



OMNIA AUDIO

Omnia ONE: The ONE Processor Everyone Needs



The ONE processor that does it all, now does more. Available in Multicast, FM, AM, and Studio Pro versions, the Omnia ONE meets the challenges of AM, FM, HD Radio™, DAB, DRM, multicasting, podcasting, netcasting, sat-casting and just about any application where signal processing is needed.

The Omnia ONE quickly adapts to your needs by simple software downloads. It can be used in the studio, for transmission and even in networked applications, thanks to its Livewire™ interface. It even has dual software banks allowing you to easily switch between styles.

The Omnia ONE packs an impressive list of standard features into its IRU frame:

- Full remote control via Ethernet port using built-in Web interface.
- Analog XLR balanced inputs and outputs.
- Digital AES/EBU input, output and external Sync input.
- Automatic input fail-over on loss of audio.
- Wideband AGC, 4-Band AGC and 4-Band Limiter sections.
- Time-aligned, dynamically flat crossover.
- Livewire™ / Ethernet RJ45 jack.
- Universal Power Input.
- Built-in stereo headphone jack with front-panel level control.
- Single Jog-Wheel user interface with LED level metering and LCD screen.

Omnia ONE Multicast adds SENSUS™ audio conditioning technology to minimize artifacts as well as restore the fullness and depth that bit-reduction steals. It also features ultra low-distortion final limiting optimized for the HD codec.

Omnia ONE FM features Omnia's advanced, fully distortion-controlled final limiter/clipper

and a newly designed digital stereo generator with SCA convenience input, two composite MPX outputs and 19 kHz pilot output for synchronization to external RDS generators.

Rounding out the **Omnia ONE AM's** processing is Omnia's advanced NRSC-compliant, distortion-managed final limiter/clipper, including selectable Low-Pass Filter frequencies that support AM HD transmission installations ... the same as used in the Omnia ONE's bigger siblings.

The recently introduced **Omnia ONE Studio Pro** fulfills the need of applications that require minimal delay and do not require absolute peak limiting. It is the first studio processor to include



a four-band compressor/limiter allowing you precise and accurately defined individual control while pre-processing music, commercials, remote feeds or sweetening audio. Recording studios, mastering labs, TV stations ... just about any application where signal processing is needed.

Omnia ONE is ready for broadcasting's future. The flexibility of its platform allows it to stay current as signal processing advancements occur. It uses the Livewire™ standard for professional networked audio over Ethernet, connecting directly to Axia IP-Audio networks. When used as part of an Axia network, a single Category 6 cable carries all inputs, outputs and remote control.

Omnia ONE: Everybody Wants ONE!



Omnia Audio

2101 Superior Avenue
Cleveland, OH 44114

Phone: (216) 241-7225
E-mail:

omnia-info@omniaaudio.com
Web: www.omniaaudio.com

SPONSORED SECTION