

Legend Acoustic Tikandi Loudspeaker System

"Tikandi" is an indigenous Australian word meaning "live". It has been chosen because we believe this new top of the range loudspeaker, processor and amplifier system will, given the appropriate sources, enable you to enjoy live music in your home!

The Tikandi system comprises:

1. A stereo pair of specially-designed Legend 3-way loudspeakers in which each low distortion driver is separately connected to its own high quality amplifier leading to greater control and speed of response;
2. DEQX's patented new generation of HDP-3 preamp/correction processor that precisely calculates the signal required for each loudspeaker driver as well as correcting for non-linearities in your room's response.

Thus the Tikandi is designed from the ground up as a system to integrate amplifiers and speakers through the DEQX HDP3 to produce unparalleled fidelity as music was recorded.

Each loudspeaker consists of two modules allowing each cabinet to be tailored to their respective drivers and reduce their interaction. The modules are a truncated pyramid with non-parallel walls to diminish standing waves within the cabinets.

The top module houses the super low-distortion midrange and tweeter drivers. The midrange cone is made from an anodized Al/Mg alloy diaphragm that is extraordinarily light yet exceptionally strong and therefore able to achieve very low distortion across its full operating range. The tweeter's ultra-strong ceramic and aluminium substrate composite dome achieves equally low distortion.

Each driver is connected directly to its own amplifier and not through an energy sapping and distorting passive crossover. This direct connection also lowers distortion and produces greater speed and control.

The lower base module has two 10-inch bass drivers which have almost 1-inch of excursion capability providing bass down to a low 20 Hz. The drivers are located in opposing faces of the cabinet in a bipolar configuration.

This configuration – aided by the extremely solid construction – further reduces the transmission of inter-cabinet vibrations. What's more, each driver has been carefully chosen from the world's best to give the lowest distortion i.e. the closest fidelity to the music being played.

This arrangement essentially cancels cabinet vibration while the heavily-braced structure provides an extremely stable support for the upper module.

However, all this excellent technology would be of little avail if the results did not also sound excellent. After listening to a wide range of music, we believe that the name "Tikandi" is entirely appropriate – these speakers give the emotional response of being at a "live" performance.

To achieve this level of "liveness" involved the cooperation of 2 of Australia's most innovative hifi (audio) companies, DEQX and Legend Acoustics. Both have a passion for what live music really sounds like and a deep understanding of high fidelity design that comes from long experience and comprehensive knowledge of the physics, engineering and electronics involved.

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