

# Adobe® Audition® 2.0

Integrated audio recording, mixing, editing, and mastering



## Q: What is Adobe Audition 2.0?

**A:** Adobe Audition 2.0 software is the all-in-one toolset for professional audio production that allows users to record, mix, edit, and master digital audio. Adobe Audition delivers the flexibility you need to produce professional results for all your audio and video projects, and gives you pinpoint control in an intuitive, easy-to-use environment. Whether you are composing music, recording and mixing a project, producing a radio spot, cleaning up production audio for a movie, or designing sound for video games, Adobe Audition 2.0 provides the flexible, powerful tools you need to get the job done. Get professional results in real time with Adobe Audition 2.0.

## Q: What are the top new features in Adobe Audition 2.0?

**A:** Adobe Audition 2.0 includes dozens of innovative new features that give you more powerful ways to work with audio. They include:

**Low-latency mixing with unlimited tracks**—Enjoy rapid response as you record and mix with a new, powerful low-latency mixing engine.

**ASIO support**—Work with high-performance, ASIO-driven audio devices, which operate with very low latency and enhance performance by enabling features such as live input monitoring.

**Audible scrubbing**—Quickly find the audio you want to edit using two modes of audible scrubbing. Tape-style scrubbing enables you to find hard-to-locate edit points, and shuttle-style scrubbing allows you to scan through your audio rapidly.

**Analog-modeled Multiband Compressor**—Control dynamics, adjust loudness, and master your mixes with multiband precision. Give bass and drums punch while allowing your vocals to push through the entire mix.

**Recordable parameter automation with external hardware support**—Move volume, pan, and effects controls as you listen, and record changes to your mix in real time. Use external hardware controllers to make changes, which appear as editable envelopes in the timeline.

**New tools for mastering**—Use the innovative Spectral Pan and Phase display modes to analyze your audio, the Mastering Rack in Edit View to apply multiple effects simultaneously, and improved phase and frequency analysis tools.

**New Spectral Frequency Display tools**—In Spectral Frequency Display, use the new Lasso tool to create a selection of any shape, adjust the color bar and resolution to better isolate a specific frequency range, and use the logarithmic display option to increase the visibility of lower frequencies.

**Broader video format support**—Edit soundtracks for video and then export the enhanced video in AVI, MPEG, DV, or WMV format. (MPEG support is included only when Adobe Audition is installed as a part of Adobe Production Studio Premium software.)

**Optimized performance**—Experience dramatic performance upgrades—up to three times faster for some features—and optimized use of hard-drive space.

**Intuitive user interface**—Enjoy an updated, easy-to-use interface—consistent with those in the latest Adobe video applications—with workspace panels that dock and group for optimal organization, as well as new phase analysis tools and a powerful new Mixer panel.

For more details about these and other new features in Adobe Audition 2.0, refer to the Adobe Audition 2.0 “What’s New” document, which you can find at [www.adobe.com/products/audition/indepth.html](http://www.adobe.com/products/audition/indepth.html).

**Q: Is Adobe Audition part of the new Adobe Production Studio?**

**A:** Yes, Adobe Audition is one of the components of Adobe Production Studio Premium software, the complete post-production solution. Production Studio Premium combines Adobe's world-class video, audio, and graphics applications with the timesaving workflow features Adobe Dynamic Link and Adobe Bridge.

**Q: Why should I purchase Adobe Audition 2.0?**

**A:** Adobe Audition 2.0 combines high-quality multitrack mixing, integrated wave editing (including frequency space editing in the Spectral Frequency Display), powerful looping capabilities with more than 5,000 performance-based loops, and exceptional audio analysis tools. No other product offers this breadth of capabilities in a single integrated product. Adobe Audition is also easy to use, so getting started and creating results quickly is a snap. In addition, tight integration with the other components in Adobe Production Studio makes Adobe Audition a valuable tool in video post-production.

**Q: How much will Adobe Audition 2.0 cost? Where can I buy it?**

**A:** Adobe Audition 2.0 has an estimated street price (ESP) of US\$349, and is available for that price from the Adobe Store; upgrades from previous versions of Adobe Audition are available for an ESP of US\$129. Adobe Audition can also be purchased as part of Adobe Production Studio Premium software.

Adobe Audition 2.0 is available directly from the Adobe Store at [www.adobe.com/store/main.html](http://www.adobe.com/store/main.html), or from Adobe Authorized Resellers. Please note that prices are approximate, subject to change, and do not include taxes, shipping, or other related expenses. For Adobe Audition 2.0 pricing outside North America, go to your local version of the Adobe website or check with your Adobe authorized reseller.

**Q: I have a copy of Cool Edit or Cool Edit Pro. Can I upgrade to Adobe Audition 2.0?**

**A:** Only registered owners of previous versions of Adobe Audition 1.0 or 1.5 can upgrade to Adobe Audition 2.0 for an ESP of US\$129. Please note that prices are approximate, subject to change, and do not include taxes, shipping, or other related expenses.

**Q: Can I upgrade to the new Adobe Production Studio Premium from Adobe Audition?**

**A:** Licensed users of Adobe Premiere® or Adobe Premiere Pro, Adobe After Effects® (3.x or later, Standard or Professional), or Adobe Photoshop® CS or CS2 software may upgrade to the new Adobe Production Studio Premium, which includes Adobe Audition 2.0.

**Q: I just recently bought a copy of Adobe Audition 1.5. Can I exchange it for version 2.0?**

**A:** Customers who purchased Adobe Audition 1.5 from January 17, 2006 (January 18, 2006, in Japan), through April 17, 2006 (April 18, 2006, in Japan), are eligible for a free upgrade to Adobe Audition 2.0. Shipping charges may apply. This offer is available only through Adobe and applies to purchases made from Adobe or Adobe Authorized Resellers. You must provide a dated proof of purchase and your serial number when you place your order. Claims for this offer must be received by May 2, 2006 (May 3, 2006, in Japan). To claim an upgrade, customers in the U.S. and Canada can call Adobe Customer Service at (800) 833-6687. To contact Customer Service in other parts of the world, visit [www.adobe.com/support/intlsupport.html](http://www.adobe.com/support/intlsupport.html).

**Q: Why should I register Adobe Audition 2.0?**

**A:** When you register your Adobe products, you qualify to receive expert technical support, new product announcements, special offers, and early notice of product upgrades. In addition, if you register via the in-product registration process, you are eligible to receive a free benefit gift for registering. One of the benefits you can choose is the highly efficient and great-sounding Tube Modeled Compressor plug-in.

**Q: What types of support are available if I need help?**

**A:** As a registered owner of the current version of an Adobe product, you are eligible to receive complimentary person-to-person support on issues related to installation and unexpected behavior, including crashes and errors caused by the software. There is no charge for this service; you pay only for the cost of the call. Adobe also offers a number of complimentary

resources including a searchable online knowledgebase, User to User Forums, and tutorials and other resources at the Adobe Resource Center. In addition, Adobe offers various person-to-person technical support plans for how-to help and real-time problem solving. Whether you choose to call or click, you can get dependable answers from Adobe. To learn more, go to [www.adobe.com/support/expert\\_support/main.html](http://www.adobe.com/support/expert_support/main.html).

**Q: Will I be able to try Adobe Audition 2.0 before I purchase it?**

**A:** A 30-day tryout version of Adobe Audition 2.0 will be available for download from the Adobe website shortly after the product begins shipping. Visit [www.adobe.com/products/tryadobe/main.jsp](http://www.adobe.com/products/tryadobe/main.jsp) for more information.

**Q: What languages is Adobe Audition 2.0 offered in?**

**A:** Adobe Audition 2.0 is available in English, French, German, Japanese, and new for this version, Italian and Spanish.

**Q: Is there an education version of Adobe Audition 2.0?**

**A:** There is an education version of Adobe Audition 2.0 available. Please check our website for a list of current education resellers at [www.adobe.com/education](http://www.adobe.com/education).

**Q: What operating systems does Adobe Audition 2.0 support?**

**A:** Adobe Audition supports Microsoft® Windows® XP Professional or Home Edition with Service Pack 2. For complete system requirements, visit [www.adobe.com/products/audition/systemreqs.html](http://www.adobe.com/products/audition/systemreqs.html).

**Q: Does Adobe Audition 2.0 support hyperthreading and multiple processors?**

**A:** Yes. Adobe Audition intelligently assigns processing loads to multiple CPUs.

**Q: Does Adobe Audition 2.0 support AMD processors?**

**A:** Yes. Adobe Audition 2.0 works with AMD processors that support the SSE instruction set.

**Q: Does Adobe Audition 2.0 support 64-bit processors?**

**A:** Yes, Adobe Audition 2.0 works on 64-bit processors.

**Q: What kind of sound card do I need to use Adobe Audition 2.0?**

**A:** Adobe Audition 2.0 works with any sound card with a Windows-standard DirectX driver or an ASIO driver. This means you can use Adobe Audition with interfaces integrated on motherboards all the way up to professional multitrack interfaces. It is highly recommended that you use sound card interfaces that support ASIO drivers.

**Q: What can I expect if I have a computer with the minimum system requirements?**

**A:** Adobe Audition is used for a wide range of tasks in many different industries, from straightforward wave editing to recording and mixing complex multitrack sessions, which makes it impossible to settle on a single system suggestion for all users. The minimum system requirements are appropriate for those who would like to use the wave editing features of Adobe Audition, including cut/copy/paste editing and applying effects in the Edit View, burning CDs, or creating simple multitrack sessions. If you would like to create large multitrack sessions or use the advanced features of Adobe Audition, such as recording on multiple tracks, automation, sends, or real-time effects on tracks, buses, and the master fader, we recommend a Pentium 4 processor (or equivalent) with a 1GB of RAM, an ASIO-compliant sound card, and one or more fast hard drives.

**Q: How many real-time effects can I run on my system?**

**A:** The amount of CPU power required to run an individual effect varies greatly. The effects in Adobe Audition can be put into one of four CPU-use categories: high, moderate, low, and very low. Here is a list of the effects in each category and guidelines for using them:

**High CPU usage:** Multiband Compressor, Chorus, Full Reverb, Reverb, Center Channel Extractor, Notch Filter, Pitch Shifter. Use sparingly, one or two in a real-time session, or

freeze tracks that have them applied (these effects are convolution based or use other CPU-intensive, high-quality algorithms).

**Moderate CPU usage:** Dynamics Processing, Flanger, Multitap Delay, Studio Reverb, Graphic EQ, Distortion. These can be used in moderation in real-time sessions, but we recommend freezing tracks when using more than a few at a time.

**Low CPU usage:** Hard Limiter, Echo, Graphic Phase Shifter, Parametric EQ. Most systems can run many of these at once.

**Very Low CPU usage:** Track EQ, Tube Modeled Compressor\*, Amplify, Channel Mixer, Delay, Stereo Expander, Stereo Field Rotate, Delay, Sweeping Phaser. Use as many as you would like—the CPU usage for each will be very small.

\* The Tube Modeled Compressor is available for no charge to registered users of Adobe Audition 2.0. If you have not registered, go to Help > Registration in Adobe Audition 2.0.

**Q: Who uses Adobe Audition?**

**A:** Adobe Audition 2.0 offers a versatile set of tools for producing exceptionally high-quality audio content. It is widely used by recording and mastering engineers and other professional recording studio users; garage bands, solo artists, and professional artists who want to record away from the formal studio; broadcast professionals, including spot producers, on-air personalities, and station managers; video professionals; and sound designers for both movies and games.

Other users rely on one or more of the specialized tools available in Adobe Audition. For example, audio restoration specialists use the Spectral Frequency Display to visually analyze, isolate, and repair audio. The addition of the free-form Lasso tool gives you more flexibility to make selections of any shape, in addition to using the Marquee tool for rectangular selections.

DJs and remixers use Adobe Audition for looping, mixing and matching songs, matching volumes, and matching tempos. Scientists use Adobe Audition for its analysis tools, including frequency and phase analysis, statistics, and spectral plotting. In addition, law enforcement agencies use Adobe Audition to clean up surveillance recordings.

Because it is easy to use, Adobe Audition 2.0 is also used to edit audio for business presentations, instructional audiotapes, podcasts, and many other types of audio.

**Q: As part of Adobe Production Studio Premium, how does Adobe Audition 2.0 fit into video production workflows?**

**A:** The high-quality professional audio editing tools in Adobe Audition are a great match for the video professional. Adobe Production Studio Premium users can use the Edit in Adobe Audition command in either After Effects or Adobe Premiere Pro to quickly launch Adobe Audition when you want to edit any audio clip or the audio component of any video clip, regardless of the clip's original authoring application. After your edits are complete, save the file in Adobe Audition and it will automatically update in After Effects or Adobe Premiere Pro. Users can import AVI, MPEG, native digital video (DV), and Windows Media Video (WMV) files, and then watch them as they sweeten the soundtrack; video tracks appear with multiple thumbnails, making it easy to synchronize audio with specific frames in the video.

Markers in Adobe Premiere Pro 2.0 AVI files import into Adobe Audition. Built-in looping tools and royalty-free loop content are perfect for sound bed creation, and powerful noise reduction tools are great for cleaning up poor-quality audio, including unwanted noise from wireless microphones and DV cameras. Adobe Audition can also be used for dialog replacement, sound effects, sweetening, mixing, and many other aspects of video soundtrack creation. Users can also import audio (WAV) files into Adobe Premiere Pro or After Effects projects, and then use the Edit Original command to open either the WAV or session file (requires After Effects 6.0 or later) in Adobe Audition, and VST effects can be shared between Adobe Premiere Pro 2.0 and Adobe Audition 2.0.

## System Requirements

- Intel® Pentium® III or 4 or Intel Centrino (or other SSE-enabled) processor (Pentium 4 or other SSE2-enabled processor required for video)
- Microsoft Windows XP Professional or Home Edition with Service Pack 2
- 256MB of RAM; 512MB for video work (1GB recommended)
- 700MB of available hard-disk space (5.5GB of available hard-disk space recommended for installing optional audio clips)
- 1,024x768 display (1,280x1,024 recommended)
- Sound card with DirectSound or ASIO drivers (multitrack ASIO sound card recommended)
- CD-ROM drive (DVD-ROM drive recommended for installing optional audio clips)
- CD-RW drive for audio CD creation
- Speakers or headphones recommended
- Internet or phone connection required for product activation and Internet-related services

## Q: Adobe Premiere Pro also includes some top-notch audio features. If I have Adobe Premiere Pro, do I need Adobe Audition too?

**A:** Both products offer outstanding support for audio, and many of their features are complementary. The audio tools in Adobe Premiere Pro are specifically designed for editing video soundtracks. Adobe Audition offers a more comprehensive and flexible audio toolset that is versatile enough to be used by both professional recording artists and video professionals. With Adobe Audition, you can record multitrack sessions, edit audio files using sample-accurate tools, create original music using loops, mix an unlimited number of audio tracks, and work with powerful DSP and analysis tools, including DirectX and VST effects. Adobe Audition was built from the ground up for digital audio mixing and editing, so it's the best choice for demanding audio projects.

## Q: Is Adobe Dynamic Link also included with the individual products that make up the Adobe Production Studio Premium and Standard editions?

**A:** No. Through the capabilities of Adobe Dynamic Link, the Adobe Production Studio offers users an integrated and efficient workflow between Adobe Premiere Pro 2.0, Adobe After Effects 7.0, and Adobe Encore® DVD 2.0 software. This feature is uniquely available to Adobe Production Studio owners.

## Q: Will Adobe Dynamic Link become available as a separate product?

**A:** No. Adobe Dynamic Link will only be available as an integral part of Adobe Production Studio Premium and Standard.

## Q: Whom should I contact if I have questions?

**A:** In North America, contact Adobe Customer Service at 800-833-6687. For all other areas, visit [www.adobe.com/support/intlsupport.html](http://www.adobe.com/support/intlsupport.html) to find out how to contact a local Adobe Customer Service representative. Licensing customers should contact their Adobe License Center.

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