



## KEF Q50a Dolby Atmos-Enabled Surround Speaker

Dolby Atmos is more than surround sound. It is an audio processing technology capable of teleporting you from your living room into the world of your movies like never before. Other technologies simply map sounds to specific channels, but Dolby Atmos makes each sound an object. As the object moves around the scene, Dolby Atmos naturally moves sound along with it – even from above – creating an audio environment that puts you at the centre of the movie.

Designed to work seamlessly with the KEF Q Series range and other AV speaker systems, Q50a Dolby Atmos-Enabled Surround Speakers are upward firing speakers designed to be placed on top of front and rear satellites. Simply put them into position and wire them into a compatible A/V receiver or pre-processor. Sound has been expertly tuned by KEF acoustic engineers to bring an extraordinarily immersive, cinematic verticality of Dolby Atmos sound into your home without mounting overhead speakers, using precision ceiling reflection. Q50a is also easily mounted on the wall using dedicated keyhole fixings, creating a high-fidelity home surround sound experience that combines seamlessly with the newest Q Series speakers.

The use of a Damped Tweeter Loading Tube – a rubber, chisel shaped damper – terminates sound at the back of the speaker more gently. It keeps high frequencies sounding detailed and natural. At the heart of Q50a is the latest Q Series Uni-Q driver array. It features a lighter cone return, improved spider suspension, and a new generation of cone neck decoupler to create excellent dynamics with a supremely accurate, fast, and clean response.

Designed as a part of the Q Series family, Q50a's visual design shares consistent elements with other Q Series speakers. Its fine satin matt finish, available in either black or white with matching driver colours, blends seamlessly into any contemporary or traditional interior.

Once installed, watching a film at home will never feel the same again. The world around you is suddenly filled with three dimensions of sound, from the quiet flutters of a butterfly's wings to the high-pitched pings of star ship lasers, and as these sounds move on screen, they move around you. Watching a movie isn't for observers anymore. It's for participants.

## Features:

- Q50a Dolby Atmos-Enabled Surround Speaker
- Designed as a part of the Q Series family, with aesthetic design and finishing consistent with the rest of the Series
- Designed to be placed on top of the Q Series, it could also pair up with other floorstanding or bookshelf speakers
- Integrates perfectly with the Q Series, with the same and latest Uni-Q driver array technology as used in all new Q Series speakers
- Damped Tweeter Loading Tube  
(Technology originally developed in THE REFERENCE Series)
- Wall-mount keyholes for wall-mounting
- Available in satin black and stain white finishes



## Specifications

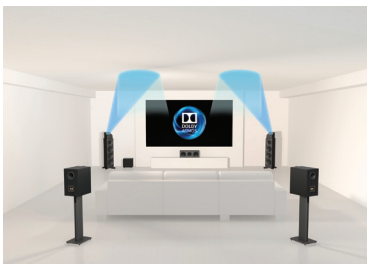
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| Model                                    | Q50a  |
| Design                                   | Two-way Closed Box  |
| Drive units                              | 130mm (5.25in.) aluminium Uni-Q<br>25mm (1in.) vented aluminium dome HF |
| Frequency range free field (-6dB)        | 96Hz-19.5kHz  |
| Frequency response (±3dB)                | 105Hz-18.5kHz   |
| Crossover frequency                      | 2.5kHz  |
| Amplifier requirements                   | 10-100W   |
| Sensitivity (2.83V/1m)                   | 86dB  |
| Maximum output                           | 106dB   |
| Nominal impedance                        | 8Ω (min.4.6Ω)   |
| Weight *                                 | 4.25kg (9.4 lbs)  |
| Dimensions (H x W x D) *                 | 174 x 180 x 259 mm  |
| Dimension (H x W x D) with rubber feet * | 178 x 180 x 259 mm  |
| Colour                                   | Black / White   |

\* Measurement per unit



## Dolby Atmos Configurations

Because Dolby Atmos is not channel-based, you're not limited to any particular playback configuration. As your Dolby Atmos A/V receiver or pre-processor automatically allocates the sound output to whichever of the available speakers best reproduce the desired three-dimensional effect, you can use Dolby Atmos-Enabled Q50a Surround Speaker modules on your floorstanding or bookshelf speakers.



5.1.2 setup with 2 x Q50a



5.1.4 setup with 4 x Q50a

## Surround Sound Configuration

A 5.1 home theatre system setup is shown here with wall-mounted Q50a Surround Speaker modules.



5.1 setup with 2 x Q50a

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