



Monitor 20



Monitor 30



Monitor 40.1

## HARBETH MONITOR LOUDSPEAKERS

Established in 1977 by the former head of the BBC's Loudspeaker R&D Department, the Harbeth name is highly respected for natural, true-to-life sound. Today's Harbeth has its roots firmly in the BBC tradition, where trained sound professionals expect monitor loudspeakers to 'tell them like it is'. With digital compression touching all areas of audio, a Harbeth will reveal low-level artefacts that are inaudible on many speakers.

### Harbeth Mastering Series

Substantial funding from the Science and Engineering Research Council into new colouration-free bass/midrange driver technology is at the heart of the Mastering Series. The "BBC sound" is there in all three models, from the shoe-box sized Monitor 20 right through to the three-way 'Grade 1' Monitor 40. There is a consistency of sound balance regardless of cabinet size. The Mastering Series was conceived as drop-in replacements for the BBC LS3/5a (Monitor 20), BBC LS5/9 (Monitor 30) and BBC LS5/8 (Monitor 40.1), and, as events transpired, the demise of Rogers (see later) has resulted in many BBC LS users including BBC TV and Radio and numerous TV, Radio and Post Production houses upgrading to Monitor 20, 30 and 40.1.

#### Monitor 20

Designed to replace the broadcaster's workhorse, the BBC LS3/5a, the Monitor 20 is well established in desktop editing, OB's and vision galleries where a truly high-quality natural sound is demanded but in a really compact and unobtrusive cabinet. This two-way design combines two shielded drive-units (unlike its LS3/5a predecessor) which permits very close proximity to TV and computer monitors without picture distortion. Used widely within the BBC in 'workstation-offices'.

#### Monitor 30

The Monitor 30 fits the role of the BBC's LS5/9, and offers a substantial improvement in resolution and sonic integration on and off-axis. The '30 represents an excellent all-rounder, capable of higher spl's than the '20 and offering the perfectly neutral mid-band performance of the flagship Monitor 40.1 with which it shares the same top two drive-units, and therefore sound. The larger tweeter has proved to be rugged and capable of excellent transient performance; smooth and revealing. The '30 is popular with users on very long and tiring shifts who complement the detailed yet easy Harbeth sound that exemplifies the Monitor 30.

#### Monitor 40.1

The Monitor 40.1 is Harbeth's ultimate monitoring solution: adaptable and flexible. The audio range is divided between three optimised transducers - a fast 300mm low-mass bass unit; the Harbeth patented midrange; and the large, high-end tweeter. The result is a system with the familiar dimensions of the BBC LS5/8 (which it is replacing) yet with a seamless audio performance right across the audio range.

Users include BBC TV dubbing, technical review, BBC Radio and TV broadcast sound, commercial recording in stereo, and combined with Monitor 20s or 30s in Dolby Digital mastering.

### Technical Specification:

	Monitor 20	Monitor 30	Monitor 40.1
<b>Passive:</b>			
Frequency response ( $\pm 3$ dB)	75Hz-20kHz	50Hz-20kHz	20Hz-20kHz
Sensitivity:	83dB%W @ 1m	86dB%W @ 1m	85dB%W @ 1m
Suggested amplifier:	40-80W	70-150W	100-300W
Power rating, programme:	45W	100W	150W
Pair matching:	$\pm 1.0$ dB	$\pm 0.75$ dB	$\pm 0.75$ dB
Impedance, nominal:	4 - 6 ohm	6 - 8 ohm	6 ohm
Connector:	Speakon NL2FC	Speakon NL2FC	Speakon NL2FC
Dimensions:(w x h x d) mm:	190 x 306 x 190	277 x 460 x 285	432 x 750 x 400
Weight:	7.0kg	16kg	40kg

### Ordering note:

Harbeth loudspeakers are priced and sold in matched pairs, ensure you order correctly - e.g. 1 x 76-121 orders 1 pair Monitor 20. Items ordered incorrectly will be subject to a returns handling charge. Standard cabinet finishes are shown in the price lines. Alternative finishes, e.g. other Nextel colours, or other wood veneers, are available to special order (may be subject to minimum manufacturing quantities), price by quotation.

76-121	HARBETH MONITOR 20 LOUDSPEAKER 45W, 6 ohms, passive, studio, grey, (pair)
76-127	HARBETH MONITOR 30 LOUDSPEAKER 100W, 8 ohms, passive, studio, grey, (pair)
76-138	HARBETH MONITOR 40.1 LOUDSPEAKER 150W, 6 ohms, passive, studio, grey, (pair)