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Press release

Meridian Launches HD621 HDMI Audio Processor – the Vital Link

6-into-1 HDMI video switcher separates audio/video and improves performance

Meridian has announced the introduction of its HD621 HDMI Audio Processor. This ingenious processor extracts the audio signal from the HDMI input and provides audio outputs suitable for a Meridian system. Internal buffering and processing dramatically improves audio quality. It is also a 6-into-1 HDMI video switch, allowing all your HDMI-based components to be fed via a single video cable to your display. Incorporating an HD621 Audio Processor, a Meridian Surround Controller and Meridian DSP loudspeakers is, arguably, the only way to get true hi-resolution digital content from a Blu-ray® player, all the way through to the loudspeaker, while at the same time delivering the ultimate performance from the format. Indeed, all ancillary HDMI connecting sources will be greatly improved by running via the HD621 – including Sky®, TiVo®, Apple TV®, and standard DVD, games consoles.

HDMI (High Definition Multimedia Interface) connectors are a common sight on HD video and other equipment. Usually employed to carry digital video, HDMI also carries digital audio. However, audio travels down an HDMI cable in bursts and this can significantly increase the level of jitter in the signal. Digital video signals have traditionally been the bane of those in search of the best audio quality. They include very high frequency signals with very fast rise-times and thus tend to radiate an enormous spectrum of harmonics. Ideally, therefore, it makes sense to separate audio and video signals, in particular minimising opportunities for audio quality to be degraded by the presence of video.

The Meridian HD621 HDMI Audio Processor is the vital link between your Meridian system and the latest sources – such as Blu-ray Disc®, satellite/TV receivers and gaming consoles – which use HDMI to carry audio as well as video. Many components today supply both audio and video down the same cable, which compromises quality. The HD621 separates the HDMI signal into its audio and video elements, delivering pristine audio to a Meridian system, while the video content is fed direct to the display via a single cable, eliminating additional switching. The HD621 performs up- and down-sampling of digital audio to ensure the very best sound quality from today's varied sources.

Meanwhile, Meridian's highest-performance FIFO buffering technology removes jitter, consistently delivering a significant improvement in sound

quality from all HDMI sources. The HD621 integrates HDMI sources seamlessly into your Meridian system; so seamlessly, in fact, there's even a programmable lip-sync delay to be sure sound and picture remain in perfect synchronisation – one of the most important details in a quality video experience.

The HD621 is housed in an elegant black slimline case and is available in 1U rack-mount and freestanding versions.

If you want to expand your Meridian experience to include the latest audio and video components, the HD621 forms the vital link.

Meridian's HD621 HDMI Audio Processor is available now at a UK recommended retail price of £1495.00

Release ends/no embargo

All information provided, including specifications, details and prices, are subject to change without notice.

Additional information and high-resolution photography is available from the Meridian Media Centre: <http://media.meridian-audio.com>
For the HD621 go the Accessories folder.

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About Meridian

Meridian is based near Cambridge, UK, and was founded in 1977 by Bob Stuart and Allen Boothroyd. With over 30 years history of innovation and development of the highest quality consumer home entertainment systems, the award-winning company is widely recognised as a world leader in quality audio and video reproduction. Meridian developed the first audiophile CD player, the world's first consumer digital surround controller and developed the MLP lossless packing system included in Blu-ray Disc. The company's optical disc players, DSP-based loudspeakers, video projectors and scalars are unique in the industry, maintaining a super-quality digital signal throughout the path from the studio to the home, using advanced digital signal processing to deliver both a sweet, natural sound and smooth, crystal-sharp images with true cinematic realism.

<http://www.meridian-audio.com/>