



MX2-8X8-HDMI20-Audio

At Lightware, we believe it is important to regularly test third party equipment compatibility with our products. Lightware develops cutting edge products for fixed installations and live event audio visual markets. A new standard recently introduced to the market is HDMI 2.0, to which most manufacturers are in the process of adopting, but the number of AV products on the market like the MX2-8X8-HDMI20-Audio from Lightware, which truly delivers full compatibility with this standard, are quite limited.

Lightware's new MX2-8X8-HDMI20-Audio matrix was the first HDMI 2.0 compatible hardware Lightware introduced and the matrix recently started shipping in full production for customer orders in early 2017. This compact and low noise matrix switcher delivers uncompressed 4K UHD resolution at 60Hz with 4:4:4 colorspace and has many features which make it a fine choice for many commercial and corporate integration applications with additional focus on supporting rental & staging.

Please visit <https://lightware.com/mx2-8x8-hdmi20> to learn more about the MX2-8x8-HDMI20-Audio matrix switcher.

There are already a good amount of equipment on the market which claim to support HDMI 2.0 specifications including Full 4K UHD 4:4:4 max resolution, but in real struggles to perform accordingly, especially in demanding, professional setups.

The UK based company disguise created professional media servers to play huge video content across massive canvases, in the toughest of live environments. The output signals of the servers can be changed to accommodate to the actual show or project as needed, with the help of their Video Format Conversion (VFC) cards.

Please visit <https://www.disguise.one/en/products/> to learn more about disguise media servers and other products.

The disguise device range has recently been complemented with a new, HDMI 2.0 compatible VFC card, which have been tested for signal quality and integrity with the Lightware MX2-8X8-HDMI20-Audio matrix.

The testing concluded with a positive result, the disguise unit with the HDMI 2.0 VFC card has performed to the specs delivering fault-free HDMI 2.0 signal and working error-free together with our MX2-8X8-HDMI20-Audio matrix.

Signal Specifications Tested Test Evaluation

4096 x 2160 @60 YCbCr444 8bit	Passed OK ✓
3840 x 2160 @30 YCbCr444 10bit	Passed OK ✓
3840 x 2160 @60 YCbCr422 10bit	Passed OK ✓
4K signals with HDR 10 content	Passed OK ✓



Lightware Visual Engineering is a leading manufacturer and provider of audio/video extension and switching solutions, including 4K UHD and HDBaseT, used to administer video-rich data in high-end visual environments. Universities, corporations, government, entertainment, health care and industrial customers depend on Lightware's products for reliability and redundancy, security, high performance, no signal latency, and ease of implementation. At Lightware, we are focused on recognizing industry needs and developing performance-rich products that are of the highest quality through continuous consultation with integrators, rental technicians and design engineers. Lightware is headquartered in Budapest, Hungary.

For more information about Lightware products, services and support please visit www.lightware.com



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