

Speaker system enhancement for Sonifex reference monitor range

Sonifex released the Reference Monitor range of three 1U rack mount audio monitors in 2008 and these products have been installed in many OB vans and TV/radio rack-rooms around the world. In October this year, after extensive research, the products were released with a new speaker system.

Managing Director Marcus Brooke commented: "We've had a lot of compliments about the sound of our Reference Monitor products and we're constantly looking at ways to improve our designs and re-appraise our products. Getting an even balanced sound from a 1U rack based product isn't easy and we've looked at different methods of improving the sound since the products' launch: different porting methods, different chassis materials, different damping methods, different cross-over points, different EQing and also different speakers. The new speakers are larger in size, allowing more movement and

we've been able to get a flatter more natural response with them. The new speaker system offers a new clarity for monitoring in a 1U rack".

As well as altering the speaker system, limiting has been introduced per speaker instead of across the mix of the 3 speakers, and this, together with a slightly higher power output allows the new speaker system to be almost twice as loud as the previous version.

The Reference Monitor range of monitors are unique in that they also contain a 5 band parametric EQ, which is configurable via a USB connection, so the sound of the

monitor can be tailored individually for the environment. For example an OB van or equipment room may have a poor bass response, so this could be boosted at particular frequencies where there is a dropout. The three-way loudspeaker system is fed via a DSP-based active crossover and a trio of highly efficient Class-D amplifiers.

All Reference Monitors are now shipping with the improved speaker system.

For more information on the Reference Monitor range of products, go to <http://www.sonifex.co.uk/category/audiomonitors/index.shtml>



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