

The Atlona 4K HDR Multi-Channel Audio Converter

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Atlona launches the AT-HDR-M2C-QUAD-- a multi-channel audio converter able to extract, decode and downmix multi-channel PCM, Dolby and DTS from four HDMI sources simultaneously, including HDR signals.



The AT-HDR-M2C-QUAD includes HDMI inputs in a single 1U rack-mountable unit. It enables integration of multiple HDMI sources into a whole-house or distributed audio system. TOSLINK digital and unbalanced analog audio outputs deliver stereo downmixed audio to displays, multi-zone audio amplifiers and other audio systems, with the ability to passthrough each HDMI input to a corresponding HDMI output without downmixing.

The converter supports HDMI signals up to 4K/UHD at 60Hz with 4:4:4 chroma sampling at data rates up to 18Gbps, and can de-embed HDMI audio with or without connection to a display or other HDMI destination. It is HDCP 2.2 compliant, handles all video resolutions, audio formats and colour spaces making the HDMI 2.0b specification, and is compatible with HDR formats including 4K HDR10 and Dolby Vision at 60Hz.

Integrated audio volume, bass and treble adjustments eliminate the need for an external DSP to change gain and tone settings. It can be control over IP network via built-in web interface, Atlona Management System (AMS 2.0), the Atlona Velocity IP-based AV control platform or 3rd party control systems.

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