NGTC-MCP4kR2 AES67 Multichannel Processor

The NGTC-MCP4kR2 is an AES67 enabled multichannel audio processor for the NEXGENTEC AUDIO distribution solution.

The NGTC-MCP4kR2 decodes all common digital audio formats and delivers up to 8 AES67 channels of audio for processing by the NGTC digital signal processors (DSP's). It can be easily interfaced with third party control systems via the control network port.

The nexgentec DSP super modules enable efficient design and deployment of the NGTC audio network system, featuring the highest levels of functionality and performance.

Key Features

- 4 Digital multimedia inputs
- 1 TOSLINK digital audio inputs
- 1 Digital multimedia outputs
- ARC and CEC capable

- AES67 audio port, 8 discrete channels
- LAN port for control
- Surround sound postprocessing
- PoE powered on AES67 port

Power and Dimensions

Power Consumption:	< 15 VA
BTU Rating:	< 50 BTU / hr
Operation Temperature Range:	5° to 30°C
Dimensions (H x W x D):	45 mm x 288 mm x 241 mm – 1/2 U
Weight:	1 kg

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Technical Specifications

- Front Panel Display: information
- Multimedia Inputs: 4 x HDMI™ (≤ 192 kHz / 24 bit), 1 x SPDIF optical inputs (≤ 96 Hz / 24 bit)

- Audio Format: bitstream and compressed audio up to 192 kHz
- Video Format: 4 x HDMI™ (2.0 b – HDCP 2.2), accepts 3D 30 Hz, 4 K 60 Hz (18 Gbps), HDR, Dolby Vision™ and HLG

- Multimedia Outputs: 1 x HDMI™ (HDCP 2.2), no scaling
- Control Network: LAN, 1x RJ45 Ethernet connector
- AES67 Audio Network: LAN, 1x RJ45 Ethernet connector