

AURORA – ART



AUTOMATIC ROOM TAILORING

ART – Automatic Room Tailoring

The Aurora incorporates a ‘room correction’ system called ART (Automatic Room Tailoring), entirely developed in-house.

At the press of a button, six microphones measure the distance to the surrounding walls using ultrasonic sound. Then, a 32-bit ARM Cortex microprocessor adjusts the output from the speaker array to precisely tailor Aurora’s performance. The effect is similar to the adjustments made by a live sound engineer at a mixing desk when adapting sound to suit different venues.



All the adjustments are made strictly in the analogue domain, without relying on DSP or feedback in the manner of many other room correction systems. This enables much finer and more accurate tailoring of the sound, reacting to room modes and reflections from walls without attempting to ‘neutralise’ the sound in an unnatural way.

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.



Left: Six microphones at the back of the Aurora – two facing backwards, two left and two right – measure the distance to walls using ultrasonic sound

Compiled by Hashstar PR

About iFi

iFi audio is headquartered in Southport, UK. It is the sister brand of Abbingdon Music Research (AMR). They respectively design and manufacture portable and desktop 'ultra-fidelity' audio products and high-end audio 'home-based' components. The combined in-house hardware and software development team enables iFi audio and AMR to bring to market advanced audio products.

Full product info: <http://ifi-audio.com/>

High-resolution photos & official logos: <http://mediaportal.ifi-audio.com/>

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