

Press release

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Above: iFi Aurora wireless music system

Light up your life with Aurora

Electrify your music and immerse yourself in sound with iFi's all-in-one music system

Southport, England – iFi's new wireless music system, the Aurora, brings together a unique collection of proprietary technologies to deliver a sonic experience unlike any other tabletop, all-in-one system.

Clad in bamboo and elevated by a distinctive aluminium frame, the Aurora's design is striking. The aesthetic was created by French product designer Julien Haziza, inspired by the architecture in Tokyo's Omotesandō and Harajuku districts. Six drive units nestle behind the bamboo fins that curve around the Aurora's sides, with a further two bass radiators underneath. The system's control panel sits front and centre, with touch-sensitive controls and an OLED display inlaid with bamboo.

The Aurora's name is inspired by its sound. It delivers a remarkably expansive soundstage, tailored to the space in which it sits. It fills the room with sound as the Aurora Borealis fills the sky with light, electrifying your music and immersing you in the performance of your favourite artists.

The Aurora connects to a home Wi-Fi network, enabling users to stream music via their favourite apps, or play audio files stored on networked devices such as computers and NAS drives. Bluetooth is also included, so that users may stream directly from any smart device.

The Aurora is hi-res audio enabled, supporting data up to 32-bit/192kHz without conversion or down-sampling via Wi-Fi, USB or Ethernet cable. Bluetooth streaming also delivers much better sound quality than is typically the case, engineered by iFi to be less 'lossy' than off-the-shelf Bluetooth solutions. All the latest 24-bit Bluetooth codecs are supported, including aptX Adaptive, aptX HD, LDAC and HWA.

Connecting to a Wi-Fi network couldn't be simpler, with push-button WPS set-up. Linkplay's MUZO Player app – or any UPnP/DLNA streaming app – may be used to configure the system and control music. AirPlay and Spotify Connect are also supported.

Several Auroras may be linked together on a Wi-Fi network to make a seamless multi-room system, playing in sync or controlled individually. Whether streaming music from services such as Spotify or Tidal, or surfing the thousands of internet radio stations available from an app such as TuneIn, the Aurora has your digital audio lifestyle covered.



The decision to build the Aurora's cabinet from bamboo was not simply based on its aesthetic properties and environmental sustainability, although these are important considerations. It is also a natural sound absorber, which brings significant acoustic benefits. The hand-built cabinet is stiff and well-braced, with strategically placed damping material to ensure the speaker drivers operate without vibrations and other forms of distortion sully the sound.

There are eight custom-made drive units in total. Four main drivers with 130mm cones are deployed in a wide-bandwidth role to cover the vast majority of the audible frequency spectrum, rolling off towards very low and very high frequencies. This enables an impressively flat frequency response and excellent phase response through the midrange – a key contributor to the Aurora's clear and expressive sound.

These four main drivers are joined by two 28mm silk-dome tweeters to handle very high frequencies, and two passive bass drivers that fire downwards from the underside of the cabinet. The net result is a seamlessly coherent performance with silky-smooth frequency response, an out-of-the box soundstage and bass that delves far deeper than most all-in-one systems can muster.



The Aurora incorporates four core audio technologies, all of proprietary design, which combine to deliver its extraordinary sonic performance:

- **PureEmotion**

At the Aurora's heart lies PureEmotion amplification – a hybrid design incorporating classic valve-based preamplification and advanced solid-state power amplification with ultra-fast switching. This ingenious fusion of amp technologies enables a sound combining purity of tone with a high level of engagement, speed and dynamic gusto, capturing the emotive quality of music in full effect.

- **SoundSpace**

The Aurora's custom-made driver array combines with iFi's SoundSpace matrix, which adjusts the output from specific drivers at certain frequencies. SoundSpace is fundamental to the Aurora's immersive, room-filling performance, enabling the soundstage to extend beyond the confines of the cabinet with expansive width, height and depth. This gives music a palpable sense of scale and space you simply wouldn't expect from an all-in-one music system.

- **ART (Automatic Room Tailoring)**

The Aurora incorporates a 'room correction' system called ART (Automatic Room Tailoring). At the press of a button, six ultrasonic sensors measure the distance to the surrounding walls using ultrasound. Then, a 32-bit ARM Cortex microprocessor adjusts the output from the driver array to precisely tailor Aurora's performance. Wherever the Aurora is placed – in a large room or a smaller one, in a corner, against a wall or in free space – it always performs at its best.

- **TrueBass**

The depth and quality of bass supplied by all-in-one lifestyle systems often leaves a lot to be desired. iFi's TrueBass system, incorporating the two downward-firing bass radiators, ensures the Aurora delivers genuine bass with realistic depth and definition. Dual-level depth control means you can adjust the bass response according to taste, so that everything from timpani, to a bass guitar, to an electronic bassline is conveyed with power and poise.

All of the above technologies operate entirely in the analogue domain to ensure maximum fidelity, without resorting to DSP (Digital Signal Processing) which can have an adverse effect on the purity and resolution of sound.

With its distinctive design and unique collection of proprietary technologies, the iFi Aurora is an all-in-one wireless music system like no other – available now at an RRP of £1,399 including VAT.



AURORA



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iFi is the sister-brand of Abingdon Music Research (AMR) and is headquartered in Southport, UK. The two brands respectively design and manufacture portable, desktop and lifestyle audio products and high-end hi-fi components. Combined in-house hardware and software development teams and a 'music first' approach enable iFi and AMR to create advanced audio products that deliver new levels of design, functionality and performance at their respective price points. Since iFi's formation in 2012, its products have earned many awards around the world, helping it to become one of the fastest-growing brands in its field.

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