



**Manufacturer's  
Suggested Retail Pricing**  
Effective 1 April, 2012  
Price list #120401

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**Section 1: Processors for FM Broadcast**

 <p align="center">Omnia.11</p>	<p><b>Omnia.11 FMHD Multi-Band Audio Processor</b> P/N 2001-00279 <span style="float:right"><b>\$14,995.00</b></span></p> <p><b>Omnia.11 FM Multi-Band Audio Processor <span style="color:red">NEW</span></b> P/N 2001-00314 <i>Shipping Q3, 2012</i> <span style="float:right"><b>\$12,995.00</b></span></p> <p>Intelligent wideband AGC, refined dynamically flat &amp; time aligned crossovers, dual-topology multiband AGC/Compressor-Limiters using Chameleon Processing Technology, Density Detector for handling hyper-compressed content, Ultra-LoIMD multiband limiter system with smart gain-reduction technology, Bass-Management system for unprecedented bass power with no nasty side-effects, Ultra LoIMD distortion controlled clipper system reduces IM distortion in this critical stage of the processing, Refined Integrated laboratory-grade stereo generator with dual composite MPX outputs, 19 kHz reference output, SCA input, &gt;80 dB pilot protection and precision MPX LPF to protect RDS/RBDS and SCA signals, ITU-BS-412 MPX limiter, Refined parallel HD processing path (HD version only) with its own final mixer, look-ahead limiter and Sensus™ technology for HD-1, DAB or Internet stream. Analog, AES/EBU digital (with external sync input) and Livewire audio I/O, Front panel 10.5" full-color touch-screen GUI. Full remote control with built-in webpage interface via Ethernet port or on-board Wi-Fi, Headphone jack with soft "patch points" for listening through the processing chain, Diversity-Delay up to 20 seconds with ramp-in and ramp-out ability, fanless cooling design built into a rugged 4 RU chassis.</p>
	<p><b>Omnia.11 FM upgrade to FMHD <span style="color:red">NEW</span></b> P/N 2011-00078 <span style="float:right"><b>\$2,000.00</b></span></p> <p>Adds HD/DAB capability to FM unit.</p>

**Processors for FM Broadcast** *continued*



Omnia.9

**Omnia.9 Multi-Function Audio Processor**

**P/N 2001-00292 Omnia.9 FM+HD**

**\$9,995.00**

**P/N 2001-00293 Omnia.9 FM+3HD**

**\$11,995.00**

Simultaneous separate processing cores for FM and HD-1 and (optional) HD-2 and HD-3. Each processing core is fully adjustable with selectable 2, 3, 4, 5, 6 or 7-band processing. IP stream encoding is built-in for Primary Digital (HD-1) and (optional) HD-2 and HD-3 audio channels. Omnia.9 FM+HD supports single stream processing and multiple encoding, Omnia.9 FM+3HD offers processing and encoding of three IP-audio streams. Supports encoding to MP3 (MPEG-1 Layer 3), MP2 (MPEG-1 Layer 2), AAC, aacPLUS, HE-AAC, Ogg Vorbis, WMA and WMA Pro. Contains exclusive~"Undo" technology, removing distortion from source material. Corrects over-processed CDs, common in contemporary music. Composite Embedder allows 140% audio peaks in stereo at 100% total modulation. On-screen keyboard. RDS encoder, dynamically updatable. Full remote control with direct audio streaming. Selectable SSB (Single Sideband) stereo encoder. HTTP push support for automation, such as dynamic RDS and streaming song titles, preset recall Dayparting (scheduled preset selection). Studio Output with very low latency for talent monitoring. Full remote control. Dual independent power supplies. 3RU.



**Omnia.9 HD Upgrade Kit**

**P/N 2011-00071**

**\$2,495.00**

Upgrade kit converts a standard Omnia.9 to a Premium Processor by adding on-air processing and encoding/streaming capability for HD-2 and HD-3 services.



Omnia ONE FM

**Omnia ONE Audio Processor for FM Now with 5-Band Limiter**

**P/N 2001-00220**

**\$3,495.00**

Single rack space full-featured FM audio processor. 24-Bit processing and converters, Wideband AGC followed by a Four-Band AGC and New Five-Band Limiter. Advanced, fully distortion-controlled final limiter/clipper. Integrated digital stereo generator with advanced peak control. Analog, AES/EBU, and Livewire digital inputs and outputs. Two composite MPX outputs, SCA input and 19kHz output. External Sync input to synchronize output sample rate to external reference. Full remote control via RJ-45 Ethernet port using built-in web interface. Built-in stereo headphone jack with level control. Dual software banks, updateable with a simple software download. 1 RU.

## Section 2: Processors for AM Broadcast



Omnia ONE AM

### Omnia ONE Audio Processor for AM P/N 2001-00219

**\$3,495.00**

Single rack space full-featured mono or stereo AM broadcast audio processor. 24-Bit processing and converters, Wideband AGC followed by a Four-Band AGC and a Four-Band Limiter. Advanced, fully distortion-controlled final Limiter/Clipper. Selectable low-pass filter for maximum legal bandwidth. Adjustable NRSC-compliant pre-emphasis / HF EQ. Adjustable positive peak control. Analog, AES/EBU and Livewire inputs and outputs. External AES/EBU Sync input to synchronize output sample rate to external reference. Full remote control via RJ-45 Ethernet port using built-in web interface. Built-in stereo headphone jack with level control. Dual software banks, updatable with a simple software download. 1RU.

## Section 3: Processors for Streaming Audio



Omnia A/XE

### Omnia A/XE Audio Processing Software for PC P/N 3001-00046

Single License

**\$395.00**

Package of 10 to 24 Licenses\*

**\$360.00 each**

Package of 25 to 49 Licenses\*

**\$300.00 each**

Package of 50 to 99 Licenses\*

**\$245.00 each**

Package of 100+ Licenses\*

**\$215.00 each**

Omnia A/XE combines audio processing with MP3 or AAC encoding in one convenient application. Runs silently as a background service, can be fully managed and configured remotely with a web browser and can process and encode multiple streams in various formats simultaneously. Features a wideband AGC, 3-band compressor / limiter, EQ, low-pass filter and a precision look-ahead final limiter. Encode the processed audio directly to MP3 or AAC streams or feed a remote replication server at the ISP. Virtual Patch Cable allows Omnia A/XE to receive audio, process it, and send it to other software on the same PC. Streams can be "tagged" with "now-playing" information received from automation systems etc. Built-in scheduler for stopping & starting streams or changing processing presets at specific times. Requires Windows XP and later, Minimum 512MB RAM, 20MB free hard-drive space and Network Interface Card.

**\* Pricing is for an individual customer or site only**

**Processors for Streaming Audio** *continued*



Omnia F/XE

**Omnia F/XE Processing Software for PC**

**P/N 3001-00050**

**Single License**

**\$449.00**

**Package of 10 to 24 licenses\***

**\$399.00 each**

**Package of 25 to 49 Licenses\***

**\$349.00 each**

**Package of 50 to 99 Licenses\***

**\$279.00 each**

**Package of 100+ Licenses\***

**\$249.00 each**

Omnia F/XE is designed to process audio files for podcasting, Internet streaming and other applications. It consists of two main components: (1) FileProcessor, and (2) FolderBot. It offers the following features: FileProcessor accepts one or more audio files and batch processes them. FolderBot watches one or more folders and automatically processes the files as they are added to the folder. Both are able to read PCM WAV files, MPEG Layer-2 and MPEG Layer-3 source files. They apply Omnia processing to improve audio levels, loudness and perceived quality. Can encode the output audio using MP3 or AAC (including HE AAC and HE AAC v2), or save linear PCM WAV audio files. Can read metadata from external files and embed the information as ID3 tags in the output files. Automatically sends the output file to an FTP server. Notifies the user by email if problems are detected during processing.

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Omnia.8X

**Omnia.8X Multi-Stream Networked Audio Processor**

**P/N 2001-00304** *(replaces 2001-00206)*

**\$4,995.00**

Multiple audio processors for full-bandwidth studio applications that require minimal-delay throughput and maximum audio quality. Omnia.8X combines eight separate 3-band stereo Omnia processors in a single networked appliance for on-demand processing of multiple HD Radio channels, sat-casting, Internet audio, studio production, podcasting, headphone feeds, etc. Connects to your Axia Network using a single CAT-6 cable for all I/O; pair with an Axia Audio Node for use as a standalone multiple-stream audio processor. Second-generation DSP processing platform is fan-free for cool, silent in-studio deployment and is equipped with dual Gigabit Ethernet ports, dual-redundant internal power supplies with automatic switching for complete peace of mind. Auto-sensing power supplies, 90VAC to 240VAC, 50 Hz to 60 Hz. 100 Watts. Rackmount, 2RU. (Not designed for final AM or FM transmitter processing.)



Engine Power Supply

**DSP Engine Spare Power Supply**

**P/N 1771-00064**

**\$195.00**

Field-replaceable internal power-supply for second-generation Telos Zephyr iPort, Omnia.8X Audio Processor, Axia StudioEngine and Axia Pathfinder Core PRO products. Auto-sensing, 90VAC to 240VAC, 50 Hz to 60 Hz. 100 Watts.

*Fits part numbers 2001-00296, 2001-00304, 2001-00305, 2001-00306.*

**Processors for Streaming Audio** *continued*



*Omnia ONE Multicast*

**Omnia ONE Audio Processor for Multicast**  
**P/N 2001-00218**

**\$3,495.00**

Processing for coded audio streams (including HD radio Streams, netcasting, podcasting, sat-casting, etc.). 24-Bit processing and converters, Wideband AGC followed by a Four-Band AGC, Four-Band Limiter and Ultra low-distortion look-ahead final limiting optimized for the HD codec. Sensus™ codec conditioning technology. Analog, AES/EBU, and Livewire digital inputs and outputs, External Sync input to synchronize output sample rate to external reference. Full remote control via RJ-45 Ethernet port using built-in web interface. Built-in stereo headphone jack with level control. Dual software banks, updateable with a simple software download. 1 RU.

**Section 4: Omnia Specialty Products**



*Omnia ONE Studio Pro*

**Omnia ONE Studio Pro Audio Processor**  
**P/N 2001-00233**

**\$3,495.00**

Single rack space processor for full-bandwidth studio applications that require minimal delay throughput and maximum audio quality. Four Bands of AGC, Four Bands of limiting, New "Bypass" settings for the final look-ahead limiter and Bass EQ sections, Time-aligned, dynamically flat crossovers, Selectable phase rotator, Automatic input failover on loss of audio, Analog, AES/EBU and Livewire inputs and outputs. External AES/EBU Sync input to synchronize output sample rate to external reference. Full remote control via RJ-45 Ethernet port using built-in web interface. Built-in stereo headphone jack with level control. Dual software banks, updateable with a simple software download. 1RU.



*Omnia.sg*

**Omnia.sg Stereo Generator for FM**  
**P/N 2001-00047**

**\$2,395.00**

Standalone all-digital stereo generator for applications where audio processing is performed remotely from transmitter. Also, useful in FM HD Radio installations for generating a clean composite FM signal from the delayed AES output of the HD Radio signal generator. Includes composite clipper & low-pass filter. Digital & analog inputs, dual-composite outputs, SCA loop-throughs. Software upgradeable via RS-232. Remote control capable. 1 RU.

**Omnia.sg with Clock Sync**  
**P/N 2001-00302**

**\$2,795.00**

Same as above except with GPS-based clock synchronization application designed to synchronize two, on-channel transmitters.



**Omnia.sg Factory Upgrade**  
**P/N 2011-00074**

**\$595.00**

Adds GPS clock synchronization application to existing Omnia.sg. Contact Omnia support to make arrangements.