

Harbeth

LOUDSPEAKERS



Made in England



The world's best-loved loudspeakers

www.harbeth.co.uk



BBC Proms



BBC Proms

Introduction

BBC-inspired monitor loudspeakers ... perfected

Harbeth constantly builds on the BBC loudspeaker legacy that we inherited. Our unique twenty-first century all-British technology now brings unrivalled sonic superiority and class-leading clarity to the home.

Today's Harbeth is a unique British success story.

Our late founder Dudley Harwood was head of the BBC's legendary loudspeaker R&D team. Although nostalgia has its place, what today's serious listener demands is more than simply a re-creation of those early models.

No matter what your musical source, Harbeth loudspeakers are capable of extracting the last atom of sonic detail. As you will discover, that is largely due to our ongoing innovations in loudspeaker diaphragm materials.

The RADIAL™ secret

Research And Development Into Advanced Loudspeakers

The fundamental sound quality of a loudspeaker is encoded into the DNA of the cone material.

At the heart of every Harbeth beats our own exceptional bass/midrange RADIAL™ drive unit – designed and hand-crafted right here in Sussex, England.

Nothing outperforms Harbeth's polymer RADIAL™ diaphragm for clarity of sound – it's the core of the Harbeth experience.

Pictured from top: the vital heart of the Harbeth sound. RADIAL™ drive units assembled; tested and matched; fitted to cabinets; the designer with the finished product. FRONT COVER - M40.2 in cherry OPPOSITE - Harbeth brings the music home





Harbeth.

RADIAL™

... is the secret behind the Harbeth experience. Loudspeaker cones made from conventional plastics have the wrong balance of mechanical and acoustic properties for audio reproduction. What's needed is a completely fresh approach: new thinking, new materials.

Harbeth's advanced cone technology project created RADIAL™ – the secret-formula used in Harbeth's exclusive bass/midrange drive units.

Over five man-years of Harbeth's dedicated, world-class research (part-funded by the UK Government) investigated all loudspeaker diaphragm materials. None met the Harbeth requirement for clarity and neutrality, so

Harbeth RADIAL™ was born – and even further advanced as RADIAL2™.

Pistonic behaviour is critical across the entire audio range – so only with our RADIAL™ cones is it possible to achieve the freshness of live sound.

To appreciate the openness and resolution of RADIAL™ cone technology enjoy your music through Harbeths.

GLOSSARY

SuperGrille™ – Harbeth's exclusive grille with acoustically-transparent cloth to protect the drive units while letting the music through.

Suggested Power – a larger amplifier used within specification will give a more musical sound than a small one driven beyond its linear operating range. Take into account listening level, room size, how far away you sit, and the type of music you enjoy.

Power Handling – an indication of the maximum short-term power capacity of the speaker playing music of average energy.

Cabinet dimensions exclude binding posts; weight is nett, excluding packaging.

Stands – loudspeakers are at their best when the (main) tweeter is approximately level with the listener's ears – the so-called 'on-axis' listening position.

Positioning – acoustically reflective surfaces influence the quality and quantity of sound. Experiment with different seating/speaker positioning for best sonic balance. Absorptive surfaces reduce sound reflections and improve fidelity.

Warranty – every Harbeth is covered against defects by a 12-month manufacturer's warranty, extendable to three years after online registration (subject to Terms - see our website).

From top: Harbeth in surround sound; at the British Library; for BAFTA award-winning TV sound by Robert Edwards; and at home.

"The best iteration yet from any manufacturer of the BBC LS3/5A mini monitor concept."

Stereophile

Harbeth.

P3ESR

The Harbeth experience in a small package

The miniature P3ESR produces the wonderfully natural Harbeth experience in spaces normally considered too small for such high-quality listening.

This loudspeaker is engineered around a special, 110mm Harbeth RADIAL2™ cone. With over forty years of expertise in delighting the ears through class-leading mini monitors, the result is a far bigger soundstage than its shoe-box size might suggest.

Unexpected bass, pinpoint imaging and a satisfyingly full-bodied sound are the hallmarks of this beautifully-crafted, use anywhere speaker. It brings real listener involvement to even the smallest space.



Specifications (also M20.1)

- ◇ **System:** 2-way sealed
- ◇ **Drive Units:** 110mm Harbeth RADIAL2™ bass/mid; 19mm ferro-cooled tweeter with HexGrille
- ◇ **Frequency Response:** 75Hz - 20kHz ±3dB free-space, grille on, smooth off-axis response
- ◇ **Impedance:** 6Ω – easy to drive
- ◇ **Sensitivity:** 83.5dB/1W/1m
- ◇ **Suggested Power:** from 15W/ch
- ◇ **Power Handling:** 50W
- ◇ **Terminals:** pair 4mm gold-plated binding posts – for wires or plugs
- ◇ **Dimensions:** 306 x 190 x 184mm (hwd)
- ◇ **Weight:** 6.1kg
- ◇ **Packing:** matched-pair per carton
- ◇ **Position:** ideally, away from walls
- ◇ **Stands:** typically 24 inches
- ◇ **Tweeter:** 230mm up from cabinet base

Veneer options - see page 10

– not all veneers in all countries

Black Ash, Cherry, Eucalyptus, Maple, Rosewood.

Awards include



Eucalyptus

"BBC style monitors in the classic and best sense of the word."

Hi-Fi World



Harbeth. Compact 7ES-3

The popular, transparent all-rounder

The highly-acclaimed Harbeth C7ES-3 is a listening legend. This award-winning design creates a natural, clear sound with great openness and reproduces every type of music with ease – from rock to opera, jazz to choral music.

With Harbeth RADIAL2™ cone technology at its heart to guarantee an outstanding fresh and revealing presentation, the C7ES-3 performs effortlessly everywhere.

This medium-sized cabinet loudspeaker offers outstanding value as a use-anywhere solution to high-quality home listening.

The popular all-rounder: fresh and fun.

Specifications

- ◆ **System:** 2-way vented
- ◆ **Drive Units:** 200mm Harbeth RADIAL2™ bass/mid; 25mm ferro-cooled tweeter with HexGrille
- ◆ **Frequency Response:** 45Hz - 20kHz ±3dB free-space, grille on, smooth off-axis response
- ◆ **Impedance:** 6Ω – easy to drive
- ◆ **Sensitivity:** 86dB/1W/1m
- ◆ **Suggested Power:** from 25W/ch
- ◆ **Power Handling:** 150W
- ◆ **Terminals:** pair 4mm gold-plated binding posts – for wires or plugs
- ◆ **Dimensions:** 520x272x305mm (hwd)
- ◆ **Weight:** 13.2kg
- ◆ **Packing:** one speaker per carton
- ◆ **Position:** ideally, away from walls
- ◆ **Stands:** typically 16-21 inches
- ◆ **Tweeter:** 440mm up from cabinet base



Rosewood

Veneer options - see page 10

– not all veneers in all countries

Cherry, Eucalyptus, Maple, Rosewood, Tiger Ebony.

Awards include



"One of the most beautiful-sounding speaker systems I've heard..."

Paul Seydor, The Absolute Sound

Harbeth.

Super HL5^{plus}

Redefining our heritage

From America to Japan, Germany to Russia, this seventh-generation of Harbeth's legacy model has delighted everywhere it's played. After just a few months in the market the SHL5^{plus} is already gaining global awards for sonic excellence.

Unbeatable Harbeth RADIAL2™ technology and a complete top-down redesign has created a new level of audio engagement.

Harbeth's SHL5^{plus} is a serious speaker for the discerning listener: the ultimate mid-sized stand-mounted loudspeaker.

Totally thrilling.



■ Specifications

- ◆ **System:** 3-way vented
- ◆ **Drive Units:** 200mm Harbeth RADIAL2™ bass/mid; 25mm ferro-cooled tweeter with HexGrille; 20mm Super Tweeter.
- ◆ **Frequency Response:** 40Hz - 20kHz ±3dB free-space, grille on, smooth off-axis response
- ◆ **Impedance:** 6Ω – easy to drive
- ◆ **Sensitivity:** 86dB/1W/1m
- ◆ **Suggested Power:** from 25W/ch
- ◆ **Power Handling:** 150W
- ◆ **Terminals:** two pairs 4mm gold-plated binding posts – for wires or plugs (remove links to bi-wire)
- ◆ **Dimensions:** 635x322x300mm (hwd)
- ◆ **Weight:** 15.8kg
- ◆ **Packing:** one speaker per carton
- ◆ **Position:** ideally, away from walls
- ◆ **Stands:** typically 16-20 inches
- ◆ **Main tweeter:** 475mm up from cabinet base

■ Veneer options - see page 10

–not all veneers in all countries

Black Ash, Cherry, Eucalyptus, Rosewood, Tiger Ebony.

■ Awards include



Cherry

"Ravishing... one of the most completely satisfying speaker systems I've ever used."

The Absolute Sound



Tiger Ebony

Harbeth. Monitor 30.1

The space-saving reference monitor

This miracle of space-saving technology fulfils the BBC's original concept of Grade One monitoring in an easy-to-accommodate loudspeaker solution.

Bringing the essence of the flagship Monitor 40.2 to the more intimate listening environment of the home, Harbeth's M30.1's outstanding midrange clarity and well-controlled bass brings music to life.

The M30.1 combines a wide-band derivative of the Harbeth RADIAL2™ midrange unit from the M40.2 reference with a carefully optimised crossover network.

Clean, smooth sound.

Specifications

- ◆ **System:** 2-way vented
- ◆ **Drive Units:** 200mm Harbeth RADIAL2™ bass/mid; 25mm ferro-cooled soft dome tweeter with HexGrille
- ◆ **Frequency Response:** 50Hz - 20kHz ±3dB free-space, grille on, smooth off-axis response
- ◆ **Impedance:** 6Ω – easy to drive
- ◆ **Sensitivity:** 85dB/1W/1m
- ◆ **Suggested Power:** from 25W/ch
- ◆ **Power Handling:** 150W
- ◆ **Terminals:** pair 4mm gold-plated binding posts – for wires or plugs
- ◆ **Dimensions:** 460x277x275mm (hwd)
- ◆ **Weight:** 11.6kg
- ◆ **Packing:** one speaker per carton
- ◆ **Position:** ideally, away from walls
- ◆ **Stands:** typically 20 inches
- ◆ **Tweeter:** 320mm up from cabinet base



Rosewood

Veneer options - see page 10

–not all veneers in all countries

Black Ash, Cherry, Eucalyptus, Maple, Rosewood, Tiger Ebony.

Awards include



"It just proves, doesn't it, that as technology advances it's possible to make even the best better!"

Alan A. Shaw, designer

Harbeth.

Monitor 40.2

Harbeth's best loudspeaker, ever

The Monitor 40.2 redefines the term 'reference loudspeaker'. Built on the success of the multi-award-winning M40.1, this new generation is the biggest leap forward in sonic supremacy in Harbeth's long history.

Perfectly balanced, improved efficiency, and more transparent and engaging, the M40.2 takes the Harbeth experience to a new level in a wider range of listening environments.

With its mesmerising and addictive soundstage, Harbeth's M40.2 reference monitor produces a grand, dynamic and unforgettable sonic experience.

The closest you'll come to 'being there'.



Specifications

- ◆ **System:** 3-way vented
- ◆ **Drive Units:** 300mm Harbeth bass unit, 200mm RADIAL2™ midrange; 25mm ferro-cooled soft dome tweeter with HexGrille
- ◆ **Frequency Response:** 35Hz - 20kHz \pm 3dB free-space, grille on, smooth off-axis response
- ◆ **Impedance:** 6-8 Ω – easy to drive
- ◆ **Sensitivity:** 86dB/1W/1m
- ◆ **Suggested Power:** from 50W/ch
- ◆ **Power Handling:** 650W
- ◆ **Terminals:** pair 4mm gold-plated binding posts – for wires or plugs
- ◆ **Dimensions:** 750x432x388 mm (hwd)
- ◆ **Weight:** 38kg
- ◆ **Packing:** one speaker per carton
- ◆ **Position:** ideally, away from walls with tweeter at or just below ear level.
- ◆ **Stands:** from 14 inches
- ◆ **Tweeter:** 660mm up from cabinet base

Veneer options - see page 10

- not all veneers in all countries

Cherry, Eucalyptus,
Rosewood, Tiger Ebony.

Professional installations of the M40 Series include

Fountain Studios (*The X-Factor*, *Britain's Got Talent*, *The Cube*), ITV Leeds (*Emmerdale*), BBC Elstree (*Eastenders*), BBC Cardiff (*Crimewatch*), The British Library, National Film & TV School, Sony Music.



Cherry



Harbeth. Veneers

A range of beautiful medium-sheen wood veneers, carefully selected to match most rooms. Check with your Harbeth Dealer for local availability*.



Black Ash is an ever-popular filled-grain finish ideal for all domestic and professional installations.



Cherry is a light veneer, with a hint of pink which acquires a warm hue as it darkens with age.



Eucalyptus, a busy veneer with complex patterns and colours creating an interesting room feature.



Maple is light (sometimes called blonde) with minimal figuring and is popular in contemporary settings.



Rosewood, a distinctive and richly-hued timber, brownish-red with darker figuring features.



Tiger Ebony is striking with its stunning black and brown pattering reminiscent of a tiger's markings.

All colours approximate. *Not every model or specification is available in every country. Please check with your Dealer.

From top: Maple P3ESR, Tiger Ebony C7ES-3, Rosewood Monitor 30.1 and Eucalyptus Super HL5plus.



Eucalyptus SHL5plus

Harbeth

RADIAL™ technology

www.harbeth.co.uk

Your selected Harbeth Dealer looks forward to meeting you



E&OE. All colours approximate.
Specifications may change without notice. Please check with your Dealer.
Not every model or specification is available in every country.
Some veneers by special order only, subject to Terms.