AVID

AVID PRO MIXING MUSIC • POST

Your Mix—Your Way

Mixing has changed significantly from the days when tracks were recorded onto analog or digital multitrack machines. Serious mixing typically didn't happen until the end of the process, often using large consoles and dedicated outboard effects processors.

Today, with the advancements of Pro Tools® automation and plug-ins for signal processing, mixing begins the moment you record the first tracks. This provides sonic consistency as the project evolves—even when moving between studios and desktop systems. And as our technology continues to progress, offering groundbreaking new ways of mixing, you gain more time to explore your creativity—without compromise.

Whether you work in music or mix sound for film or television, we've got you covered with a wide range of customizable surfaces and powerful DAWs to meet your needs and budget.

Welcome to Avid Pro Mixing.

> "Avid is an exciting company, and our S6 and [Pro Tools] HDX system are great new tools for us to capture the magic of great music."
>
> **Jeff Greenburg,** CEO, The Village

> "[Avid control surfaces], along with HDX hardware and Pro Tools software, offer a lot of creative power for film mixing."
>
> **Skip Lievsay,** re-recording mixer, sound designer, supervising sound editor (*Gravity, No Country for Old Men, True Grit*)
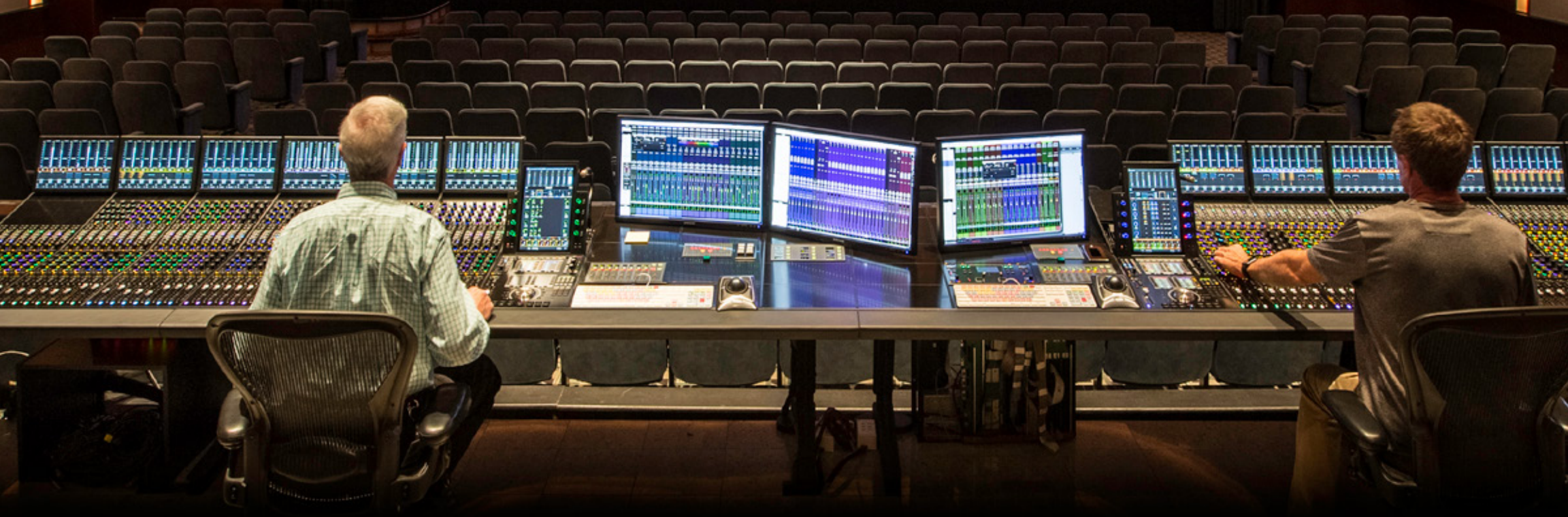
> " The S6 is a an excellent addition to Sony Pictures' sound facilities, enhancing mixers' ability to work creatively with sound and build groundbreaking soundtracks. Our artists are very excited to have access to this new technology."
>
> **Tom McCarthy,** executive vice president of post-production services, Sony Pictures

For music...

In the recording studio, success is built on being able to inspire and maintain a high level of creativity throughout the session. Because Avid Pro Mixing surfaces provide the deepest integration with a wide variety of DAWs, you can interact faster and more organically with the music. Plus, they provide unprecedented visual feedback while eliminating time-consuming tasks and inefficient mouse mixing. That means you'll have more time to explore variations and try new ideas to achieve the best mix possible—without the console getting in the way.

> " We were looking for a highly functional, aesthetically pleasing control surface to speed up the mixing process and make it more creative... [With S3], I'm able work on the song much quicker, leaving more time for creative ideas to blossom."
>
> **Joel M Peters**, sound engineer, Sarm Studios (Seal, Ellie Goulding, Trevor Horn)

For audio post production...

The demand for massive sounding multidimensional soundtracks continues to rise for film and television—as does increasingly compressed schedules. Avid Pro Mixing surfaces provide the powerhouse features you need to manage those monster sessions and frequent picture changes, so you can deliver higher quality mixes on schedule. From portable controllers for your ADR and editorial suites, to fully modular multi-operator surfaces for your re-recording mix stages, our award-winning designs bring the sound quality and efficiency you need to deliver on time, every time.

> " I love the touchscreen—it's a great, great feature...and it just really allows me to work very quickly and efficiently. It's also fun —that's the best way to put it. The S6 is a lot of fun to work on."
>
> **Frank Morrone**, Emmy®-winning re-recording mixer (*Criminal Minds: Beyond Borders, The Strain, Lost*)

Control surfaces

Pro Tools | S6
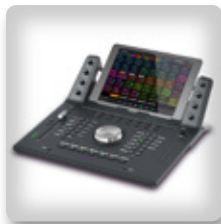Get the most immersive mix experience with a fully modular surface.
page 6

Pro Tools | S3
Take deep control of multiple DAWs with a compact surface.
page 9

Pro Tools | Dock
Integrate your iPad for full and fast touchscreen and tactile control.
page 10

Artist Mix
Accelerate editing and mixing with a controller that can be connected together and extended.
page 10

EUCON
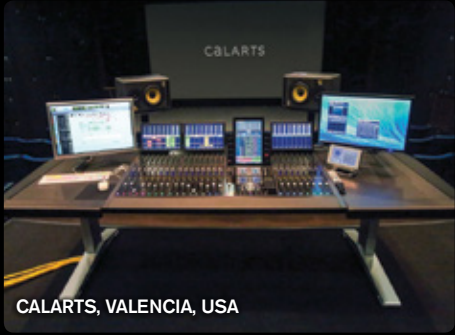Take control of Pro Tools and more with this high-speed Ethernet technology.
page 11

DAWs

Pro Tools | HD Systems
Get unrivaled performance and pristine sound quality for music and post.
page 12

Music and post-production studios around the world embrace Avid Pro Mixing—so can you

Your Studio Here

CALARTS, VALENCIA, USA

HFF, MUNICH, DE

COSMIX, VIENA, AT

SONY STUDIOS, LOS ANGELES, USA

LABOMATIC STUDIOS, PARIS, FR

PINAXA STUDIOS, MILAN, IT

THE FRIED MUSIC, HELSINKI, FI

FINAL CUT, LONDON, UK

DIGITAL EGG, TOKYO, JP

THE VILLAGE, LOS ANGELES, USA

DELUXE STUDIOS, LOS ANGELES, USA

KONKEN STUDIOS, HAMBOURG, DE

LASERFILM, ROME, IT

NU BOYANA FILM STUDIOS, SOFIA, BGR

www.avidblogs.com/promixing

Pro Tools | S6

Mixing redefined

Experience the most intuitive, immersive mixing workflows for the modern sound engineer. The revolutionary Pro Tools | S6 modular control surface leverages the best of the industry-leading ICON and System 5 product families, providing superior ergonomics, visual feedback, and the tightest integration between control surface and DAW ever offered. And because it's built on proven technology, trusted by top audio professionals, you can confidently take on the most demanding mixes and meet every deadline.

Key features

- Customize the surface with the modules and options you need for great cost efficiency
- Scale the system both horizontally and vertically to match your workflow, with room to grow
- Mix faster and easier with superior ergonomics and high-precision controls
- View and manipulate multiple aspects of your mix through the multipoint touchscreen
- See all track processing with detailed visual feedback and high-resolution metering
- Get the deep, intelligent Pro Tools mixing control only Avid can provide
- Extend your control to Logic Pro, Nuendo, and other EUCON®-enabled DAWs (see p11)
- Mix multichannel Dolby Atmos and other immersive audio projects
- Experience incredibly responsive control with high-speed EUCON connectivity
- Control up to eight audio workstations simultaneously without switching the surface
- Configure, scale, and reconfigure the surface on the fly to meet your mixing preferences
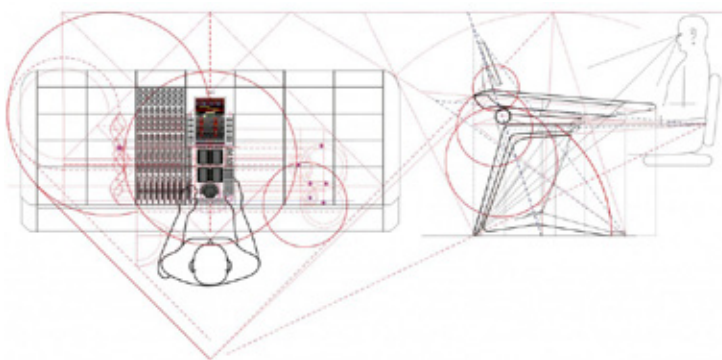
" *With unprecedented visual feedback, modularity, and the touchscreen interface the S6 offers, the surface further elevates my workflow in every way. With the S6, I can continue to push the envelope of what's possible in mixing."*

Craig Bauer, Grammy-winning mixer, producer, engineer (Kanye West, Ed Sheeran, The Clark Sisters)

Revolutionary modular design

S6 is built to grow with you at every stage of your business—now and in the future. With a first-of its-kind modular design, you can customize the surface with the modules you need to match your current workflow for the greatest cost efficiency. Then scale the surface—horizontally and vertically—as your business grows.
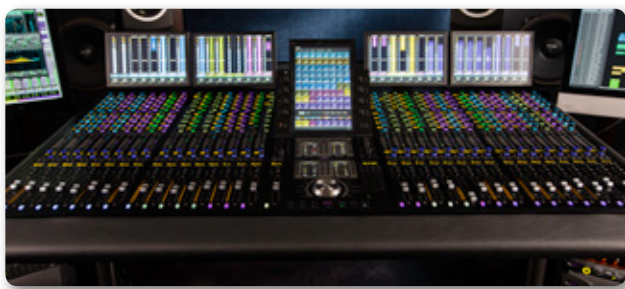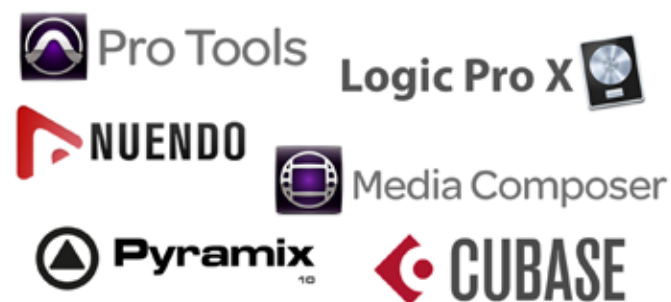
Mix smarter with superior ergonomics

S6 acts and feels like a digital console, but uses your DAW as its audio engine, providing a truly intuitive and immersive experience. Turn around projects faster with high-precision editing and mixing control at your fingertips. Quickly access and edit plug-ins, surround panning, and more with the multipoint touchscreen. And see every detail of your mix with unprecedented visual feedback, including Pro Tools waveform scrolling.

Get intelligent studio control

Experience the deep DAW control only Avid can deliver. Pair S6 with Pro Tools and you gain the Avid advantage of faster workflows, extensive visual feedback, and unique mixing features that accelerate your efficiency every step of the way. And extend your control to Logic Pro, Nuendo, and other EUCON-enabled DAWs, enabling you to mix projects on multiple workstations simultaneously and switch out sessions in seconds—all from a single control surface.

Proven and trusted technology

S6 delivers incredible workflow acceleration, highly responsive handling, the most intuitive Dolby Atmos workflows, and deep DAW integration—all built on proven technology, trusted by top audio professionals in the most demanding production environments. The result: you get the exceptional, dynamic performance you need to deliver your best sounding mixes possible.

Pro Tools | S6 – Build Your Own

S6 can be scaled both horizontally and vertically using an array of surface modules. Choose a preconfigured system or configure your own with the modules you need now to fit your workflow and budget, with room to expand as your needs and business grow.

Master touch modules—Choose your engine

S6 M40—Choose this high-performance master module for mixing large-scale productions that require maximum channels and visual feedback (supports up to 46 modules, 64 faders, 9 knobs per channel, and the Display Module)

S6 M10—Choose this high-performance master module designed for budget-conscious pros and small- to mid-size facilities (supports up to 14 modules, 24 faders, and 5 knobs per channel; no Display Module support)

Master modules—Take central command

S6 Automation Module—Navigate and automate projects with full transport control (including a shuttle/jog wheel), automation control, soft key displays and switches, and more

S6 Joystick Module—Get the precision control you need to mix surround projects with dual touch-sensitive joysticks, 16 panning mode switches, and TFT and OLED displays

S6 Post Module—Mix and monitor post projects faster using two rows of 10 PEC/DIRECT paddles, each with solo and mute buttons, plus programmable Soft Keys

Channel modules—Get the controls you want and need

S6 Fader Module—Control track levels and more using 8 exceptionally smooth, motorized faders with OLED displays, dual LED meters, and multiple switches

S6 Knob Module—Adjust and edit a variety of parameters through 32 multicolor top-lit knobs and OLEDs (4 per channel)

S6 Process Module—Select functions for the Knob Module encoders and individual parameters for the 8 multicolor top-lit assignable knobs (1 per channel) with function switches

S6 Display Module—Get great visual insight into your mix with this 8-channel high-res TFT screen, which can display metering, waveforms, processing, and routing (for S6 M40 surfaces only)

Frames and options—Customize your surface further

Whether you want to place S6 on your own custom studio furniture or give it some legs to stand on, you have many options to choose from, including leg assemblies, desktop assemblies, blank panels, display VESA arms, Producer's Desk, sliding keyboard tray, sliding script tray, and speaker shelves.

Pro Tools | S3

Small format. Big mix.

Get a streamlined yet versatile mixing system for the modern sound engineer. Based on the award-winning Pro Tools | S6 control surface, Pro Tools | S3 delivers intelligent control over every aspect of Pro Tools and other DAWs. All in a more portable and affordable surface. But don't let its small size fool you. While it's ideal for space-confined and on-the-go mixing, it packs enormous power to handle large sessions and turn around projects faster. Even better—pair it with Pro Tools | Dock and the Pro Tools | Control app to get S6-like visual feedback and touch control and mixing features.

> " *S3 has changed the way I work. I'm faster on this surface after one week than 8 years on ICON. The small footprint has allowed me, for the first time, to have full tactile control over my work and still sit at my master keyboard. I love this thing! I can't believe you got this much functionality into this little space."*
>
> **Andy Gray**, composer, producer (*Hunters, Big Brother,* Paul Oakenfold)

Key features

- Take control of Pro Tools, Media Composer®, Logic, Cubase, and other audio and video software (see p11)
- Get fast access to tracks through 16 channel strips, each with a touch-sensitive, motorized fader and 10-segment signal level meter
- Access and adjust panning, gain, plug-in settings, and other parameters through 32 touch-sensitive, push-button rotary encoders
- View track names, metering, parameter values, automation modes, and more through 32 high-resolution OLED displays
- Solo, mute, select channels, and enable record/automation on every channel
- Navigate projects by accessing the transport controls through the touch strip
- Gain new touch workflows and dedicated transport control when paired with Pro Tools | Dock
- Navigate projects, automate tracks, assign controls, and more with dozens of dedicated switches
- Record, mix, and monitor sessions using the built-in 4x6 AVB Core Audio interface

Pro Tools | Dock

Mini footprint. Massive control.

Pro Tools | Dock provides intelligent studio control in a portable, affordable surface. Integrated with your iPad, you get the quick touchscreen access and tactile precision control you need to edit and mix projects faster. And when paired with Pro Tools | S3, you gain new touch workflows and custom control. Mixing deadlines have met their match.

- Take control of Pro Tools, Logic, Cubase, and other audio and video software (see p11)
- Speed up editing and mixing by integrating your iPad and free Pro Tools | Control app
- Get extensive touchscreen and tactile control, plus critical visual feedback
- Access and adjust monitoring controls, EQ, pan, plug-ins, sends, and other settings from 8 encoders
- Trigger frequently performed functions and commands with 16 programmable Soft Keys
- Focus on VIP tracks using the "attention" channel with a touch-sensitive, motorized fader
- Navigate large sessions easily with the jog wheel, transport keys, or Universe Scroller
- Customize and recall layouts and complex macros with a single button press
- Automate tracks effortlessly with 12 dedicated automation switches

iPad control and Artist Mix

Pro Tools | Control—Take wireless control of your favorite audio and video software right from your iPad with this free iOS app.

- Take control of Pro Tools, Media Composer, and more (see p11)
- Track and mix music and audio with just a touch
- Navigate through large mixes using Tracks view

Artist Mix—Take mixing to a new level with fast access to tracks, plug-ins, and more from this portable slimline surface, offering 8 touch-sensitive, motorized faders.

- Take control of Pro Tools, Media Composer, and more (see p11)
- Adjust settings fast through 8 touch-sensitive rotary encoders
- Connect up to four Artist Mixes to form a single surface

EUCON Technology

Take control of your favorite creative tools

What if you could take hands-on control over multiple audio and video applications from a single control surface? Without having to reboot workstations each time you switch. You can with EUCON—a high-speed Ethernet protocol that enables all Avid Pro Mixing control surfaces to fully integrate with your favorite EUCON-enabled creative applications.

This groundbreaking technology communicates control information for faders, knobs, displays, and more between the surface and whatever application is in focus on your computer. And because it's application-aware, you can work with multiple applications and quickly switch between them at the touch of a button. The surface instantly adapts all controls and displays to your current audio or video software in seconds.
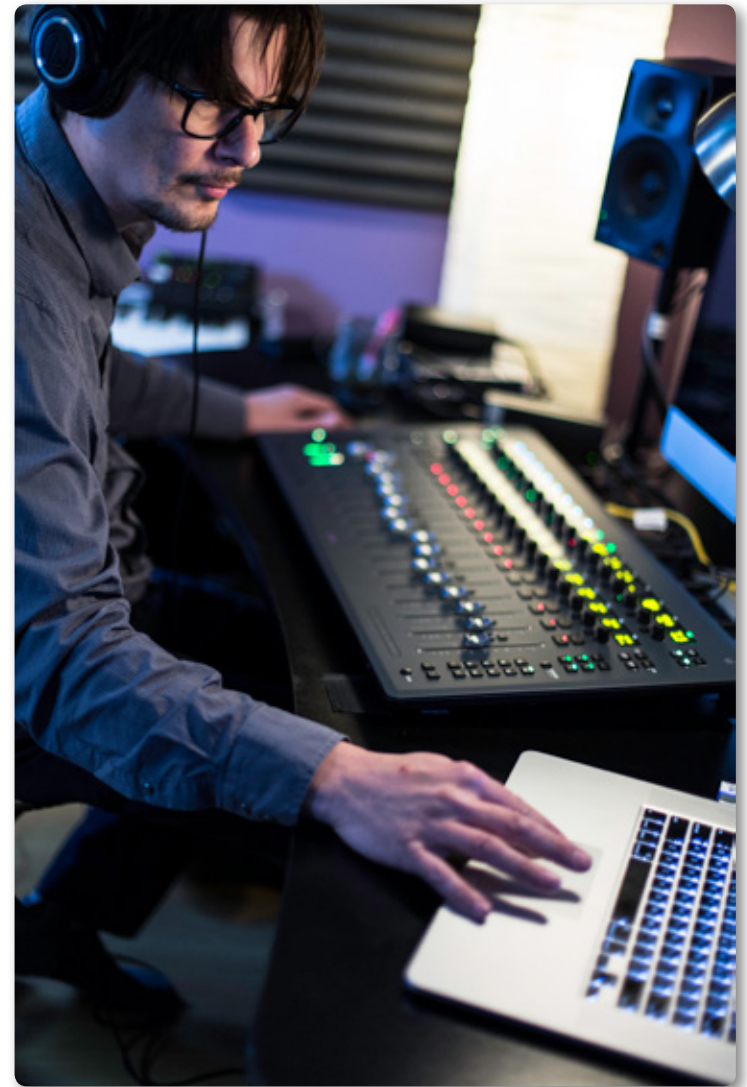
Avid tests a variety of Avid and third-party audio and video software for each Avid Pro Mixing surface. Here are just some of the creative tools you can use:

EUCON-enabled applications*

- Avid Pro Tools
- Avid Pro Tools | Ultimate
- Avid Media Composer
- Avid Media Composer | Ultimate
- Avid XMON EUCON
- Adobe Audition
- Adobe Premiere
- Apple Logic Pro

- Digital Audio Denmark DADman
- Harrison Mixbus
- MOTU Digital Performer
- Magix Sampitude
- Magix Sequoia
- Merging Technologies Pyramix
- Steinberg Cubase
- Steinberg Nuendo

Mackie Control/HUI-enabled applications

- Ableton Live
- Cockos REAPER
- Propellerhead Reason

* Please note that while these applications are EUCON-enabled, the extent of integration with Avid Pro Mixing control surfaces and supported software versions are at the sole direction of the respective manufacturer. For details, please contact the manufacturer.

Pro Tools | HD Systems

Pristine sound, impeccable performance

Pro Tools is the most widely used DAW in music, film, and television, and our Pro Tools | HD hardware systems are the industry standard. Producers, engineers, mixers, and artists worldwide choose Pro Tools for its pervasive workflow support, industry-wide adoption, pristine-quality sound, proven reliability, and unrivaled performance. Simply put, the software and systems give you the power to tackle even the largest, most demanding mixes with confidence and ease. And when paired with an Avid Pro Mixing surface, you gain the deepest tactile DAW control to complete

Pro Tools | HDX

A gigantic leap in sound and speed

Delivering up to 5x more power per PCIe card than Pro Tools | HD Accel, Pro Tools | HDX gives you the highest track counts and performance of any DAW through dedicated, scalable DSP. With it, you can take on any size project with confidence.

- Handle the largest mixes easily, from 256 audio tracks with one HDX card, up to 768 with three
- Compose, record, edit, and mix audio with award-winning Pro Tools | Ultimate software
- Achieve pristine sound quality by pairing your core system with powerful Pro Tools | HD Series audio interfaces
- Get massive headroom—and less headaches—with 64-bit floating point processing

- Experience the industry's lowest possible latency performance (0.7 ms)
- Add more inputs and outputs as your project needs grow—up to 192 I/O channels with HD Series interfaces or 96 through Core Audio and ASIO
- Gain unmatched integration, acceleration, and control when used with an Avid control surface
- Get access to future Pro Tools releases, tons of bonus plug-ins, and ExpertPlus support (see p15)

> *The thing that's great about Pro Tools | HDX is how reliable it is. I know it's going to work exactly how I need it to every time. It's a rock."*
>
> **Andrew Scheps**, mixer, engineer, producer (Adele, Metallica, U2)

> *Pro Tools has brought me closer to the music and the emotion of the songs by simplifying the whole process. I'm in control of the workflow now, not the gear. It keeps me focused on the music and the project at hand. In the end, that's what it's all about."*
>
> **Ken Andrews**, producer, engineer, mixer (Failure, Paramore, M83)

Pro Tools | HD Native
High performance goes native

Get the highest performance and lowest latency of any host-based DAW with Pro Tools | HD Native. Instead of dedicated DSP, it harnesses the power of your Mac or PC, enabling you to get all of the features and benefits of Pro Tools | HD at even a lower price than ever before.

- Create and mix large sessions with up to 256 audio tracks and 64 channels of I/O
- Compose, record, edit, and mix audio with award-winning Pro Tools | Ultimate software
- Achieve pristine sound quality by pairing your core system with powerful Pro Tools | HD Series audio interfaces
- Connect into any studio with your choice of Thunderbolt interface or PCIe card
- Get the ideal tracking experience with set-and-forget direct monitoring and low-latency mode
- Gain unmatched integration, acceleration, and control when used with an Avid control surface
- Get access to future Pro Tools releases, bonus plug-ins, and ExpertPlus support (see p15)

Virtual instruments and effects

With Pro Tools, you have access to the widest array of high-quality AAX virtual instruments, effects, and sound processing plug-ins to compose, shape, enhance, and perfect your mixes. From EQs, compressors, reverbs, delays, and other studio staples, to hyper-realistic virtual instruments, guitar amp emulators, and unbelievable re-creations of your favorite vintage outboard gear, getting the sounds you want is just a plug-in away.

You'll find incredible plug-ins from Avid and hundreds of the best sound designers in the world. Our amazing Avid Alliance partners include AIR, Antares, Brainworx, Cranesong, East West, Flux, iZotope, Massenburg Design Works, McDSP, Metric Halo, Native Instruments, Plugin Alliance, Softube, Sonnox, Soundtoys, UVI, Waves, and many more.

Explore your sonic possibilities at avid.com/plugins

> **"** *Whether I'm at home, working in a studio, or traveling with my mobile rig, Pro Tools integrates seamlessly with all my systems."*
>
> **Supa Dups**, producer, DJ, musician (Rihanna, Bruno Mars, Eminem)

> **"** *People ask me what my main instrument is, and at first I think of piano or guitar, but really for the past 12 years, Pro Tools has been my main axe."*
>
> **Brian Tyler**, composer (*Iron Man 3, Thor: The Dark World, Furious 7*)

Pro Tools Software

Power your sound with the tools that power an industry

Pro Tools redefined the music, film, and TV industry, providing everything artists, musicians, producers, mixers, sound designers, and editors need to compose, record, edit, and mix audio. Work with industry-standard music and audio tools with Pro Tools software, available as a subscription or for purchase. Get more advanced editing and automation tools to take on the biggest music and audio surround mixes with Pro Tools | Ultimate, available as a subscription, for purchase, or bundled with a Pro Tools | HD system. Or get started free with Pro Tools | First*. Here's just some of what's new in Pro Tools...
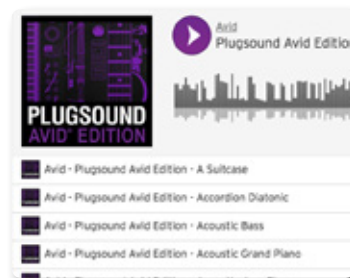
Create your sound with UVI Falcon—Give your music that fresh edge you're looking for with UVI Falcon, an incredible sounding hybrid virtual instrument that offers infinite creative possibilities. Generate sounds fast with drag-and-drop ease. Or roll up your sleeves with a deep set of tools that enable you to create and tweak sounds extensively with abandon. Best of all—it now comes with Pro Tools and Pro Tools | Ultimate.

Get started with Plugsound Avid Edition—Gain inspiration from a great-sounding 2.6 GB sample library included with all versions of Pro Tools. Designed by some of the industry's top sound designers, this deeply editable collection offers everything—from high-quality keyboards, drums, synths, and fretted instruments, to loops and atmospheric soundscapes—to enhance any music or sound design project.

Get access to all Avid plugins—Expand your creative possibilities and workflow with access to the Avid Complete Plugin Bundle and Pro Tools | MachineControl included with Pro Tools | Ultimate. From enhancing mixes with legendary sound processors, to remotely controlling devices in your studio, Pro Tools | Ultimate offers more value than ever.

And more…

- Spark ideas with 1,000 included Factory Sounds presets
- Find plugins and busses faster with integrated menu search
- Build sessions on the fly with Track Presets
- Capture performances retroactively
- Get deeper MIDI control with tons of enhancements and improvements

* Please note that Pro Tools | First, a free version of Pro Tools, does not include some of the features detailed on this page.

Why choose
Pro Tools | Ultimate?

When you need the horsepower to mix large sessions, manage thousands of clips, and deliver incredible sounding mixes, no other DAW can match the speed and ease of Pro Tools | Ultimate. Not only does it offer all the same benefits of standard Pro Tools, it provides the advanced tools and workflows you need to take on the most demanding music and film/TV projects.

- Get Pro Tools | Ultimate your way—subscribe to or buy the software, or purchase a Pro Tools | HD system
- Attain the highest sound quality, guaranteed performance, reliability, and scalability with Avid hardware
- Mix in mono, stereo, or multichannel surround sound—up to 64-channel Dolby Atmos
- Play and edit multiple HD video tracks directly in your Pro Tools timeline, or sync to Media Composer sequences with the Video Satellite option
- Edit tracks with advanced tools, including Scrub Trim, Auto Fades, and Replace Region
- Accelerate mixing with advanced automation, including Punch, Capture, and Automatch
- Sync and control up to 12 Pro Tools | HD systems with the included Satellite Link software

Get more benefits

All Pro Tools software and system purchases come with an Avid Software Updates + Support Plan. Not only do you get access to all new Pro Tools releases and support for the duration of your subscription or annual plan, but also to an amazing collection of bonus plug-ins—at no additional cost.

Pro Tools | Ultimate—All Pro Tools | Ultimate subscriptions and perpetual license purchases (you own the software) come with priority ExpertPlus support and access to a massive collection of bonus plugins and sounds, including the Avid Complete Plugin Bundle (featuring nearly every Avid audio plugin available), UVI Falcon, and 2.6 GB Plugsound Avid Edition sample library to inspire, shape, enhance, manipulate, and fine-tune every aspect of your mix.

Pro Tools—All Pro Tools subscriptions and perpetual license purchases (you own the software) come with Standard support and access to a collection of bonus plugins and sounds, including UVI Falcon, 2.6 GB Plugsound Avid Edition sample library, Space, and 16 classic stompbox effects to shape and enhance your sound.

About Avid

From the most prestigious, award-winning productions, to music and movies made at home, Avid creates the technology that people use to make the most listened to, most watched, and most loved media in the world. The shows, commercials, and news programs you watch on TV. The music you hear on your digital music player, smart phone, sound system, or live in concert. The video and films you see and hear on the big screen and web. The music and videos you create at home.

Our innovative digital audio and video solutions continue to revolutionize the art of sound and creative storytelling, and have earned us hundreds of awards, including two Oscar® statuettes, a Grammy®, and 14 Emmys®.

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" *The S6 is the natural progression from 'mixing in the box.' It's supremely powerful... I came here to do [the film] Hands of Stone on the S6 [for the first time] at Deluxe. I love the S6... It's definitely the next step in the evolution."*

Joe Barnett*, independent re-recording mixer (Hands of Stone, Daredevil, The Perks of Being a Wallflower)*

Discover what you can achieve: **www.avid.com**