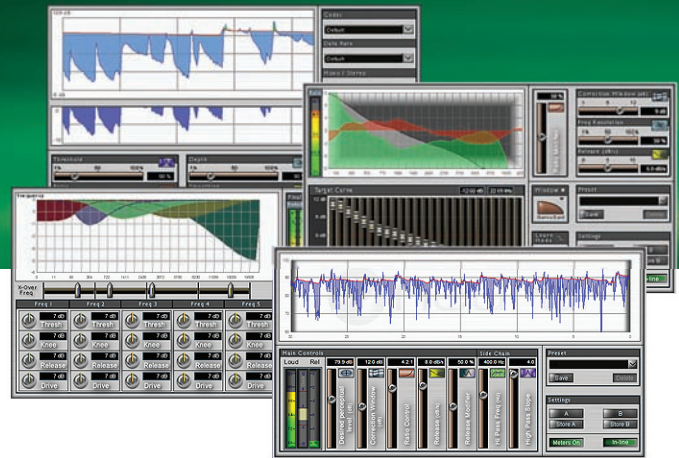


NeuStar[™] SW4.0

Software Version of NeuStar 4.0



NeuStar[™] SW4.0, the newest generation of Neural Coding Pre-Conditioning[™], is the software version of the NeuStar[™] 4.0 codec pre-conditioner. NeuStar SW4.0 is designed to run on any Windows XP/Server 2003 computer, including the HD-Radio Importers, using the same processing algorithms as NeuStar[™] 4.0 in a Windows environment.

Process HD2, HD3 and HD4 Channels

NeuStar SW4.0 runs as a stand-alone Codec Pre-Conditioner/Processor or, in conjunction with traditional broadcast processing, can add the benefits of Codec Pre-Conditioning[™] to any signal path. This software includes the same features found in the hardware version of NeuStar[™] 4.0, but also allows broadcasters to simultaneously process HD2, HD3 and HD4 channels or multiple Internet streams. This unique feature reduces broadcasters' rack space and the need for additional hardware.

N-CLAS Dramatic Reduction of Codec Artifacts

NeuStar SW4.0 also features Neural Coding Load Analysis System (N-CLAS[™]) to dramatically decrease codec artifacts. A breakthrough in codec pre-conditioning, N-CLAS[™] actually predicts and visually displays when and where the coding artifacts caused by difficult content will occur. Then it subtly modifies the content ahead of actual encoding.

This patent-pending audio processing solution is not found in ANY other product. Coupled with Codec-Friendly[™] audio processing, N-CLAS[™] creates the perfect processing solution for low-bit rate audio applications. It allows broadcasters to maximize their codec performance while maintaining a "signature sound," making it the ideal tool for *HD-Radio Multicast, Internet Streams, ISDN/POTS remotes, Satellite Syndication, STL protection, DAB, DRM, Podcasts, etc.*

Features / Benefits

- The latest Neural[™] Coding Pre-Conditioning algorithms featuring N-CLAS (Codec performance improvements are immediately audible)
- Codec-Friendly volume & spectral management tools not found in any other audio processor
- HD-Radio Codec specific feature set.
- 100% software based for flexibility
- Virtual Audio Cabling allows insertion between any Windows audio application using any Windows sound card.
- User-friendly Windows interface.
- Updates to legacy features found in NeuStar 1.0 and UltraLink.
- User presets defined by both public and commercial radio broadcasters create an extremely fast setup.
- Fully upgradeable architecture for future software additions.
- NeuStar 4.0 is designed to run as a stand-alone Codec Pre-Conditioner/Processor or in conjunction with traditional broadcast processing to add the benefits of Codec Pre-Conditioning[™] to any signal path.

System Requirements

- Intel® Pentium® III or 4 or Intel Centrino™ (or other SSE-enabled) processor (Pentium 4 or other SSE2-enabled processor required for video)
- Microsoft® Windows® XP Professional, Server 2003, or Home Edition with Service Pack 2
- 512MB of RAM (1GB recommended)
- 200MB of available hard-disk space
- 1024x768 display (1280x1024 recommended)
- Sound card with DirectSound or ASIO drivers
- USB port for dongle licensing
- CD-ROM drive
- Speakers or headphones recommended
- Internet or phone connection required for product activation and Internet-related services

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