts (biwireable)
Dimensions (h x w x d)	638mm x 322mm x 300mm
Finish	Cherry, Maple real wood (standard) Others available to special order.
Weight	16.8kg each, 19.6kg packed singly
Special Features	AV ready with controlled magnetic field and suitable for close proximity to TV and computer screens
Recommended listening Technology	On stands at approx. tweeter height Low-Q critically damped crossover <i>SuperTunedStructure™</i> <i>SuperGrille™</i>

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