

# AUDIO MEDIA

THE WORLD'S LEADING PROFESSIONAL AUDIO TECHNOLOGY MAGAZINE

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## PRODUCT SAMPLER SURROUND TOOLS

*AUDIO MEDIA* digs deep into the widening world of surround sound to unearth a selection of software and hardware tools dedicated to broadening audio horizons.

Much has happened in the two-plus years since we last covered surround tools, not least an upsurge of commercial SACD recordings facilitating 5.1 DSD (re)mixes tapping into a proliferation of 5.1 home cinema set-ups, as well standard Dolby Digital 5.1-endowed and/or DTS Digital Surround DVD fare. The professional surround sound buck doesn't stop at 5.1, with tools to suit broadcasters and post-production practitioners creating state-of-the-art cinema 7.1-channel mixes, and beyond.

APT (Audio Processing Technology) endeavours to remain at the forefront of digital audio compression with its WorldNet Oslo multiple channel audio interface allowing up to eight full-bandwidth audio channels with low delay (sub-5ms), cascade-resilient, Enhanced apt-X (24-bit/48kHz) coding. Designed for broadcasters and service providers, the unit features several fail-safe options to ensure audio content transportable via synchronous or packetised networks remains available under extreme circumstances.



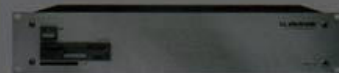
[www.apt-x.com](http://www.apt-x.com)

MAYAH Communications' claims that its Centauri II is the first audio codec to support 5.1 multichannel streaming in Eapt-X, AAC, and AAC+, as well as linear formats. Applicable for a variety of broadcast and corporate applications, features include almost all encoding algorithms (with Flashcast automatic detection), multiple network interfaces (Ethernet, ISDN, X.21/V.35, and E1), remote software with extensive help menu, and more.



[www.mayah.com](http://www.mayah.com)

TC Electronic's recently introduced version 1.60 software for its DB-4/TV Transmission Processor – capable of applying different processing to four mono, two stereo or two 5.1 signals, or to a combination thereof – and its big brother, the DB-8, includes UpCon, a new processor that continuously monitors the format of incoming audio, seamlessly crossfading to a convincing 5.1 surround up-conversion should a signal fall back from true 5.1.



[www.tcelectronic.com](http://www.tcelectronic.com)