

# PRODUCT NEWS



## Omnia-3 and Omnia-6 Launched at NAB

**Cutting Edge (Omnia)** – a Telos Company, was highly visible at the show with new additions to its ever expanding Omnia family of DSP-based audio processors for broadcast. Latest addition is the all digital **Omnia-3**, aimed at enabling stations in mid-sized and smaller markets to compete with the processing power and punch enjoyed by the big boys, but at a very affordable price. Standard features – ‘not found elsewhere’ – include 48kHz sampling, 3-band processing AES/EBU I/O, integrated clipper and composite filter and digital stereo generator (FM model).

Users can store and recall settings with a removable PC card (which makes software upgrades simple) and the user-friendly two-level interface allows for ‘precise sculpting of a station’s unique on-air sound, say Omnia.

However, genial Cutting Edge President **Frank Foti** has

always focussed on the sound of his processors.

‘In radio’s increasingly digital environment’ he observes, ‘it’s more important than ever to be loud without sacrificing quality. The real proof of the Omnia-3 is in the sound. It delivers the precision and clarity of digital control along with the warmth and depth of analogue – and stations don’t have to break their budget to afford this added power.’

The Omnia-3 comes in three versions – **Omnia-3fm**, **Omni-3am** and **Omnia-3net** for Internet audio streaming, each breaking the \$4000 barrier at a retail price of \$3,580. There is also an optional, fully DAB-ready remote control.

For TV and FM broadcasters ‘who insist on perfection’ at the very top end of the market, Cutting Edge introduced the **Omnia-6** with ‘dramatically increased DSP power,’ 96kHz processing with a 24-bit dynamic range, new algorithms and plug-in software architecture for individually shaping a station’s sound. Two models will be available – **Omnia-6fm** with integrated composite and PDD clippers

plus an all digital stereo generator, and the **Omnia-6tv** with a loudness controller and special algorithms to preserve the integrity of surround sound TV audio and PC-card slots to store, retrieve and share custom settings, and for remote control access via modem. Also DAB-ready, the Omnia-6 features an intelligent, full-colour display and is as easy to set up and operate as the rest of the Omnia family.

Incidentally, all Omnia processors are compatible with the **ITU BS412MPX** deviation broadcast standard in Europe, now strictly enforced in Germany, and soon to be in France. Users can download the ITU-412 presets now available in a number of radio formats (including CHR, Rock and Classical – and more to come) from Cutting Edge at [www.omniaaudio.com](http://www.omniaaudio.com).

Cutting Edge also announced that the **Omnia ToolVox** all-in-one digital microphone processor is now shipping. Allowing stations to junk the collection of boxes they may use for microphone processing and get it all in one box. ToolVox comprises Compression,

**The Omnia-3fm all-digital audio processor, which with its top of the range stable-mate Omnia-6, was enthusiastically received at the NAB 2000, say Cutting Edge**

Limiting, parametric EQ, shelf and bandpass filters, TrueVerb reverb from Waves, multi-level phase rotation and a ‘revolutionary new de-esser’ using FFT technology. There is also a high performance mic preamp with 70dB gain and phantom power plus front panel access to up to 100 stored presets. A lot more to this.

Telos Systems report that their two new digital telephony products (mentioned in Product News in the Feb/March 2000 issue), the **TWOx12 Multi-Line Talk Show System** and the **Telos TWO Digital Dual Telephone Hybrid** are now shipping. These products are billed as the first anywhere to give users the flexibility to connect to digital ISDN lines as well as traditional analogue POTS lines.

For more information browse [www.omniaaudio.com](http://www.omniaaudio.com)

**USA – Telos Systems / Cutting Edge,**  
Tel: +1 216 241 7225  
Fax: +1 216 241 4103  
[dorsey@telos-systems.com](mailto:dorsey@telos-systems.com)

**UK – sbs Ltd,**  
(Contact Marcus Bekker)  
Tel: +44 (0)1424 445 588  
Fax: +44 (0)1424 443 388  
[marcus@sbs.uk.com](mailto:marcus@sbs.uk.com)