PLUG-INS FOR PRO TOOLS

Bringing out the Pro in your Tools

TC Electronic is providing ProTools|HD users with the best tools in the business. From the renowned Master X3 to a host of algorithms ported from the legendary System 6000 that has truly revolutionized the pro audio market with unsurpassed reverbs and mastering tools. Be it the DVR2 Digital Vintage Reverb, VSS3 Stereo Source Reverb, NonLin2 Stereo Effects Reverb or the MD3 Stereo Mastering - all have become TDM must-haves from our convenient package of DAW solutions, leaving System 6000 plenty of leeway for other tasks.

The well-known and intuitive UI from System 6000 has been preserved in all System 6000 ports securing maximum ease of use. A built-in preset converter makes it a breeze to import System 6000 presets directly to your ProTools|HD setup.

New plug-ins are constantly being added to our versatile array of plug-ins for the ProTools|HD platform. Latest additions are UnWrap – a mastering and film up-converter algorithm off System 6000 - and Harmony4 from TC-Helicon featuring the latest-generation vocal harmony technology with pitch detection and Hybrid Shifting algorithms.

UNWRAP™ STEREO TO 5.1

This full version mastering and film up-converter algorithm offers a high level of sophistication with unprecedented control and resolution. An abundance of parameters facilitates the conversion of stereo and LtRt sources to 5.1 while remaining faithful to the original mix's width, timbre, spaciousness and other significant factors.
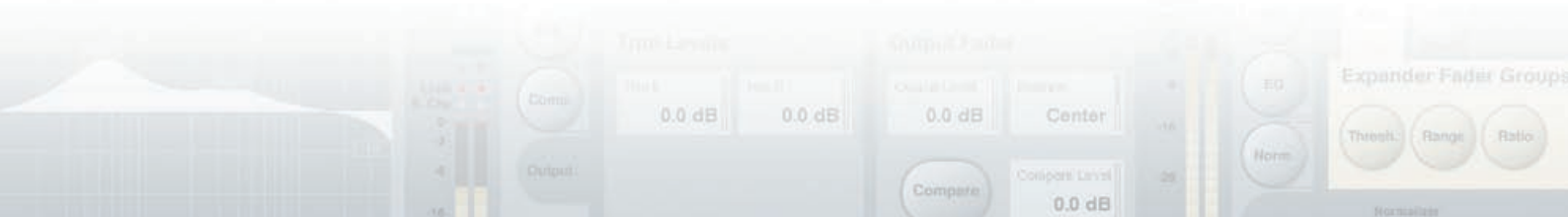
With its wealth of controls, UnWrap™ is a benchmark in film and music production. Whether you lack time to do a conventional 5.1 mix or a multitrack source simply doesn't exist – UnWrap™ facilitates smooth and fast stereo to 5.1 up-conversion.

Once processed, the 5.1 output can be subsequently down-mixed to stereo again with no sonic penalties. Take a preset tour to spark your creativity, or start a new up-mix from scratch. Processing is double precision, capable of running at any sample rate between 48 and 96 kHz – both are included.

UnWrap™ includes customized up-conversion presets for film production and music mastering and comes with settings to complement it all. Add to the default presets the ability to time-align all channels at sample precision, widen or narrow the image, control the amount of Center and LFE channel to be used, change filters and envelopes, and you begin to get an idea of the power of this plug-in.

Features

• Transparent up-conversion from stereo to 5.1, and from LtRt to 5.1
• World's primary high-resolution up-conversion algorithm
• Precision aligned outputs for subsequent down-mix
• EQ and contour styles for center and surround channels optimization and control
• Additive, perfect down-mix and PONR presets included

VSS3 STEREO SOURCE REVERB

VSS3 is the reverb that finally brought the effect out of the 1980s. The algorithm was researched and fine-tuned by TC engineers over a period of several years, and represents a true technology breakthrough. With its great sound, new possibilities and wide editing range, VSS3 has become an industry standard in demanding production, and can be heard on thousands of albums and films.

In this version, the algorithm takes Pro Tools|HD hardware to the limit to gain unprecedented control over image depth, localization and spatialization. Similar to the chaotic response of a natural room, the VSS3 is not causal, and you will soon appreciate the authentic feel it adds to a mix. When you become an addict, use several instances of VSS3 to create truly stunning sound images by taking advantage of source based processing on individual instruments and voices.

Perfect imaging for your audio sources, perfect integration with Pro Tools.

192 kHz

Features

- Source based design for more character and better localization
- Chaotic response like a real room
- Extremely wide editing range and "story telling capability"
- Many hundred industry standard presets available
- Fully mono compatible: A mix doesn't become dry in mono
- Piano-correctness. Modulation is not necessary
- Extremely wide dynamic range
- Focus Fields for easy preset tweaking and navigation
- Built-in preset converter – import VSS3 presets from System 6000
- Dedicated presets available for music, film and post

DVR2 DIGITAL VINTAGE REVERB

The DVR2 Digital Vintage Reverb is a great professional reverb for the Pro Tools platform ported from the revered System 6000.

DVR2 is a pristine legacy reverb with a true and genuine vintage flavor. It is extremely well-suited for mixes where the reverb itself cries out to be a part of the mix. A lot of effort has been put into fine-tuning the DVR2 to recreate the most shining classic reverb of all time, the EMT250. During the process we have ensured that qualities of the original processor such as sweet modulation, spectral balance, spaciousness and saturation, have been preserved. But not only is DVR2 the most precise EMT250 emulation up to now, it also emulates its predecessor in the way parameters interact for different settings. Using the Vintage Reset function, your sound will be close to a well preserved EMT250. This 250 can be put into overdrive by enabling Hi-Res parameters, you can lower the noise, extend the bandwidth, and exaggerate or back off the amount of chorusing.
DVR2 comes with customizable presets, and focus fields for tweaking and navigation.

96 kHz

Features

- A true System 6000 reverb for your DAW – it's the real thing
- The most precise EMT250 emulation. With the Vintage Reset function you can even emulate its artifacts
- Parameter interaction and editing range are emulated from the EMT250
- High resolution parameters with lowered noise floor
- Focus Fields for easy preset tweaking and navigation
- Built-in preset converter – seamlessly import DVR2 presets from System 6000

MD3 STEREO MASTERING

The MD3 Stereo Mastering package for Pro Tools includes two algorithms, MD3 Multiband Dynamics and BrickWall Limiter, and allows the Pro Tools user to take advantage of multiband processing and precision limiting at its best. For stereo and single sources, this package brings professional production and mastering possibilities to the realm of DAWs, and integrates smoothly with serious music and film editing applications.

MD3 MULTIBAND DYNAMICS

MD3 is a high-end mastering tool that offers dual mono and stereo dynamics processing in three frequency bands. By offering a true side-chain split structure, MD3 is also capable of demanding mono material compression/limiting on two separate channels, not found in other multi-band dynamics processors. In fact, M and S components of a stereo signal can be processed separately and provide even more control making full use of the Spectral Stereo Enhancer.

Features

• Three band Expander and Compressor
• Limiter and Soft Clip functions
• Use on Dual Mono sources or Stereo signals
• Four band Parametric EQ
• MS mode for advanced image controlling
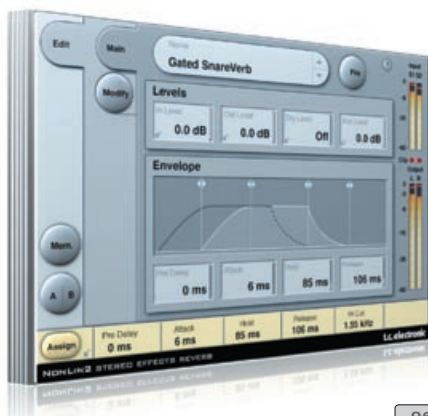• 48 bit, fixed point, hi-res processing

BRICKWALL LIMITER

BrickWall Limiter is a stereo/dual mono limiter with new features and technology. Today, clipping and maximizing in production and mastering are being exploited to an extent where most rock and pop releases generate early listening fatigue. Distortion is generated in CD players and data reduction codecs because of mediocre processing and level control. The BrickWall Limiter is designed to adapt to the signal, investigate if the signal will create downstream distortion problems - and to remove this hazard if so decided.

Features

• Low distortion, precision Limiter
• Detects if signal is contaminated with OdBFS+ peaks
• Prevents downstream distortion from being generated
• 3 times up-sampled processing
• 48 bit, fixed point, hi-res processing

NONLIN2 STEREO EFFECTS REVERB

The NonLin2 Stereo Effects Reverb for Pro Tools is another world class reverb directly ported from the System 6000. NonLin2 is an effect reverb, which differs from the traditional natural sounding TC reverbs. NonLin2 is capable of generating compact vocal ambience, percussive and dramatic drum sounds, reverse reverbs and completely new "twisted" effects. Featuring an amplitude envelope that is capable of rendering an untriggered gated reverb and a 'twist' parameter, which can radically alter the sound, this plug-in delivers a serious advantage over other gated reverbs.

Features

• A true System 6000 reverb for your DAW. A 1:1 port of the algorithm,
  no emulation, no sampling – the real thing
• Envelope – Great flexibility, delivers gated reverbs without a trigger
• Reverb with a 'twist' – the 'twist' feature adds unique creative possibilities
• Presets – NonLin2 comes with fully customizable presets
• Focus Fields for easy preset tweaking and navigation
• Built-in preset converter – seamlessly import NonLin2 presets
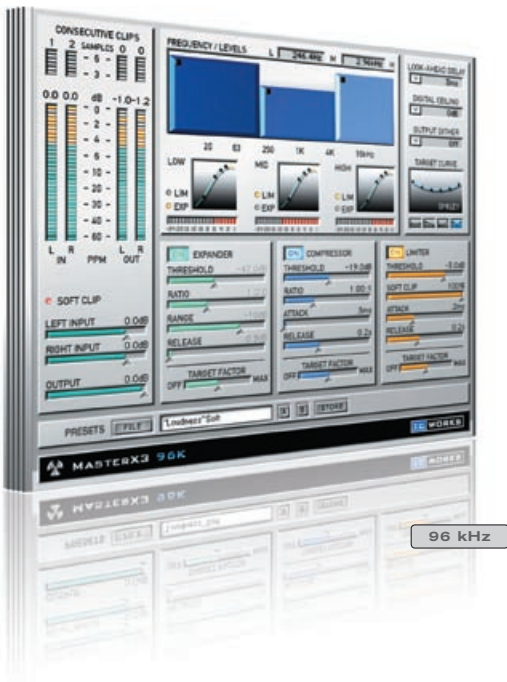 from System 6000

HARMONY4 – virtual voices, real results

With Harmony4 you can create convincing virtual harmony tracks from a single vocal, produce rich vocal harmony and memorable special effects, and have individual voice control of e.g. humanization features. Harmony voices can sound like clones of the lead singer or even like 4 different singers. Harmony4 is built upon the latest generation of harmony technology and the sonic difference lies in TC-Helicon's research and implementation of humanization features, the accuracy and speed of the patent-pending pitch detection and other great algorithms you'll discover when you use Harmony4 on your next song.

Features

- Creates convincing virtual harmony tracks from a single vocal
- Latest generation harmony technology with robust input pitch detection and smooth harmony sound
- Produces rich vocal harmony and memorable special effects
- Individual voice control of humanization features and more
- Harmony voices can sound like clones of the lead singer or 4 different singers

96 kHz

MASTER X3

MASTER X3 for Pro Tools is the virtual incarnation of the TC Electronic Finalizer™. It expedites the mastering process by integrating several phases of mastering into a single, easy to use interface. It features multiband processing with expansion, compression and limiting separately for each band. High quality uncorrelated dithering is included as well. The intuitive user interface features many new ideas to make the critical mastering process faster and easier. The overall processing characteristics are controlled via "Target Curves" that simplify the handling by providing a global processing style for all bands in all modules. The interaction between the bands can be fine tuned by applying "Target Factors" which determine the frequency focus of each processing module, significantly reducing the number of required user parameters to set this complex process up. "Soft Clipping" even provides "analog" sound whenever desired.

Features

- 3-Band processing with adjustable crossovers
- Expander, Compressor and Limiter
- Dithering (uncorrelated)
- Consecutive Clippings counter

96 kHz

SYSTEM REQUIREMENTS

MAC OS X
- Mac OS X (10.4 or higher)
- Pro Tools TDM Software, version 7 or higher
- Pro Tools|HD or Pro Tools|HD Accel hardware
- iLok USB key
- System must meet Digidesign's requirements for Pro Tools|HD systems

WINDOWS
- Windows XP
- Pro Tools TDM Software, version 6.9 or higher
- Pro Tools|HD or Pro Tools|HD Accel hardware
- iLok USB key
- System must meet Digidesign's requirements for Pro Tools|HD systems

TC Support Interactive

The TC Support Interactive web site (www.tcsupport.tc) is designed as an online support and information center. Under the section "My Stuff" you can Login to check the status of your questions, download file attachments and a lot more. Furthermore, you can download TC manuals, software updates and presets. This site has been specifically designed for the users of TC products. We constantly update the database and you will find the site to be a huge resource of information. Browse through Q&A's and discover new aspects of your TC product. If you can't find an answer online, you have the option of submitting a question to our technical support staff who will reply to you by e-mail. The TC Support Team is on constant alert to help you in any way they can.

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ULTIMATE SOUND MACHINES