

Appsys Flexiverter provides flexible digital conversion in compact housing



Appsys adds a series of highly versatile and compact digital format converters to its product range. The new Flexiverter devices are available in a number of variations to cover a multitude of formats. They can even be enhanced through the “Option Port” card slot and the Flexilink technology via HDMI cables.

An Appsys Flexiverter is only one rack unit tall and less than 9.5 inches wide, which means that up to two devices can be mounted side-by-side in a rack. The versatile solutions can also easily be transported in a backpack. The fanless design allows for applications in critical areas, for example near sensitive microphones. Regardless of their portable dimensions, the Appsys Flexiverter offers a host of diverse applications. Reliable multichannel conversion between all established digital audio formats at maximum clock integrity is achieved through ClockShield technology: a loss of the clock signal can be bridged seamlessly and silently for up to a second. In dual operation mode, the power supply is redundant, qualifying Flexiverter for particularly demanding scenarios.

The Appsys Flexiverter is available in five variations supporting AES3 (16x16 channels), AES50 (96x96 channels), AES67/ST2110 (64x64 channels), Dante (64x64 channels) or MADI (128x128 channels). Every device also features a Flexilink Port to connect another Flexiverter or Multiverter unit, a USB port for firmware updates, and a power supply input. Every variation of the Appsys Flexiverter can be equipped with expansion cards via an aux port. These cards add more digital interfaces to the device, granting them a wide array of interfacing options. ADAT (16x16 channels), AES3 (8x8 channels), MADI optical (64x64 channels), MADI coaxial (64x64 channels) and Wordclock cards are available.

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The proprietary Flexilink interface in the Appsys Flexiverter allows for a stable transmission of 128 channels at up to 48 kHz sampling rate via a standard HDMI cable between two Flexiverter units or a Flexiverter and a Multiverter. This opens up a world of possibilities: quickly and easily expand an existing Multiverter with a multitude of additional digital I/Os, including sample rate conversion, if desired; or combine any two Flexiverter variations to create the very solution required in a given situation. The connection is always immediately available and very reliable, as you would expect from Swiss precision. Since Flexilink can supply a Flexiverter with power, connecting any two Flexiverter devices that are individually supplied with power creates a redundant power supply for maximum dependability.

Over the past years, a great variety of possibilities for digital multichannel transmission has been established. Audio-over-IP allows for immense flexibility at relatively low infrastructure cost. However, the multiplicity of formats can complicate cooperation between devices and can result in errors. It can be difficult to distribute the same signals to FOH, monitoring and broadcast consoles of different makes during a show. One manufacturer may employ MADI, the next uses Dante, and the third integrates AES50. The Flexiverter speaks all those languages and functions as the ideal simultaneous interpreter for the digital audio world – fast, reliable and cost-efficient. Additionally, the Appsys Flexiverter is the only system outside of the Music Tribe group to support AES50. A single Flexiverter unit with AES50 and ADAT or MADI expansion cards can enhance an M32 or X32 console with additional inputs and outputs. The simple solution for all interfacing needs: Appsys Flexiverter.

Appsys Flexiverter is distributed in Germany, Austria and Benelux by cma audio exclusively and will be available from February 2021 through retailers and cma audio. The MSRP are 799.00 EUR for a Flexiverter unit and 199.00 EUR for the digital expansion cards.

www.cma.audio
www.appsys.ch