

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



NGTC-MCP4kR2 AES67 Multichannel Processor

Technical Specifications

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