Press Release: NGTC-MCP4k AES67 Multichannel processor.

Genesis Technologies Marine launches 'last missing link'

November 12th – just one day before METSTRADE, the world's largest international B2B trade exhibition for the marine leisure industry, Genesis Technologies Marine is proud to announce the official release of a new and greatly anticipated product: the NGTC-MCP4k AES67 Multichannel processor.

Thanks to this small, but very important component, the first ever, truly unlimited AV over IP solution using Dante™ technology is complete, allowing audio-visual integration on superyachts to take place on a whole new level.

Genesis Technologies Marine specializes in innovative entertainment solutions and the technology behind these, for private superyachts. The company operates as a B2B technology *and* service provider to the integrators that work directly with the shipyards and end clients.

The NGTC-MCP4K is basically a miniature Audio Processor that decodes all common surround formats, including the HD formats from Dolby® and DTS, from an HDMI™ input to the IP network in 8 discrete AES67 channels. This allows full control for audio processing, such as downmixing, EQing, delaying, etc. with the NGTC digital signal processor (DSP). The Genesis proprietary NGTC DSP software super modules not only greatly simplify the system design but also feature the highest levels of both audio performance and functionality.

The NGTC-MCP4K is PoE powered, only half a rack unit high and only half a rack unit wide. That is up to 6U rack space less than offered by previous solutions. Thanks to its form factor and its unique characteristics, it can be placed anywhere on board, from a main equipment rack to behind a tv in a cabin. The NGTC-MCP4K can also be easily interfaced with 3rd party control systems via the control network port.

Earlier this year Edwin Edelenbos, managing director at FWD Innovations and respected expert in the superyacht technology market, published an article that challenged AV manufacturers to launch exactly this product. https://www.linkedin.com/pulse/challenge-av-manufacturers-edwin-edelenbos/

Rico Voegeli, Genesis Technologies CEO states: 'As an engineering company that pioneered network-based AV solutions, we decided to create this product, designated by many of our partners as 'the last missing link' to any truly complete Audio over IP solution. We all needed it, but it was not available, at least not in this form. We can produce custom variations on this product to suit our clients' particular needs.'

Genesis Technologies will be exhibiting at METSTRADE in Amsterdam from 13 to 15 November. They kindly invite you to visit their stand nr 11.719 at the SuperYacht Pavilion (SYP) to experience their innovative and complete AV over IP solutions that can be the solid 'backbone' to the most refined and robust audio-visual entertainment systems on any superyacht.

The NGTC-MCP4k AES67 Multichannel processor

Key Features:

- 3 digital multimedia inputs
- 1 TOSLINK digital audio input
- 1 digital multimedia output
- ARC and CEC capable

- AES67 Audio port, 8 discrete channels
- LAN Port for Control
- Surround sound postprocessing
- POE powered on AES67 port