PRO TOOLS|LE
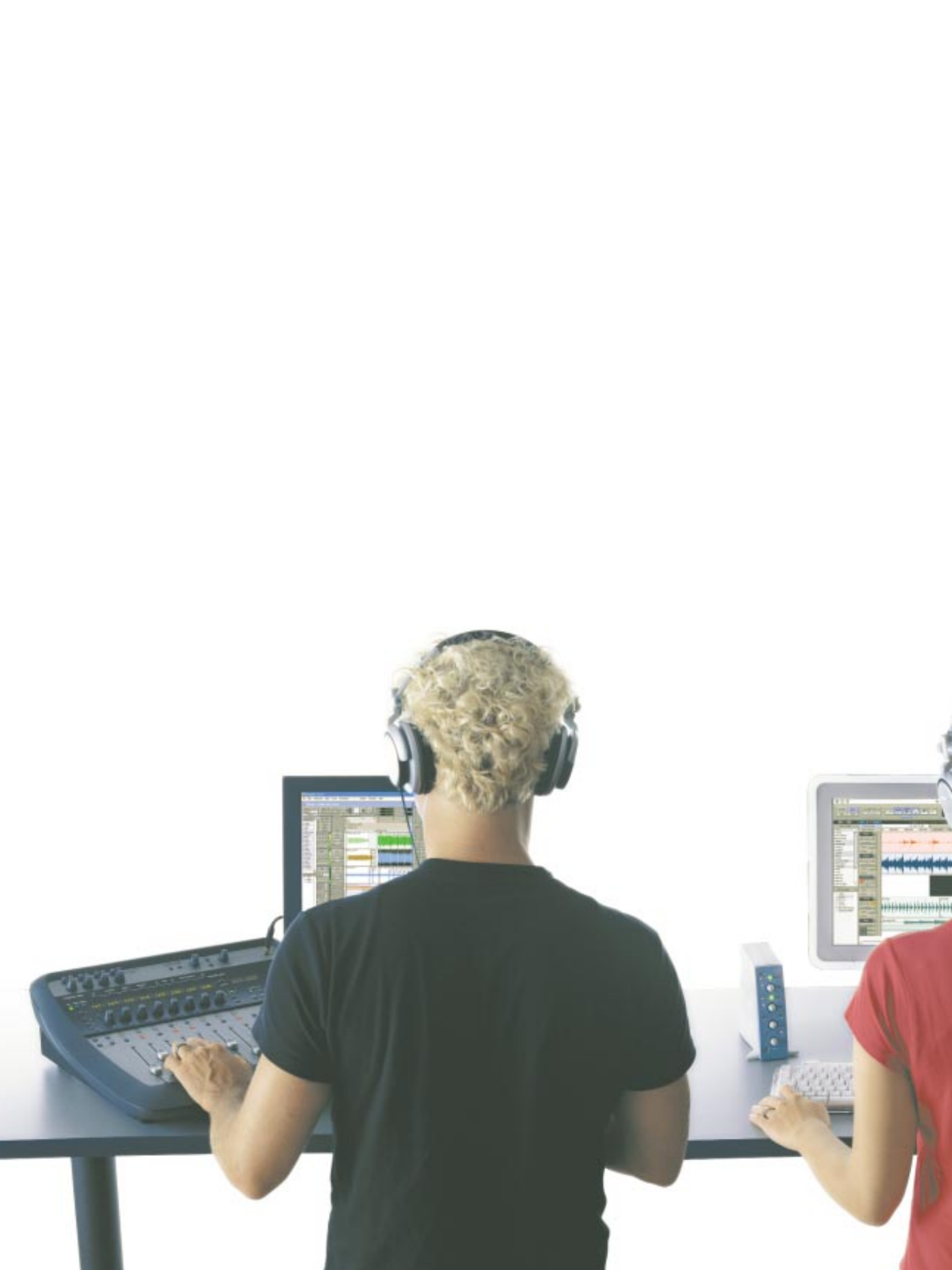
for Home / Project Studios

PRO TOOLS | LE

Regardless of the size of your budget or the depth of your experience, Pro Tools LE® places the power of creation comfortably in your hands. Taking advantage of the same innovation and flexibility utilized by audio professionals worldwide, the Pro Tools LE family — Mbox,™ Digi 002 Rack,™ and Digi 002™— enables you to take your projects to the next level.

At the core of Mbox, Digi 002 Rack, and Digi 002 systems is Pro Tools LE software, enabling you to enjoy the creative process by giving you the power and flexibility to realize your ideas. With Pro Tools LE software, everything you need to compose, record, edit, mix, master, and deliver audio and MIDI compositions is literally at your fingertips.

Effortless Recording

Because of its versatile nature, Pro Tools LE adapts to the way you work while simultaneously offering you plenty of room to roam. At your immediate disposal are up to 128 virtual tracks of digital audio and up to 256 tracks of MIDI data. You simply patch your sound sources into your Digidesign I/O unit, record-enable tracks with a click, and start inventing. Your sound quality is never compromised and your only space limitation is the size of your hard drive.

Intuitive Editing

Pro Tools LE provides powerful editing functionality designed to enable you to easily fuse your imagination with professional results. Within one simple window, you can quickly manipulate audio waveforms and MIDI data with sample-resolution accuracy. Your audio source files remain unscathed unless you choose otherwise; by default, Pro Tools LE edits nondestructively and always retains a backup of your original material.

Far beyond the ability to cut, copy, and paste audio and MIDI information, Pro Tools LE includes a comprehensive set of editing tools and features that allow you to easily organize, hear, view, and execute your ideas.

Integrated MIDI Sequencing

Recording, editing, and mixing MIDI data in Pro Tools LE is as easy as working with audio material. MIDI events can be created, viewed and edited alongside audio waveforms at sample-level resolution without having to shuffle through multiple windows. Also, a variety of high-quality software-based synths and samplers can be utilized as readily as outboard gear, providing you with virtually endless sound source possibilities.

Session Portability and Interchange

When you work with Pro Tools, you can take your work just about anywhere. With support for multiple audio file formats and cross-platform session compatibility, you can move your projects to and from

Pro Tools|LE

other Pro Tools systems without missing a beat. Pro Tools LE sessions can be opened on professional Pro Tools TDM systems, and vice versa, with all your settings retained.* If you decide to move up to a professional Pro Tools TDM system, your work on a Pro Tools LE system both prepares and follows you. To make the transition as smooth and complete as possible, Digidesign offers upgrade exchanges and a range of professional alternatives from which you can choose.

Powerful Mixing

The Pro Tools LE software interface includes a complete, customizable mixer. Adding tracks, reconfiguring, and routing inputs and outputs to any destination, and copying and moving inserts, can be easily accomplished at any stage in the mixing process. You can also take advantage of a variety of included templates to create your sessions, or use the flexible signal routing architecture to build custom mixer setups of your own. ReWire support gives you additional creative options, enabling you to stream output from popular ReWire-compatible applications directly into your Pro Tools sessions.

The automation in Pro Tools is unparalleled in the industry. Since everything in the Pro Tools mixing environment is automatable, you benefit from full dynamic control and complete recall of all volume, mute and panning for track, send and plug-in parameters. All automation data can be graphically edited against the audio waveform or MIDI note display, so you can see exactly where and when to place your moves.
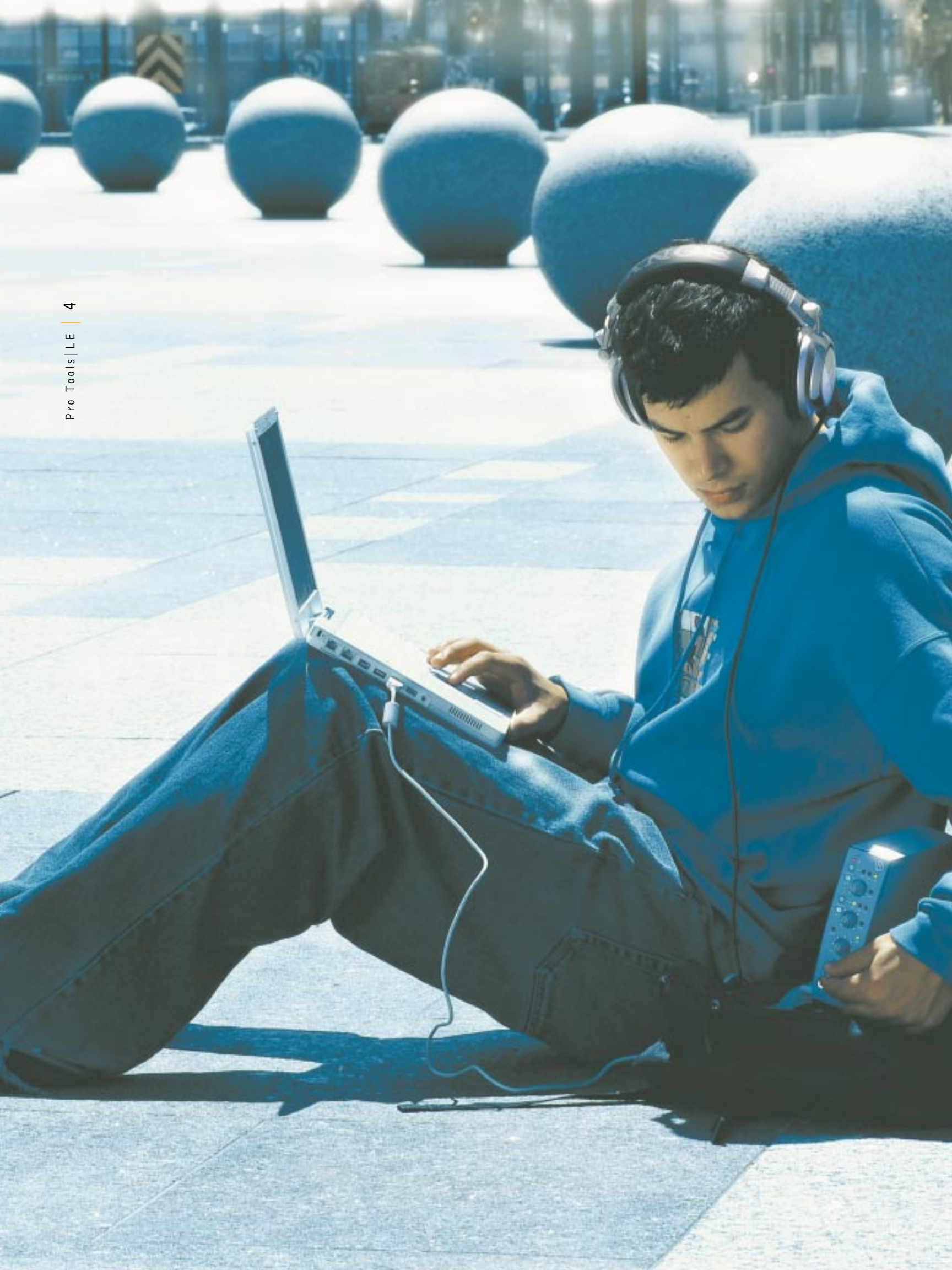

* Pro Tools TDM-specific session
   data and functionality are disabled
   when opened as a Pro Tools LE
   session.

PRO TOOLS LE FEATURES

- 32 tracks of 16- or 24-bit audio; 128 virtual tracks
- Sample rate support: 44.1, 48 kHz with Mbox; up to 96 kHz with Digi 002 Rack and Digi 002
- 256 MIDI tracks
- Non-destructive, sample-accurate editing of audio and MIDI
- Powerful, real-time mixing and effects
- AutoSave session capabilities
- Integrated import and export support for AIFF, WAV, Sound Designer II™ (SD II), MP3 and RealAudio G2 file formats**
- Mono and stereo tracks
- DigiBase file management
- ReWire support
- DV Toolkit™ support
- DigiTranslator™ support
- Multiple levels of Undo

** MP3 Option required for MP3 and
   RealAudio file format support

Go where you like

to do what you do.

Just like your

imagination, Mbox

is built to travel

without limits.

Portable Pro Tools Micro Studio

Mbox, the most affordable Pro Tools LE solution, gives you the opportunity to utilize Pro Tools literally anywhere. Entirely USB-powered and featuring Focusrite mic preamps, it offers all of the power of Pro Tools in a package compact enough to fit in a backpack. Simply connect Mbox to your laptop or desktop computer with a single USB cable and you're ready to go.

With its simple, robust hardware interface, Mbox is an unobtrusive but reliable tool for capturing inspiration on the fly. Track in a hotel room, edit in a park, mix in your kitchen. Throughout the creative journey, your sound remains the first priority.

MBOX FEATURES

- Two balanced XLR/1/4" combo analog inputs
- Two balanced, 1/4" analog outputs
- Focusrite mic preamps
- Two analog TRS inserts
- 24-bit signal path from input to output
- 100% USB-powered
- Stereo S/PDIF digital I/O (RCA)
- Near zero-latency monitoring
- 48V phantom power
- Headphone outputs (1/8" or 1/4") with dedicated volume control
- Mic, line and instrument source selector
- Input peak indicators
- S/PDIF and USB activity indicators
- Mono summing
- Includes the latest Pro Tools LE software

SYSTEM REQUIREMENTS

Digidesign-approved PC or Mac with one available USB port; at least 256 MB RAM recommended. For details, visit www.digidesign.com/compato.

Take advantage of Mbox's mobility to catch and develop ideas on the fly. Whether you're hunting field recordings or brainstorming in a café, the small presence of Mbox makes big results a reality.

Your ideas deserve

a professional edge.

Digi 002 Rack delivers,

providing a new level

of affordable Pro Tools

power.

FireWire-based Pro Tools Mini Studio

Digi 002 Rack offers the convenience of FireWire and a 2U chassis in a comprehensive studio-in-a-box. Capture a full band, a singer/songwriter setup, a table full of beat boxes and MIDI gear, or a DJ's coffin — Digi 002 Rack's eighteen channels of simultaneous analog and digital I/O and its 24-bit/96 kHz sound quality ensure easy success. Then use the latest Pro Tools LE software to edit and mix your material into exactly what you want it to be — or maybe even something unexpectedly better.

DIGI 002 RACK FEATURES

- Eight discrete analog inputs; channels 1-4 include four mic pres and paired phantom power
- Eight discrete analog outputs, plus a +4 dBu balanced and −10 dBV unbalanced monitor output
- 24-bit/96 kHz converters
- MIDI I/O — 1 IN/2 OUT (16 channels in, 32 channels out)
- Eight channels of ADAT optical, two channels of S/PDIF
- Alternate Source Input for monitoring −10 dBV audio equipment (tape players, CD players, etc.)
- Monitor output includes dedicated volume control knob
- Headphone output includes dedicated volume control knob
- Footswitch for QuickPunch control
- 2U rackmountable chassis
- Includes the latest Pro Tools LE software

SYSTEM REQUIREMENTS

Digidesign-approved PC or Mac with one available FireWire port; at least 256 MB RAM recommended. For details, visit www.digidesign.com/compato.

Digi 002 Rack

From tracking a band to working a MIDI-heavy remix,

Digi 002 Rack makes audio production

quick, easy, and enjoyable.

Treat your ingenuity

to a lack of inhibition.

With its easy setup and

comprehensive control,

Digi 002 clears the way

for hands-on expression

— anywhere, anytime.

Ultimate Pro Tools Mini Studio with Integrated Control Surface

Digi 002 combines the power of Pro Tools LE with hands-on control and FireWire speed and simplicity. Borrowing technology from Digidesign's Control | 24,™ Digi 002's integrated control surface allows you to manually manipulate virtually every aspect of Pro Tools LE without compromise. Slip it under your arm and take it to a gig — in Standalone mode, it serves as a fully functional digital mixer with EQ, dynamics, delay, reverb, and snapshots included.

Digi 002

DIGI 002 FEATURES

- Eight discrete analog inputs; channels 1-4 include four mic pres and paired phantom power
- Eight discrete analog outputs, plus a +4 dBu balanced and −10 dBV unbalanced monitor output
- 24-bit/96 kHz converters
- Eight motorized faders with touch control circuitry
- Eight rotary encoders used for pan/send/meter/plug-in control
- Ten scribble strips for track name, pan, send, fader, plug-in values and timeline position
- MIDI I/O – 1 IN/2 OUT (16 channels in, 32 channels out)
- Eight channels of ADAT optical, two channels of S/PDIF
- Alternate Source Input for monitoring −10 dBV audio equipment (tape players, CD-players, etc.)
- Monitor output includes dedicated volume control knob
- Headphone output includes dedicated volume control knob
- Transport control
- Footswitch for QuickPunch control, transport start/stop
- Includes the latest Pro Tools LE software

SYSTEM REQUIREMENTS

Digidesign-approved PC or Mac with one available FireWire port; at least 256 MB RAM recommended. For details, visit www.digidesign.com/compato.

To offer you the most comprehensive working environment possible, Pro Tools LE relies heavily on plugs-in as well as other signal processing and sound manipulation resources. These products, developed by Digidesign and our Development Partner community, seamlessly expand the power and extend the flexibility of your Pro Tools system. With the wealth of plug-ins and options available, you have everything you need to craft your own sound.

Pro Tools LE-compatible Plug-ins

RTAS (Real-Time AudioSuite) plug-ins offer real-time signal processing functionality, taking advantage of the power of your computer to process or generate audio. All RTAS plug-ins can be adjusted and automated using the Pro Tools LE software interface, a Digidesign control surface, or both. The inclusion of many of these plug-ins in TDM-based Pro Tools environments attests to their quality and effectiveness.

Alternatively, you can process your session's audio using AudioSuite plug-ins. As opposed to running audio through a plug-in as you would with RTAS, AudioSuite plug-ins enable you to permanently apply processing to an audio selection. Simply choose your audio, choose a plug-in, set the parameters, and apply the processing. Your audio selection is replaced with an effected copy of the original, and you save valuable system resources to use for other purposes (such as more RTAS plug-ins).

ReWire & Other Compatibility Options

In addition to Pro Tools LE-specific plug-ins, compatible third-party software solutions and other host-based instruments can be directly routed into Pro Tools LE for further mixing and processing via ReWire.

Pro Tools LE software's support for ReWire, a technology for transferring audio data between software applications, enables you to easily integrate popular, ReWire-compatible music creation products into your Pro Tools production process. With ReWire and Pro Tools, you benefit from the best of creative options.

All Pro Tools LE systems include a music production suite comprised of special versions of popular ReWire-compatible applications and plug-ins (see page 17), ideal for expanding your creative palette. All systems also support Digidesign Core Audio, ASIO, and Wave drivers, enabling you to move audio into and out of your favorite compatible third-party applications using your Pro Tools LE hardware.

All for One, One for All

Introducing the new synergy: In addition to Pro Tools® software, all Pro Tools systems now include Propellerhead Software's Reason Adapted, Ableton's Live Digidesign Edition, and IK Multimedia's AmpliTube LE, SampleTank SE and T-RackS EQ.

PROPELLERHEAD SOFTWARE Reason Adapted

Reason Adapted gives you access to an entire virtual rack of excellent studio gear right within Pro Tools through ReWire.

ABLETON Live Digidesign Edition

Perfect for live performance or composition, Live Digidesign Edition enables you to incorporate sample sequencer functionality in Pro Tools through ReWire.

IK MULTIMEDIA AmpliTube LE

Recreate popular guitar tones with amp, cabinet, and effects controls in Pro Tools with AmpliTube LE.

IK MULTIMEDIA SampleTank SE

The SampleTank SE plug-in offers instant access to a host of professional samples and integrated effects right within the Pro Tools mixer.

IK MULTIMEDIA T-RackS EQ

The T-RackS EQ plug-in is perfect for adding a rich, warm tube sound to your Pro Tools tracks.

Reason Adapted

Live Digidesign Edition
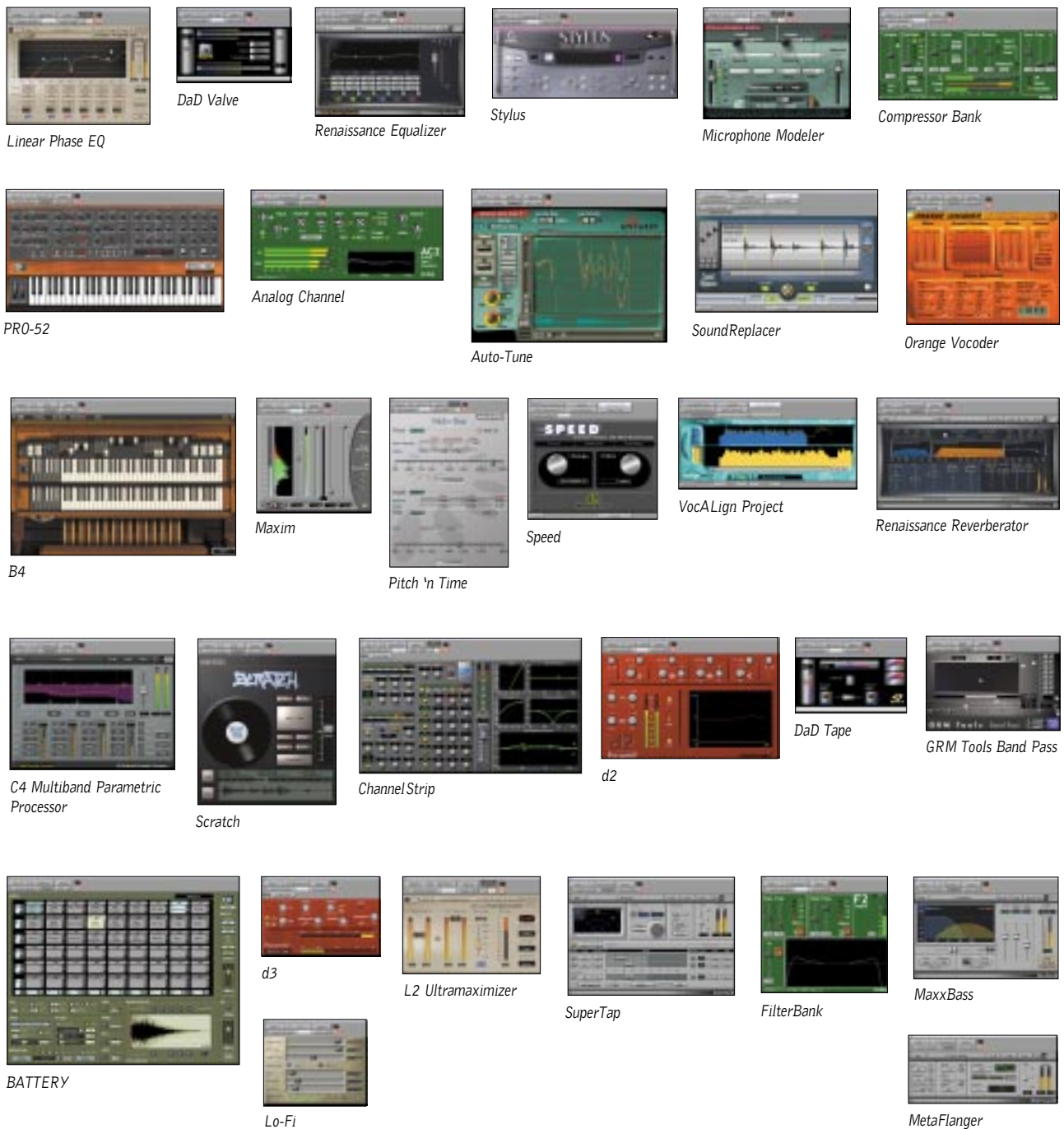

AmpliTube LE

SampleTank SE

T-RackS EQ

Digidesign Development Partners

Pro Tools would not have grown to become the industry standard without support from our Development Partners. They represent the very best of third-party audio application developers, and work with Digidesign to bring you the very best in product functionality and

performance. The ever-increasing number of sound generation, signal processing, synthesis, sampling and other production tools our Development Partners offer contribute directly to the very best environment available for your creativity.

Linear Phase EQ

DaD Valve

Renaissance Equalizer

Stylus

Microphone Modeler

Compressor Bank

PRO-52

Analog Channel

Auto-Tune

SoundReplacer

Orange Vocoder

B4

Maxim

Pitch 'n Time

Speed

VocALign Project

Renaissance Reverberator

C4 Multiband Parametric Processor

Scratch

Channel Strip

d2

DaD Tape

GRM Tools Band Pass

BATTERY

d3

Lo-Fi

L2 Ultramaximizer

SuperTap

FilterBank

MaxxBass

MetaFlanger

*Above is a selection of the many plug-ins available for making the most of your Pro Tools LE environment.
Visit www.digidesign.com/developer for the latest information.*

Options

A great deal of the power and flexibility of the
Pro Tools platform stems from its modular design.
While you can start with a system specific to your
needs, you always have the option to expand or
upgrade. In addition to the following products,
further options are available from Digidesign and
Digidesign Development Partners.

Control|24 Control Surface

Control|24* provides you with a full-featured,
Ethernet-based control surface ideal for live and
studio-based multi-track recording, editing, and
mixing. Focusrite mic preamps on the first sixteen
channels of this 24-channel console make sure
your incoming signals are as pure as possible.
Simultaneously, an intuitive, comprehensive
interface composed of faders, rotary knobs,
buttons, indicators, scribble strips, and meters
enables you to manipulate the full scope of
Pro Tools LE features and parameters. If you
plan on moving up to a Pro Tools TDM system,
you can take Control|24 with you or graduate
to a ProControl with minimal effort.

* Compatible with Digi 002 Rack and Mbox only

DV Toolkit

A new software bundle that adds desktop
post production functionality to Pro Tools LE
systems, the DV Toolkit option gives you the
ability to easily sweeten and augment the audio
content of your film and video projects. With DV

Toolkit, you can import a project file (OMF or
AAF) from applications such as Avid's Xpress
DV, make any necessary adjustments or additions
to the audio within Pro Tools, and then export
the results for finishing. Record new audio such
as voice-over and Foley, clean up unwanted
existing audio such as background noise, replace
audio such as compromised on-camera dialog,
and even add your own music tracks. Regardless
of your level of expertise, DV Toolkit makes post
production a snap.

MIDI I/O

If you're looking for a MIDI interface for your
Pro Tools LE system, look no further than MIDI
I/O,™ Digidesign's multi-port, USB-powered
MIDI peripheral. MIDI I/O includes ten MIDI
inputs and outputs for a total of 160 channels,
and features a hardware thru mode, allowing you
to patch input 1 to all of the unit's outputs without
the need to access your computer. MIDI I/O
provides the ideal means of getting MIDI data
into and out of your system, complementing
Pro Tools software's substantial, user-friendly
MIDI environment.

Avid MediaDrive

Offering stability and fast performance, FireWire-
and SCSI-based Avid MediaDrives are available
in various sizes, and feature our exclusive
QuietDrive technology to keep noise down
to a minimum.

Digidesign Training & Education

If you're interested in accelerating your working knowledge of all things Pro Tools, or especially in developing a Pro Tools-based career, the Digidesign Training & Education website (training.digidesign.com) should be your first stop. From Pro Tools and audio production basics to advanced training and certification, this site explains and offers the various formal and informal resources that you can take advantage of to make the most of your Pro Tools experience.

DiSK

Specifically geared toward the Pro Tools LE community, the free-access DiSK website complements your creativity with loads of useful information and an ever-expanding sound library. Get a tighter grip on everything from system and studio setup to plug-in use with DiSKflix QuickTime/Real videos. Explore the loads of free and for-purchase samples, loops and effects available in the DiSK Jockey section. Get free Pro Tools templates and MIDI files, and learn all about plug-in tips and tricks, using compatible third-party audio software, and how to set up your studio via DiSKotech. And find out what the pros are up to via the forums and interviews in DiSKussion.

To access DiSK, go to www.digidesign.com and click the DiSK link in the navigation menu.

DigiZine

DigiZine, Digidesign's wildly popular webzine, provides yet another valuable window into the world of Pro Tools. Featuring fresh content every month, *DigiZine* includes production and recording artist interviews, music and post production instructional columns written by audio industry experts, training and education facility profiles, and an LE Boot Camp column written expressly for the Pro Tools LE community.

To explore *DigiZine*, go to www.digidesign.com and click the *DigiZine* link in the navigation menu.

Third-party Resources

Along with the above resources, be sure to investigate the many instructional books and DVDs available through Digidesign and other distributors. While getting going with Pro Tools LE systems is relatively simple, the more you understand about how to tap the power of Pro Tools, the more satisfying your experience will be. We particularly recommend David Franz's *Producing in the Home Studio with Pro Tools, Second Edition*, published by Berklee Press and available through the DigiStore (store.digidesign.com).

DigiStore

Visit Digidesign's DigiStore — store.digidesign.com — to check out and purchase the latest offerings: hardware options, plug-ins, keyboard stickers, instructional material, DigiWear clothing, and more. For Digi 002 or Digi 002 Rack owners, be sure to take a look at DigiPack, a custom-designed carrying bag ideal for taking advantage of the mobile nature of your Digi 002 (or any other 2U device, for that matter).
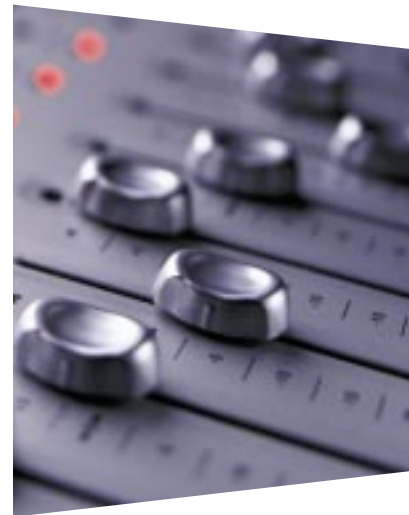
For over 15 years, Digidesign has been an industry leader in the world of computer-based digital audio production, providing the professional music, broadcast, multimedia, and film industries with tools for audio creation, production, collaboration and distribution. Our innovative products, which continue to revolutionize the audio profession and the art of recording, have established Pro Tools as the standard digital audio workstation.

Our day-to-day efforts at Digidesign are based on sustaining one fact: from composition to completion, only Pro Tools gives you absolute control of the entire audio creation and production process. The overwhelming majority of Digidesign employees are active musicians or audio specialists who regularly use Pro Tools in their personal pursuits as well as on the job. Our products inspire and excite us to a degree seldom seen in the corporate world. We enjoy pushing the limits as a tight-knit group, and that enthusiasm translates into the unsurpassed quality the audio world has come to expect from Digidesign.

For a FREE Pro Tools product information DVD, visit www.digidesign.com/dvd.

Our commitment to the audio production community: to constantly strive to offer everyone working with sound the most creative, flexible, and comprehensive set of tools for audio production, all within one extremely powerful and easy-to-use environment.

digidesign

A division of *Avid*