



# Logic Pro 7

## Frequently Asked Questions

### Basic Questions

**Q: What is Logic Pro?**

**A:** Logic Pro 7 is the complete professional solution for music creation and audio production. It combines an award-winning sequencing and audio workstation application with a comprehensive set of software instruments and plug-ins, state-of-the-art loop composition tools, and the ability to utilize networked computers for additional processing power. With Logic Pro 7, you can take on any task in the pro audio workflow.

**Q: How much does Logic Pro 7 cost?**

**A:** The suggested retail price for Logic Pro 7 is US\$999.

**Q: If customers have a previous version of Logic, can they purchase an upgrade?**

**A:** Previous owners of the following products can purchase an upgrade for US\$299:

- Logic Pro 6
- Logic Gold 5 or 6
- Logic Platinum 5 or 6

**Q: Can customers upgrade a Logic Express or Logic “Big Box” version to Logic Pro 7?**

**A:** Yes. The following products can be upgraded to Logic Pro 7 for US\$699:

- Logic Express 6
- Logic Audio (version of Logic that shipped with “Big Box” bundle package)

**Q: Are there volume licenses for Logic Pro 7?**

**A:** Yes. When purchasing five or more copies, the price per unit becomes US\$899.

**Q: Is there maintenance for Logic Pro 7?**

**A:** Yes. When purchasing five or more copies of Logic Pro 7, customers qualify to purchase five or more seats of maintenance.

**Q: What is the price of maintenance?**

**A:** When purchasing five or more seats, the price per unit is US\$899 per seat for three years from the date of purchase.

**Q: Is there educational pricing?**

**A:** Yes. Educational institutions and individuals can purchase copies of Logic Pro 7 at a discounted price. Students and staff can purchase individual copies of Logic Pro 7 for US\$499. Educational institutions can purchase copies of Logic Pro 7 for US\$299.

**Q: What are the system requirements for Logic Pro 7?**

**A:** These are the system requirements:

- Macintosh computer with PowerPC G4 or faster processor (G5 or dual G4 processors recommended) and 512MB of RAM; Logic node application requires PowerPC G5 and Gigabit Ethernet connectivity
- Mac OS X v10.3 or later
- 4GB of available hard drive space
- DVD drive for software installation
- Available USB port for XSKey (copy protection)
- Low-latency multi-I/O audio hardware and MIDI interface recommended
- Other requirements may apply if using a Digidesign Pro Tools HD system; Please reference Digidesign requirements if that is the case

**Q: Is it true that customers need a piece of hardware, a USB device, plugged into their computer to use this software?**

**A:** Yes, there is a USB device, called an XSKey, which is used to provide copy protection for the software.

**Q: What does this XSKey do?**

**A:** It provides copy protection for the application.

**Q: Can customers run the application without it?**

**A:** No.

**Q: Do customers need to have the XSKey plugged in whenever they use the application or just when they install it?**

**A:** The XSKey must be plugged in whenever running the application.

**Q: What happens if a customer loses the XSKey?**

**A:** Replacement XSKeys will be available but the exact policy for replacing lost or stolen XSKeys is up to AppleCare to decide and administer.

**Q: Does a VLA customer need a dongle for every licensed computer that will run this application?**

**A:** Yes.

**Q: Can the same dongle be used on more than one computer?**

**A:** Yes. The dongle holds the license and moves with the XSKey. It will therefore work on any computer that has Logic Pro installed.

**Q: What happens if customers want to change which computers will run the application under the terms and limits of their license?**

**A:** Customers are not restricted in any way as far as how many computers the XSKey can be used with. The very nature of the XSKey prohibits it from being used on multiple machines simultaneously, so there is no need to restrict the number of computers it can be used on.

**Q: How does the XSKey work?**

**A:** Logic Pro 7 checks at launch whether the XSKey is attached and properly authorized to run that version. The XSKey that comes in the Logic Pro 7 package is fully authorized, so a user simply has to install the software, plug the XSKey into an available USB port, and launch the application.

**Q: If customers purchase an upgrade, how will they get a new XSKey or upgrade their existing one?**

**A:** The existing XSKey will get authorized to run Logic Pro 7. If the computer on which Logic Pro 7 is installed has an active Internet connection when Logic Pro is launched, this will happen automatically in a matter of seconds. If it does not, and cannot be connected to the Internet, then there are additional options for authorizing the XSKey. The detailed procedures for each possible option are outlined below:

If the Macintosh computer running the application can also be on the Internet:

1. Install software
2. Insert the XSKey into an available USB port
3. Launch Logic Pro 7
4. When the 'Welcome to Logic Pro 7' dialog comes up, enter an "Activation Code" into the field and hit 'OK'.  
[NOTE: If the user is upgrading from the Express/Big Box upgrade, they will enter either their previous XSKey # at this point, or their Logic Express 7 serial number.]
5. After a short time (much less than a minute depending on Internet connection), the user will see a 'Congratulations, your XSKey has been authorized' dialog and be able to click through to the application.
6. Subsequent launches will now go directly to the application.

If the Macintosh computer running the application is NOT on the Internet:

1. Install software.
2. Insert the XSKey into an available USB port.
3. When the 'Welcome to Logic Pro 7' dialog comes up, enter an "Activation Code" into the field and hit 'OK'.  
[NOTE: If the user is upgrading from the Express/Big Box upgrade, they will enter either their previous XSKey # at this point, or their Logic Express 7 serial number.]
4. The user will be presented with a dialog informing them that the XSKey is now temporarily activated for 28 days. This grace period allows users to access the new version immediately and provides them plenty of time to permanently authorize their XSKey either by connecting the computer that is running Logic to the Internet, or by following the next few steps.
5. Browse to [xskey.apple.com](http://xskey.apple.com) on a computer that is connected to the Internet.
6. Enter the XSKey serial number and Activation Code (found on Install Your Software guide) in the correct fields and click "Get Authorization Code" button.
7. After a short time (much less than a minute), the website will deliver a page with an "Authorization Code".
8. Launch the application and click the "Authorize Manually" button in the opening dialog.
9. Enter the Authorization code received in the previous part of the process. This will authorize the XSKey permanently.
10. Subsequent launches will now go directly to the application.

If the user has no way to access the Internet, then they can call AppleCare to request an Authorization Code. (AppleCare will just perform steps 5-7 above to generate the necessary code.)

## Features and Functionality

**Q: What is special about Logic Pro 7?**

A: Logic Pro 7 is a significant upgrade from the prior version.

**It's the most comprehensive package available.**

It provides the most comprehensive set of professional music creation and audio production tools sold in a single package. It would cost a user thousands of dollars more than Logic Pro 7's retail price to assemble a similarly complete package by combining various software instrument and effect plug-in collections with a competing digital audio workstation application.

**It's truly professional.**

Logic Pro 7 turns the Macintosh into a professional digital audio workstation that meets the highest demands for audio quality. It supports audio at 16- and 24-bit resolution and sample rates of up to 192kHz for both audio recording and playback of internal software instruments. Internal signal processing is based on 32-bit floating-point mathematics. This provides enormous headroom for internal processing, making it nearly impossible to overload the signal.

**Q: What is a "digital audio workstation"?**

A: Traditionally, a digital audio workstation was a multi-track audio recording and editing device, but this term has evolved to refer to products like those that also include MIDI sequencing functionality. In the case of Logic Pro, the definition could be expanded even further to include its professional scoring features and huge bundled collection of software instruments and effect plug-ins.

**Q: Can Logic Pro 7 run on a Power Mac G4?**

A: Yes. The limitation is primarily in how many software instruments and plug-ins can be used in real-time. The difference between a G4 and G5 is quite dramatic in this respect, so it is always best to recommend strongly that a user purchasing a new desktop computer select a G5-based system.

**Q: What is the Logic Node application?**

A: It is a small application that facilitates the distributed audio processing functionality. Any Macintosh running this application will be seen over the network by Logic Pro 7 as a system whose processing resources are available for use.

**Q: Can the Logic Node application run on a G4 computer?**

A: Technically it can, but the relative benefits are exponentially lower than when a G5-based machine is utilized. The quality assurance team has therefore limited testing of the distributed audio processing to G5 machines only. The result is that we cannot guarantee the performance and stability of this system when G4-based nodes are being used.

**Q: How many plug-ins come with Logic Pro 7?**

A: Logic Pro 7 features 34 software instruments, including Sculpture, a component modeling synthesizer, UltraBeat, a modern beatbox; EFM1, a simple to program FM Synthesizer; all 20 GarageBand instruments; ES1, EFM1, ESM, ESP, and ESE synthesizers; EXSP24 mk II sample player; and 40 effect plug-ins, including Guitar Amp, Preset Multipressor, PlatinumVerb, Compressor, Bitcrusher, AutoFilter, Phaser, and more.

**Q: How many inputs can Logic Pro 7 record simultaneously?**

A: Logic Pro 7 can record up to 64 channels simultaneously, given the appropriate hardware setup.

**Q: Does Logic Pro 7 support Apple Loops?**

A: Logic Pro 7 adds full support for Apple Loops with a professional version of the loop browser found in GarageBand. Logic Pro 7 also makes it easy to convert any audio region into an Apple Loop by using the Soundtrack Loops Utility.

**Q: My customer has a MIDI knob and fader box. Can Logic Pro 7 make use of these types of devices?**

A: Logic Pro 7's new Controller Assignment feature makes it easy to assign hardware MIDI controllers to effect and instrument plug-in parameters.

## Compatibility

**Q: Can users open their GarageBand songs in Logic Pro 7?**

A: Logic Pro 7 can now open GarageBand songs. All audio regions and loops show up just as they were in GarageBand.

**Q: Can users see their GarageBand instruments in Logic Pro 7?**

A: Yes. GarageBand and Jam Pack instruments are accessible from within Logic Pro 7. Users will find them in the Channel Strip menu.

**Q: Can users open Soundtrack projects in Logic Pro 7?**

**A:** Logic Pro 7 does not provide support for Soundtrack projects.

**Q: Is there a way to migrate audio tracks between Final Cut Pro and Logic Pro?**

**A:** Yes. Logic Pro 7 can now import or export Final Cut Pro XML files. When importing, the audio files, their regions, and the positions of those regions in the track will come across completely intact. When exporting, Logic Pro 7 will perform a bounce of each track before creating the XML file.

**Q: Does Logic Pro 7 work with third-party plug-ins?**

**A:** Logic Pro 7 supports Apple's Audio Unit plug-in format and, if customers own Digidesign's high-end Pro Tools HD system, the TDM plug-ins as well.

## Positioning Statements

**Q: How does Logic Pro 7 compare with Logic Express 7?**

**A:** Logic Pro 7 is designed for the highest level professional and therefore offers the entire collection of software instruments and effect plug-ins that have been developed for this product. Sculpture, UltraBeat, Guitar Amp Pro, and the range of new mastering tools lead the pack in this department.

**Q: What are the most important features in Logic Pro 7?**

**A:** These are some top features to highlight:

<b>Distributed Audio Processing</b>	Combine the processing power of multiple machines on a network.
<b>Effects</b>	Process your mix with an exhaustive collection of 70 professional effect plug-ins.
<b>Software Instruments</b>	Compose with your choice of 34 expressive software instrument plug-ins.
<b>Sculpture</b>	Use a component modeling synthesizer that recreates the way sound is generated in a natural environment.
<b>UltraBeat</b>	Enjoy an elaborate drum synthesizer and step sequencer.
<b>Guitar Amp Pro</b>	Dial up sweet guitar tones with this deeply programmable guitar amp plug-in.
<b>Apple Loops</b>	Select from more than 1,000 Apple Loops to add color to any song.
<b>Multi-track Input/Output</b>	Input and Output channels are only limited by audio hardware.
<b>Automation</b>	Record control settings for mixing, effects, and software instruments.
<b>Notation</b>	Create, edit, and print music scores with comprehensive notation editor.
<b>Track Mixer</b>	Record, mix, and adjust on up to 255 stereo tracks on 64 audio buses.
<b>MIDI Editing</b>	Enjoy fine control of MIDI editing and processing.
<b>Customization</b>	Customize your setup with user-definable key and MIDI commands.
<b>Professional Audio</b>	Edit with high-definition audio resolution of up to 24-bit/192kHz.
<b>Virtual Studio</b>	Layer up to 64 simultaneous software instrument tracks.
<b>Recallable Channel Strips</b>	Save and load complete complex plug-in configurations.