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X300A Wireless

HI-FI YOUR COMPUTER
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# KEF X300A Wireless Digital Hi-Fi Speaker System

## Contemporary hi-fi speakers that bring the golden era of high-fidelity sound to the wireless digital generation





### Wireless high fidelity

The X300A Wireless is a compact, premium quality sound system that allows you to enjoy true high fidelity sound when you're streaming music via Airplay® or DLNA from your computer, MP3 player and mobile devices including Apple and Android.

Simple to set up, and without cables from source to the speakers, it delivers a sweet, richly detailed high resolution sound to a standard of precision that far exceeds what's possible with ordinary Airplay® or DLNA wireless sound systems.

The secret of the X300A's exceptional performance lies in the unusually high specification of what's inside. Like professional studio monitors, each speaker has two dedicated class AB amplifiers, one for LF/MF and one for HF. With each driver powered by its own amplifier, the tweeters (vented to reduce distortion) are unaffected when the woofers are driven close to the limit, resulting in greater control at a higher volume and a much cleaner sound.



Each speaker has a high quality 24-bit digital-to-analogue converter (DAC) sampling at 96kHz. By automatically bypassing the computer's internal DAC, this virtually eliminates interference by separating decoding from playback, further optimising sound quality. Speaker hum and electromagnetic interference are minimised by using toroidal transformers of the type specified for audiophile grade hi-fi amps.

The award winning Uni-Q® 'point source' driver array derives from KEF's flagship Blade speaker, creating a wide, clean and accurate sound field that everyone in the room can enjoy, wherever they happen to sit.

### High definition sound

The Uni-Q driver array uses an extremely light and rigid aluminium/magnesium cone that ensures fast, clean mid-range response. The aluminium tweeter features KEF's 'tangerine' waveguide, and is placed at the acoustic centre of the cone so that both act as one. This unique KEF configuration increases dispersion and reduces the traditional 'sweet spot' effect, making placement easy. Upper registers are reproduced with startling clarity and transition imperceptibly to midrange frequencies.

With other innovations such as KEF's Z-flex surround to eliminate any edge diffraction effects from where the cone meets the cabinet, and large neodymium magnets with copper caps to minimise inductance and distortion, the Uni-Q driver array developed for the X300A creates a generously wide, spacious and exquisitely detailed sound-field.

Whatever device your music is played from, with all-digital USB connection for lossless signal transmission between each speaker and dedicated audiophile quality DACs, you enjoy high resolution sound that retains all the depth and complexity of the original recording.

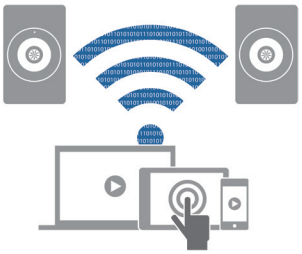
## Pure and simple, configured in minutes

Configuring the X300A Wireless could not be more straightforward - it takes only a few minutes, using the Setup Wizard available at KEF.com. A balance switch allows you to optimise the output for wherever you choose to place the speaker, simply by selecting the appropriate EQ mode on the rear of the master speaker for desk or free space positioning. The mode for positioning the speaker against a wall is achieved by means of a foam plug for the rear reflex port. Then all you have to do is power up your speakers and enjoy your favourite tracks.

## Specifications

| | |
|---|---|
| Model | X300A Wireless |
| Design | Two-way bass reflex |
| Drive units | Uni-Q driver array:<br>HF: 25mm (1in.) vented aluminium dome<br>LF/MF: 130mm (5.25in.) magnesium/aluminium alloy |
| Frequency range (-6dB) | 49Hz - 45kHz |
| Frequency response (±3dB) | 58Hz - 28kHz |
| Max peak SPL | 104dB |
| Amplifier class | Twin Class AB |
| Amplifier power | LF: 50W HF: 20W |
| AC power input | US/JP versions: 100-120VAC 50/60Hz<br>EU/UK versions: 220-240VAC 50Hz<br>China version: 220-230VAC 50Hz |
| Analogue input | AUX: 3.5mm stereo jack |
| Digital input | USB: Mini USB Type B connector |
| Resolution | Up to 24-bit |
| Sampling rate | Up to 96kHz, depending on source resolution |
| Wireless standard | IEEE 802.11b/g |
| Wireless frequency band | 2.4 GHz |
| Network connection | 802.11b/g wireless<br>100 Base-T, RJ45 Ethernet |
| Wireless network streaming | DLNA: V1.5 Digital Media Renderer (DMR)<br>AirPlay: AirPlay works with iPhone, iPad and iPod touch with iOS 4.3.3 or later; Mac with OS X Mountain Lion (10.8.0) or later; and Mac or PC with iTunes 10.2.2 or later |
| Control | Balance control, System volume control |
| Internal volume | 4.7L |
| Dimensions (H x W x D) | 280 x 180 x 243 mm<br>(11 x 7.1 x 9.6 in.) |
| Weight | 7.5kg per speaker |

KEF reserves the right, in line with continuing research and development, to amend or change specifications. E&OE.



## Total compatibility

The X300A Wireless is designed for both Apple (Mac OS X version 10.6 or later) and Microsoft (Windows 7 or later) operating systems, and you can stream your music by Airplay or DLNA from any Apple or Android device. To make the best streaming experience from your Android device, we offer an app allowing you to freely swap between different music libraries and stream the music you want, just download our KEF DMC app at Google Play.

## About KEF

KEF's ethos has always been based on the continuing quest to find new and better ways of reproducing sound. Since the company's establishment in Maidstone, Kent in 1961 by Raymond Cooke O.B.E., KEF has maintained a flair for unusual and controversial speaker engineering, design and material use. KEF has always driven innovation in sound with examples including its iconic 'egg', Muon and Blade speakers. KEF is a member of Gold Peak Group and its products are available in more than 60 countries. In 2011, KEF celebrated its 50th anniversary and now the company continues its commitment to building on its strong heritage.

Visit: **www.kef.com**
for more about KEF and its products.




Available in Gunmetal and Linear White finishes.

