003, 003 Rack, and 003 Rack+

Professional Pro Tools Music Creation and Audio Production Personal Studios

Features

Integrated Control Surface (003 Only)

- 8 touch-sensitive motorized faders
- 8 motion-sensitive rotary encoders for pan/send/meter/plug-in control
- Dedicated mute, solo, and select/record arm switches per channel
- 6-character, 2-line LCD display per channel displays track name; pan, send, fader, and plug-in values; and timeline position
- 5-segment LED display for viewing metering and automation mode status
- Assign inserts and sends from the control surface
- Dedicated automation controls and LEDs
- Dedicated transport control
- Standalone MIDI Mode functionality

Wide Range of I/O

- High-speed FireWire connectivity
- 18 simultaneous channels of audio I/O
- 24-bit/96 kHz resolution
- 8 analog inputs, 8 analog outputs
- 4 professional mic preamps (8 with 003 Rack+) with individual gain and high-pass filter; 48V phantom power enabled per channel (003 Rack+ only) or on channel pairs
- 8 channels of ADAT optical I/O or two channels of S/PDIF optical I/O
- 2 channels of S/PDIF digital I/O
- 1 MIDI input, 2 MIDI outputs (16 channels in/32 channels out); 003 Rack+ has 1 MIDI input/1 MIDI output
- BNC Word Clock I/O
- Dedicated studio monitor output, plus alternate control room output
- Alternate Source input for external device monitoring
- Dual headphone outputs with individual source and level controls

WINDOWS VISTA/XP
MAC OS X

With an extensive range of audio and MIDI I/O, high-resolution audio capabilities, the creativity and efficiency of industry-standard Pro Tools® software, high-speed FireWire connectivity, and a big, comprehensive bundle of powerful software included, the Digidesign® 003® family empowers you to achieve the same professional audio results as commercial facilities in your own personal studio. Featuring three hardware interface choices—003®, 003® Rack, and the new 003® Rack+—these powerful Pro Tools LE® systems provide everything you need (and more) to compose, record, edit, mix, and master audio for music and post-production projects—with truly professional results.

003 Factory—Take Control of Your Mixes
When your projects call for detailed precision work, 003 (the hardware component of the 003 Factory package) gives you powerful hands-on control of your Pro Tools sessions through its integrated control surface. Plus, its portable size gives you the freedom to take a professional Pro Tools system anywhere your creative skills are needed—or inspired.

The Hub of Your Personal Studio
003 offers an extensive array of analog and digital audio and MIDI I/O, making it the ideal hub of any home or project studio. You can connect just about any instrument or device to 003. Plug in your guitar or bass for direct recording, connect line-level instruments such as synths or samplers, or capture sound from any source though a connected microphone—the interface's premium mic preamps deliver the utmost sound clarity. And with its studio-grade 24-bit/96 kHz audio resolution, you can expect stunning, high-resolution audio every time.

In addition, 003 provides the I/O you need to connect your MIDI gear, optical devices (such as ADAT), and S/PDIF digital equipment, and also features BNC Word Clock I/O to sync

003 to other external devices in your studio. It can also function as a standalone MIDI device, allowing you to use it to control your favorite MIDI-compatible gear and applications. Plus, its FireWire connectivity ensures high-speed data transfers between 003 and your Windows- or Mac-based computer—just plug 003 in and it's ready to go.

Mix with Your Hands—Not the Mouse
With its touch-sensitive, motorized faders and motion-sensitive encoders and switches, 003 gives you direct hands-on access to the power of Pro Tools, enabling you to control multiple aspects of your mix with much more speed and accuracy than mixing with a mouse alone. Ride a bank of faders to mix track volumes collectively, move instruments across the stereo field simultaneously, or mute multiple tracks all at once without having to point and click elements within the Pro Tools interface one... at... a... time.

With 003 you can easily control recording and playback, mute or solo tracks, change volumes, pan tracks, assign sends, insert and tweak plug-ins, automate mixes, scrub video, and more right from the control surface. And

003: Pro Tools Control at Your

If efficiency is what you strive for, 003 lets you control multiple aspects of each
with incredible accuracy and ease. Here's a closer look at what's what and where of
features the same I/O as 003, while 003 Rack+ offers four more mic inputs).

003 overhead view

003 back panel

Top

1. 55x2-character LCD provides session information and parameter values
2. Mic/line/instrument gain controls
3. 8 motion-sensitive rotary encoders
4. Independent headphone volume controls
5. Auxiliary I/O routing and monitor switches
6. Dedicated monitor volume control
7. Mute switch
8. Mute, Solo, and select/record arm switches
9. Record arm mode switch
10. Dedicated Save, Undo and Enter switches
11. Automation Mode switches
12. Keyboard modifier switches
13. 8 motorized, touch-sensitive faders
14. Plug-in, Mix, and Edit window switches
15. Loop Playback, Loop Record, and QuickPunch transport mode switches
16. Flip and Master Faders switches
17. Jog/Shuttle wheel
18. Navigation control
19. Transport controls
20. Dual independent headphone outputs

Back

A. XLR Mic and 1/4″ DI inputs
B. 1/4″ line- and instrument-level inputs
C. Foot switch input
D. Dual FireWire ports
E. 1/4″ TRS analog outputs
F. ADAT optical I/O ports
G. Main monitor outputs
H. Alternate monitor outputs
I. Aux inputs
J. S/PDIF digital I/O ports
K. BNC Word Clock I/O
L. MIDI I/O 1x2 (16 channels in/32 out)

since 003 allows you to control your mix with your hands instead of relying on your computer screen, you can close your eyes and concentrate on using your most crucial mixing tool—your ears.

003 also provides essential visual feedback, so you can see how and what you're affecting in your session. Keep an eye on audio levels on your control surface instead of looking away at a screen as you adjust volume or gain, thanks to a bank of 5-segment LEDs that function as volume/gain meters. The same LEDs also double as automation status indicators, letting you know—at a glance—which automation mode is enabled on each track when you're mixing.

Listen with Options
003 features multiple options for monitoring your sessions. Dedicated stereo studio monitor outputs allow you to always have reference monitors connected without sacrificing audio outputs, while a stereo pair of alternate control room outputs lets you hook up a second set of speakers to allow easy switching between two monitor sources. Two headphone outputs, each with its own level control, enable you to run two discrete monitor headphone mixes separately from your main mix. And an alternate source input allows you to monitor signals from a connected external device.

003 Rack—All the I/O, Streamlined
003 Rack mirrors all of the same audio and MIDI I/O, monitoring options, high-resolution audio capabilities, and high-speed connectivity as its controlling 003 sibling, but flaunts it all in a streamlined, space-saving 2U rack. Though it doesn't offer an integrated control surface, 003 Rack with Pro Tools LE software supports Digidesign's Command|8® and C|24™

control surfaces, giving you the flexibility of choosing a console companion for hands-on mixing if you don't want to do it by mouse alone. It also provides individual gain and high-pass filter controls for all of its mic preamps as well as monitoring controls on its front faceplate for easy access.

003 Rack is also available as 003 Rack Factory, which comes with an additional premium Factory plug-in bundle (see above).

003 Rack+ Factory—Streamlined Style, Double the Preamps
Recording an entire band is no problem for the newest member of the 003 family. 003 Rack+ is a near-identical twin of 003 Rack, but offers double the number of mic inputs and preamps, plus the same audio, and monitoring I/O as 003 and 003 Rack. With eight premium mic preamps and inputs, plus the premium Factory

Included Plug-ins, Applications, and Tools

Premium Factory Plug-in Bundle
- ● ● ○　Bomb Factory® BF-3A Classic Compressor
- ● ● ○　Bomb Factory Cosmonaut Voice
- ● ● ○　Digidesign D-Fi bundle (Lo-Fi™, Sci-Fi™, Recti-Fi™, Vari-Fi™)
- ● ● ○　Bomb Factory JOEMEEK SC2T Photo Optical Compressor
- ● ● ○　Bomb Factory JOEMEEK VC5T Meequalizer®
- ● ● ○　Digidesign Maxim™
- ● ● ○　Bomb Factory Moogerfooger Analog Delay
- ● ● ○　Bomb Factory Moogerfooger Ring Modulator
- ● ● ○　Bomb Factory SansAmp PSA-1
- ● ● ○　Bomb Factory Tel-Ray® Variable Delay
- ● ● ○　Bomb Factory Voce Spin™
- ● ● ○　Bomb Factory Voce Chorus/Vibrato
- ● ● ○　iLok USB Smart Key

Pro Tools Ignition Pack 2
- ● ● ○ ●　Ableton Live Lite 6 Digidesign Edition
- ● ● ○ ●　Propellerhead Software Reason Adapted 3
- ● ● ○ ●　Arturia Analog Factory SE
- ● ● ○ ●　Digidesign Xpand! by A.I.R.
- ● ● ○　FXpansion BFD Lite: 6 kits
- 　　●　FXpansion BFD Lite: 3 kits
- ● ● ○　Way Out Ware TimewARP 2600 Lite
- ● ● ○ ●　Celemony Melodyne uno essential
- ● ● ○ ●　IK Multimedia AmpliTube LE
- ● ● ○ ●　iZotope Ozone 3 Lite™
- ● ● ○ ●　iZotope Trash Lite™
- ● ● ○ ●　iZotope Spectron Lite™
- ● ● ○ ●　M-Audio ProSessions SE
- ● ● ○ ●　Broadjam.com—one-year membership
- ● ● ○　GarageBand.com contest entries: 3 entries
- 　　●　GarageBand.com contest entries: 1 entry
- ● ● ○ ●　Sonicbids.com—one-year subscription
- ● ● ○ ●　*Pro Tools Method One instructional DVD*
- ● ● ○ ●　Free plug-in with Pro Tools education

Pro Tools Ignition Pack 2 Pro
- ● ● ○　Digidesign Synchronic
- ● ● ○　Trillium Lane Labs TL EveryPhase™
- ● ● ○　Trillium Lane Labs TL Utilities™
- ● ● ○　Big Fish Audio, Cycling '74, Sonic Reality, and Zero-G sound libraries

7 Bomb Factory Plug-ins
- ● ● ○ ●　Bomb Factory BF76 Compressor
- ● ● ○ ●　BF Essential Clip Remover
- ● ● ○ ●　BF Essential Correlation Meter
- ● ● ○ ●　BF Essential Meter Bridge
- ● ● ○ ●　BF Essential Noise MeterBF Essential Tuner
- ● ● ○ ●　Funk Logic Mastererizer

39 DigiRack Plug-ins
- ● ● ○ ●　Chorus, Click, Compressor, D-Verb™, DeEsser, Delay, DigiReWire, Dither, Dynamics II, Dynamics III, EQ II, EQ III, Expander-Gate, Flanger, Gain, Limiter, Pitch Shift, Time Shift, and 21 more

● 003 Factory　　● 003 Rack+ Factory　　○ 003 Rack Factory　　● 003 Rack

003 Rack

003 Rack+ front panel

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bundle included, 003 Rack+ Factory gives you the power and capacity to simultaneously record eight mic sources, whether you want to capture a mic'd drum kit performance, large vocal or instrument ensemble, or your band. And because all that power is harnessed and streamlined into a portable 2U rack, you can record performances in your studio, garage, or even live!
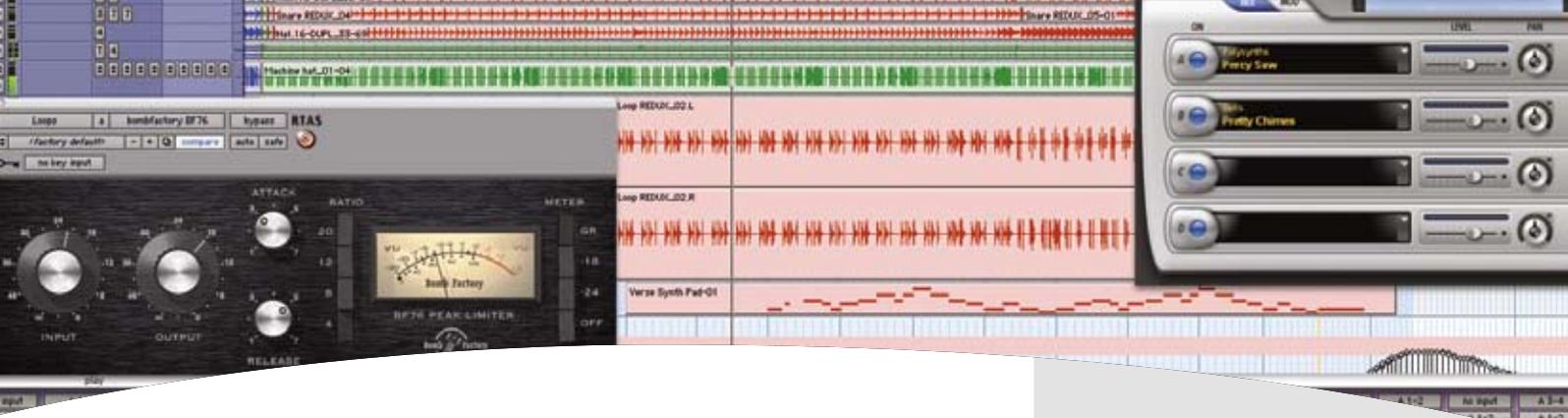
Fuel Your Creativity with Pro Tools
003 Factory, 003 Rack, 003 Rack Factory, and 003 Rack+ Factory all come with award-winning Pro Tools LE software, which offers the ultimate in recording, editing, and mixing power and flexibility. It also provides many of the same professional Pro Tools features that commercial studios rely on to produce chart-topping albums and sound for major motion pictures.

Compose music right in Pro Tools using the included virtual instruments. Change tempo or time on the fly using Elastic Time. Edit MIDI and audio waveforms nondestructively with complete precision. Punch in and out of recordings effortlessly to fix performances. Take advantage of the most powerful automation in the industry to add motion and polish to your music. Create high-quality mixes with access to a wide range of professional effects and signal processing plug-ins. Even work with QuickTime HD formats, such as H.264, HDV, and DVCPRO 100, right in Pro Tools LE for mixing sound to picture.

Not only does Pro Tools LE software offer an unparalleled breadth of creative options to help you develop ideas and bring them to fruition, it offers plenty of speed-enhancing and customizing features that enable you to work the

way you want. Make multiple changes to your mix configuration in real time, without having to stop and restart playback. Drag and drop plug-in settings for instant plug-in opening and settings recall. Set memory locations to instantly go to any point in your session. Save your favorite window views to always have the right tools ready for the task at hand. And grab track boundaries to resize tracks at your whim.

Plus, when you work with Pro Tools, you're working with the industry standard for professional audio production. That means you can enjoy full session compatibility with Pro Tools–equipped professional and personal studios around the world. Exchange entire sessions, individual session elements, or stereo mixes for easy collaboration with your friends, colleagues, and clients.

Everything You Need—Now

The 003 family comes with a big, powerful, and comprehensive software bundle, providing everything you need to compose, perform, record, sequence, edit, mix, master, and promote your creations. To help you get started, all 003 family members come with the indispensable Pro Tools Method One™ instructional DVD, a valuable training resource that teaches you Pro Tools essentials—from setting up sessions and recording audio to editing MIDI, working with loops and plug-ins, automating mixes, and more.

In addition, 003 Rack comes with over 60 signal-processing and effects plug-ins, amazing virtual instruments, professional sound samples, creativity-inspiring compatible applications, and special artist promotion services. For the ultimate in value, 003 Factory, 003 Rack Factory, and 003 Rack+ Factory all come with everything offered in 003 Rack, but include the bigger Pro Tools Ignition Pack 2 Pro bundle and the premium Factory bundle of professional plug-ins (worth over $3,000 alone)—that's over 80 plug-ins, instruments, sound libraries, applications, and services!

No Instrument—No Problem

To help kick-start your creativity, you can choose from a range of versatile audio applications and virtual instruments that work with Pro Tools to compose music or to simply play—no real instrument required. Compose and perform musical ideas with Live Lite 6, an intuitive sampler/sequencer, or break out a rack of virtual synths, samplers, and drum modules with Reason Adapted 3. Then stream the output from either application right into Pro Tools via ReWire.

Craft your own sounds—anything from simple acoustic instruments to complex soundscapes—with Xpand!™, or create a wide variety of instrumental parts using the Structure® Free sample player. Drum up a beat with BFD Lite, or groove along to the retro synth sounds of TimewARP 2600 Lite or Analog Factory SE. You can also build up mixes quickly by checking out samples from the M-Audio® sound library. And with 003 Factory, 003 Rack Factory, or 003 Rack+

Factory, you get even more instruments, including the beat creation and audio manipulation talents of Synchronic™, as well as additional sound libraries from Big Fish Audio, Cycling '74, Sonic Reality, and Zero-G.

Enhance Sounds, Perfect Mixes

Whether you're looking for that perfect guitar tone, need to correct a less-than-stellar performance, or want to achieve mixes that are sonically on par with what you hear on the radio, a treasure trove of signal-processing plug-ins await your beck and call. Plug in your guitar directly—no amp needed—and get everything from warm, vintage tones to modern-day edginess with AmpliTube LE or iZotope Trash Lite. Fix the timing and intonation of your melodies and grooves with Melodyne uno essential. And enhance and achieve mixing nirvana using the variety of Bomb Factory®, DigiRack™, and Pro Tools Ignition Pack 2 (or Ignition Pack 2 Pro) plug-ins. With 003 Factory, 003 Rack Factory, or 003 Rack+ Factory, you get even more effects and processing options, including handy plug-ins from Trillium Lane Labs®.

Add Polish with Professional Processing

003 Factory, 003 Rack Factory, and 003 Rack+ Factory include a premium Factory bundle of professional sound-processing and effects plug-ins that'll really make your mixes shine. Get even more guitar tone options with SansAmp PSA-1™. Create special effects for your music or post-production projects with Cosmonaut Voice™ and D-Fi™. Add depth and movement to your sounds with the Tel-Ray® Variable Delay and Voce® plug-ins. Warm up your sounds with the Moogerfooger® and JOEMEEK® plug-ins and Bomb Factory BF-3A compressor. And master your mixes with the world-class peak-limiting and sound level-maximizing powers of Maxim™. Plus, you'll be able to authorize all Factory plug-ins with the included iLok USB Smart Key (a $40 value).

Learn More!

Get up close and personal with 003, 003 Rack, and 003 Rack+ online—visit **www.digidesign.com/003** for a full 360-degree interactive look at the interfaces, more information, and full product specifications.

Pro Tools LE Software

- Award-winning, industry-standard Pro Tools LE software for composing, recording, editing, mixing, and mastering

- 32 simultaneous audio tracks (128 virtual audio tracks), expandable to 48 tracks*

- Fully integrated MIDI sequencing with 256 simultaneous MIDI tracks

- Support for streaming ReWire applications

- Beat Detective™ LE automatic groove analysis and correction tool

- Supports Digidesign Command|8 and C|24 control surfaces

- Huge selection of compatible third-party plug-ins and software options

* Pro Tools LE software supports 32 mono (16 stereo) audio tracks, expandable to 48 mono or stereo audio tracks with optional Music Production Toolkit or DV Toolkit 2.

Powered by
PRO TOOLS LE SOFTWARE

System Requirements

- Digidesign-approved computer running Windows Vista, Windows XP, or Mac OS X

For the most current system requirements, compatibility information, and online support, visit **www.digidesign.com/support**.

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