



## Product Information

### get the sound get the picture

#### 5005.2 Series

The rise in demand for larger, flatter TV screens has created a move to more high quality, well designed speaker systems that compliment the screen in both aesthetics and sound quality. The looks must be slim-line, long speaker enclosures that are in proportion to the screen and a rich expansive sound that enhances the viewing pleasure.

The KEF home theatre (KHT) concept fulfils these needs and the KHT5000 series has evolved to a new “hybrid” that moves the story onwards in home entertainment.

The popular slim-line speakers are significantly improved by the addition of new drivers, which provide rich bass, clear mid-range and superior high frequency sounds. The much acclaimed HTB2 subwoofer means that the user can place it in a more desirable position and enjoy a rich “all-encompassing” bass.



# features & benefits

## 5005.2 Series

### Satellite Speakers

KEF patented Uni-Q driver technology means you can sit anywhere and still enjoy the full sound effects.

Improved bass drivers give greater bass extension and can play twice as loud. Speakers use distinctive black grilles in keeping with modern screen styling.

### Subwoofer

HTB2 subwoofer offers excellent performance and a minimalist style to match the speakers.

Ultra-reliable high efficiency 250W class D amplifier. Plays very loud and clean all day long, if necessary.

250mm (10in.) driver with matching passive bass radiator. This configuration ensures that the surprisingly small enclosure reaches down to give astonishing deep bass, and can deliver both awesome movie effects and subtle musicality, as needed.

Flexible positioning. Depending on your space requirement or your visual preference, vertical or horizontal orientation is possible.

Acoustically inert enclosure shaped to eliminate internal standing waves. In a nutshell, no nasty buzzes or rattles when driven hard.

SmartBass™ 'connect and go' feature for simplicity of set up. Our engineers have carefully designed HTB2 to be as simple and practical as possible; just connect it to the mains and your AV receiver to be assured of optimum performance without the hassle of "tweaking".

Thermal and over-current protection built into the amp and PSU ensuring ultra reliable performance.

Sophisticated limiter system to prevent voltage overload optimised for maximum audio quality.



Specifications	HTS/HTC5001.2	HTB2 Subwoofer
Design	Powered Subwoofer with passive radiator	Satellite speaker / Centre channel
Drive Units	75mm (3in.) UNI-Q® array with 15 mm (0.6") HF,	1 x 250mm (10") 1 x 250mm (10") ABR
Frequency range	2x75mm (3") LF 95 Hz - 30kHz	30Hz - 250Hz
Crossover frequency	lf to mf = 800Hz mf to hf = 5kHz	
Amplifier		250 Watts built in class D amplifier
Power Handling	100 W	100 - 240 V ac ~, 50 - 60 Hz
Magnetic shielding	Yes	Yes
Sensitivity (2.83V/1m)	(2.83V/1m) 87dB	
Maximum output (SPL)	106dB	110dB SPL @ 1m
Impedance	8 ohms	
Internal volume	1.4 litres	15 litres
Weight	2 kg (4.4 lbs)	11.3kg (24.9lbs)
Dimensions (H xW xD)	419 x 88x 127mm (16.5 x 3.46 x 5.0")	390 x 440 x 195mm 15.3 x 17.3 x 7.6in. (vertical)  227 x 440 x 385mm 8.9 x 17.3 x 15.1in. (horizontal).
Cabinet finishes	Matt Silver or High Gloss Black	High Gloss Black or High Matt Sliver
Low Pass Filter		Fixed 250Hz 4th-order
Low level signal inputs		RCA phono socket