MC3-2HAi

4K60 HDMI 2xIN Card with Analog Audio

| HDMI | 4K/60 UHD (4:4:4)

MC3−2HAi is a high−performance two−port HDMI input card which is part of the compatible modular matrices multi−signal cards family. MC3−2HAi can flexibly occupy any of the matrix card slots and its input signals are independently switched by the modular matrix to any of the matrix output ports. The card dual analog audio ports enable, independently per port, audio de−embedding or embedding

FEATURES

High Resolution Audio–Visual Experience - Modular matrix input card supports high 4K60 4:4:4 AV signal distribution towards any output port of the modular matrix

HDMI™ Signal Distribution - HDCP 2.2 compliant, supporting deep color, x.v.Color™, CEC, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS–HD, 2K, 4K, and 3D as specified by the HDMI 2.0 standard

Multi–channel Audio Transmission - Up to 32 channels of digital stereo uncompressed signals for supporting studio–grade surround sound

Intelligent Forward Audio Routing - Per user selection, independently per port, the analog audio port input signal is converted into a digital signal and embedded into the transmitted HDMI signal, or the embedded HDMI audio input signal is de−embedded and output to the analog audio port. This enables temporarily overriding the audio with another audio source such as from a microphone, or playing the transmitted audio on high–quality external speakers

Intelligent ARC (Audio Return Channel) Routing - The output−returned ARC signal, per user selection, independently per port, is routed to the analog audio bidirectional port that is associated with the HDMI input port. This enables playing the ARC audio on high–quality external speakers, and controlling its volume using an IR remote control either via a remote AV acceptor device (such as a display) or via a local AV acceptor device (such as an AV Receiver with speakers)

TECHNICAL SPECIFICATIONS

Inputs	2 HDMI: On female HDMI connectors
Ports	2 Unbalanced Analog Audio: on 3.5mm mini jacks
Video	Max Data Rate: 18Gbps (6Gbps per graphics channel)
	Max Resolution: 4K@60Hz (4:4:4)
	HDMI Support: HDR 10, 3D, Deep Color, x.v.Color™, ARC, Dolby® TrueHD, Dolby Digital Plus, DTS–HD®, and 7.1 multi–channel audio
	Content Protection: HDCP 2.2/1.4 compliant
Power	Consumption 5W
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: –40° to +70°C (–40° to 158°F)
	Humidity: 10% to 90%, RHL non–condensing
Regulatory Compliance (Standards Compliance)	Safety: CE
Product Dimensions	12.90cm x 24.90cm x 2.00cm (5.08" x 9.80" x 0.79") W, D, H
Product Weight	0.2kg (0.5lbs) approx
Shipping Dimensions	16.50cm x 34.50cm x 5.90cm (6.50" x 13.58" x 2.32") W, D, H
Shipping Weight	0.4kg (0.9lbs) approx