

Trillium Lane Labs Plug-ins

Innovative Software for Digidesign Pro Tools Systems

The Digidesign® collection of Trillium Lane Labs® plug-ins offers an impressive selection of innovative effects and essential workflow tools created exclusively for the Digidesign Pro Tools® platform. Whether you want to create a realistic acoustic environment for a post production project, add vintage-sounding compression to a music production, or quickly replace uninspired drum tones, Trillium Lane Labs plug-ins deliver straight-forward, efficient solutions. You'll also find plug-ins for tuning, adding analog-style phasing, creating a versatile click, building rhythmic, musical panning effects across a surround field, and modeling over-sampling that can occur in consumer CD players.

Features

- 18-stage analog modeled phaser
- Flexible LFO modulation with waveform, sync, and trigger options
- Support for linking LFO speed to Pro Tools session tempo
- Envelope modulation from input or side-chain input
- Output and phase modulation metering
- Support for 5.1 surround operation*
- More than 120 presets in eight categories
- Support for Pro Tools sessions up to 192 kHz*
- MultiShell support for DSP sharing (TDM version)
- Includes RTAS and TDM formats

TL EveryPhase

TL EveryPhase™ delivers classic analog phaser effects, ranging from subtle modulation and tremolo to the most extreme filtered feedback. With complete analog phaser models up to 18 stages, TL EveryPhase combines the timeless sound of outboard phaser units with the latest plug-in power to instantly provide rich phaser effects directly within any Pro Tools session.

TL EveryPhase makes it simple to find the right tone with more than 120 presets in eight categories. Choose a mild sweep on drums, a "sleepy" patch on strings, an intense phase effect on a psychedelic lead, or the "Bermuda Triangle" preset on guitar.

Tweak the presets to your heart's desire: Alter the depth of the effect or change the number of phaser stages from 2 to 18 to quickly



modify the character of the sound. Move the Resonance slider to generate feedback from a different stage. Choose an alternate LFO waveform or adjust the modulation rate, synchronizing it to the current Pro Tools session tempo. TL EveryPhase also lets you change the source of modulation from the LFO to the envelope of an input audio signal or side-chain input. When you've dialed in the perfect sound, you can save your new creation for instant recall.

Features

TL Space Native Edition

- Pristine convolution reverb with sampled acoustics and advanced algorithms
- Vast library of reverb and effect impulses
- User-friendly impulse browser for quick and easy auditioning
- Support for common impulse formats
- Fully featured reverb engine for mono and stereo formats
- Support for Pro Tools sessions up to 96 kHz
- Snapshot automation designed specifically for post production
- Includes RTAS and AudioSuite formats

TL Space TDM Edition

- Pristine convolution reverb with sampled acoustics and advanced algorithms
- Vast library of reverb and effect impulses
- User-friendly impulse browser for quick and easy auditioning
- Support for common impulse formats
- Fully featured reverb engine for mono, stereo, and surround* formats
- Support for Pro Tools sessions up to 96 kHz
- Snapshot automation designed specifically for post production
- Includes RTAS and AudioSuite formats
- Optimized for Pro Tools|HD Accel systems
- Zero latency with Pro Tools|HD systems
- Includes TDM, RTAS, and AudioSuite formats

TL Space

From dense plate reverbs and springs to chambers, rooms, and large concert halls, the TL Space™ convolution reverb (available in Native and TDM Editions) delivers the pristine sound of real reverberant spaces with the familiar controls used in high-end hardware reverb units. By combining sampled acoustics and advanced algorithms, TL Space provides stunning realism with full control of reverb parameters in mono, stereo, and surround formats,* all from within your Pro Tools environment.

Choose from a vast library of included real and synthetic reverb spaces and effects or add your own impulse responses easily. TL Space supports an open .WAV file format for impulse files, so you can access a large and growing online library of impulses.

TL Space also provides a full range of parameter controls to give you precise command over reverb spaces. Adjust independent wet/dry and decay levels; early and late reverb levels and lengths; early size, low cut, and balance; predelay and late delay; waveform reverse controls; and more. All controls are easy to use so you can change settings quickly.

Extensive Surround and Post Capabilities

TL Space offers a range of features geared specifically for surround* and post production projects. With available impulse responses for cars, corridors, bathrooms, bedrooms, forests, and more, TL Space provides a fast and easy way to create acoustic spaces for film and video. Snapshot automation capabilities allow post production pros to change between predefined



reverb scenes rapidly. TL Space also includes full on-screen input and output surround metering at all times; separate front, center, and rear levels; and independent front and rear decay.

TL Space TDM Edition: Optimized for Pro Tools|HD Systems

TL Space TDM Edition is the first TDM convolution reverb for Pro Tools systems, capitalizing on the full power of Pro Tools|HD systems to help erase the difference between high-end hardware and software processing. TL Space TDM Edition uses up to eight DSP engines in parallel to deliver smooth processing while avoiding the typically heavy CPU strain of convolution reverbs. The processing power of multiple HD Accel DSP engines allows TL Space TDM Edition to offer its immaculate sound with zero latency.

Features

- Analog modeled FET compressor
- Feedback topology with program-dependent release
- Optional low-frequency compensation
- Linked stereo operation
- Tube drive module
- Input, gain reduction, and output metering
- Support for Pro Tools sessions up to 192 kHz*
- MultiShell support for DSP sharing (TDM version)
- Includes RTAS and TDM formats

TL Aggro

TL Aggro™ brings the personality of vintage analog FET compression to the Pro Tools environment. At moderate settings, TL Aggro delivers smooth and transparent dynamics processing, perfect for vocals and acoustic instruments. When it's cranked, TL Aggro takes on aggressive sound, instantly adding character and intensity to guitars and drum tracks.

TL Aggro's unique feedback topology offers a program-dependent release time for more natural compression characteristics. Additional features help solidify its analog character: A tube drive module lets you add tube-style distortion for the right amount of analog fuzz, and a bass compensation section allows you to add that bass warmth back in for full mixes. All controls are easily accessible from the authentic vintage interface, which also features input, gain reduction, and output metering.



Complementing its analog look, feel, and sound, TL Aggro adds some important modern digital conveniences, including linked stereo operation (for preserving stereo imaging) and full side-chain support.

TL Drum Rehab

Whether you need to energize a feeble snare track, replace a kick drum that sounds more like a cardboard box, or simply exchange one tom sound for another, get those tracks to drum rehab. TL Drum Rehab™ is a plug-in that offers a comprehensive set of tools to enhance or replace original drum recordings precisely, automatically, and in real time. TL Drum Rehab's state-of-the-art interface provides a wide choice of processing options to help you create the flawless masterpiece you're envisioning from that less-than-perfect percussion track.

Automatic, Real-Time Results

TL Drum Rehab can spare you the tedious work of replacing individual drum hits by giving you tools to automatically transform your drum tracks. Simply set TL Drum Rehab to listen to the track you've targeted and hit play. TL Drum Rehab will automatically add trigger points and calculate velocity levels for each hit. Of course, you can always move or delete trigger points to fine-tune the replacement.

Select and load up to 16 different replacement samples for each track and assign the samples to different velocity zones on the velocity map. TL Drum Rehab makes it easy to assign velocities and set crossfades between them. Send the audio from TL Drum Rehab to your master output or bus the audio to a new track.

TL Drum Rehab is sync'd to the Pro Tools session, so you can hear your revitalized track in real time, as the session plays back, with sample-accurate precision. Mix the new sounds



with the original tracks or completely replace the initial recording. Adjusting the balance is easy with the Input control.

Ultimate Control

TL Drum Rehab can also take you far beyond automatic drum replacement by offering advanced options for ultimate control of the final drum track. Adjust the Duck control to set the amount of gain reduction that will be applied to the input audio when a drum sound is triggered. Use the Position control to add realism by incorporating two sticking positions: Drum Rehab can switch between a snare hit in the center and one hit off-center. Select free or choked voicing for different types of drums. Adjust the attack, sustain, and EQ for shaping replacement drum samples.

Easy Access to Sounds

TL Drum Rehab ships with an extensive drum sample library, and you can also add your own samples easily. Using the same powerful sample browser and converter interface integrated into TL Space, TL Drum Rehab lets you locate and load new samples quickly and then save popular samples to an editable list of favorites for fast recall.

TL AutoPan

TL AutoPan brings Pro Tools stereo and surround effects processing into the twenty-first century with an array of panning effects based on classic analog panning units. Borrowing the flexible tempo synchronization, trigger, and envelope detection features from TL EveryPhase, TL AutoPan offers rhythmic, musical panning effects ranging from the subtle to the extreme. TL AutoPan includes graphic metering of output and pan position for precise control of panning effects.

Whether you need swirling guitars, a subtle vocal sweep, or extreme stereo and surround manipulation, TL AutoPan delivers a new dimension in panning effects for Pro Tools systems.



Features

- Automatic, sample-accurate, and real-time replacement of drum sounds
- Editable sample-accurate trigger locations
- Dynamic multi-sample support for up to 16 levels
- Envelope and tone shaping
- Powerful sample browser and converter
- Undo capabilities
- RTAS format

Features

- Stereo and surround panning
- Flexible LFO modulation with waveform, session tempo, and trigger options
- Envelope modulation from input or side-chain input
- Output and pan modulation metering
- RTAS format

TL Utilities

TL Utilities is a must-have plug-in bundle that includes three essential additions to any Pro Tools plug-in collection: the TL Metro™, TL InTune™, and TL MasterMeter™ plug-ins.



TL Metro

TL Metro is a versatile RTAS-format metronome that eliminates the time-consuming work of manually creating a click track. Simply select TL Metro from your plug-in menu, and you've got a full-featured metronome and beat generator available directly from within your Pro Tools session.

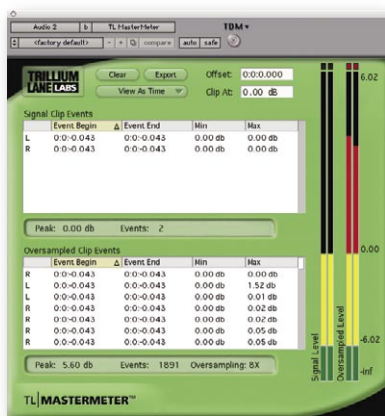
Select from a range of preset metronome sounds or import your own samples with individual volume levels. Adjust the number of beats in each measure and set the controls for accented notes; quarter, eighth, and sixteenth notes; and triplets. With TL Metro, you can tap in the tempo or dial in a specific setting from 40 to 250 bpm and then fine-tune the resolution to 1/100th of a beat. Output audio to an audio track or let it play along live with your Pro Tools session—TL Metro is linkable to the Pro Tools session transport.



TL InTune

TL InTune gives you a professional TDM-format tuner with the performance of a rack-mounted unit and the convenience of a Pro Tools plug-in. Whether you're a novice or experienced musician, TL InTune's easy-to-use interface lets you tune a wide range of musical instruments rapidly and accurately, all within the Pro Tools environment.

Built with powerful DSP tuning algorithms, TL InTune gives you an accurate, easy way to tune instruments. Choose from a full selection of reference tones and set them to any reference frequency between 410 and 480 Hz. TL InTune also offers a wide range of presets for different tuning types, including more than 30 presets for guitars, basses, banjos, mandolins, and ukuleles. You can also create your own tuning type. TL InTune offers visual and audible tuning, and needle and strobe meter options, so you can use the type of feedback you're used to.



TL MasterMeter

Designed for critical mixing and mastering applications, the TL MasterMeter TDM plug-in is the first over-sampling meter for Pro Tools. While inter-sample peaks that exceed 0 dB might play without distortion in a studio environment, the same mix can distort when played on a consumer CD player. TL MasterMeter uses the DSP power of Pro Tools systems to allow engineers to model potential inter-sample peaks and ultimately avoid problems.

By over-sampling the final audio mix in the same way as a CD-player's converters, TL MasterMeter lets engineers identify peaks that might occur on playback. TL MasterMeter offers 2x, 4x, and 8x over-sampling DSP models and displays both regular and inter-sample peaks. Regular and inter-sample peaks can be compared quickly to help produce a more accurate mix with less distortion when played by a user. TL MasterMeter also provides a sample-accurate historical peak list (which can be exported to the clipboard).

Features

TL Metro—An easy, versatile metronome for Pro Tools sessions

- Linkable to the Pro Tools transport
- Tempos from 40 to 250 bpm, adjustable to 1/100th of a beat resolution
- Tap tempo function
- Adjustable number of beats per measure
- Visual indication of accent and regular beats
- Controls for accented notes; quarter, eighth, and sixteenth notes; as well as triplets
- User-customizable samples with individual volume levels
- RTAS format

TL InTune—A flexible digital tuner with the convenience of a plug-in

- Easy-to-use GUI
 - Visual and audible tuning
 - Needle and strobe meter options
 - Accurate and rapid DSP-powered tuning algorithms
 - Adjustable reference frequency from 410 to 480 Hz
 - Selection of reference tones
 - Wide range of presets for different tuning types
 - User creation of custom tuning presets
 - Includes RTAS and TDM formats
- TL MasterMeter**—The first over-sampling meter for Pro Tools
- Displays both regular and inter-sample peaks
 - 2x, 4x, and 8x over-sampling DSP models
 - Sample-accurate historical peak list, which can be exported to the clipboard
 - Time code displayed in either samples or minutes and seconds
 - Programmable time code offset
 - Support for Pro Tools sessions at up to 192 kHz
 - Includes RTAS and TDM formats

**Feature available only with Pro Tools|HD systems*

TL Plug-ins System Requirements

- All Trillium Lane Labs products require an iLok USB Smart Key (sold separately), Internet access, and a free ilok.com account

For the latest Digidesign product information and system requirements, and the latest Digidesign Development Partners™ plug-in and software compatibility information, visit www.digidesign.com.



DIGIDESIGN
2001 Junipero Serra Boulevard
Daly City, CA 94014-3886 USA
Tel: 650.731.6300
Fax: 650.731.6399

TECHNICAL SUPPORT (USA)
Tel: 650.731.6100
Fax: 650.731.6384

PRODUCT INFORMATION (USA)
Tel: 800.333.2137

INTERNATIONAL OFFICES
Visit the Digidesign website for contact information

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