

# Welcome to Peak™ 3.21!

Welcome to the Peak™ 3.21 digital audio editing and mastering package! This read-me file provides you with the latest up-to-date information about your installation.

## IMPORTANT INSTALLATION NOTES

February 14, 2003

### Notes for running Peak 3.21 under Mac OS 8.6-9.2:

1. BIAS recommends OS 8.6 or later for use with Peak 3.21. You may need to update your version of CarbonLib to 1.4 or later. You can download the CarbonLib installer at [www.apple.com](http://www.apple.com).
2. Peak 3.21 requires that you have QuickTime 3.0 or later installed and Apple's Sound Manager 3.3 or later. Be sure to use the Recommended install of QuickTime, not the Minimum install. Sound Manager 3.3 is installed as part of QuickTime 3.0 or later. Make sure QuickTime PowerPlug is installed as well.
3. Peak 3.21 requires Open Transport. Please make sure it is not turned off in your Extensions Manager or with Conflict Catcher™.
4. Please always leave about 300-500k free for the Sound Manager to allocate sound channels. This means that you should set Peak's application RAM in the "Get Info.." window from the Finder to approximately 500k less than the total free RAM reported in the "About This Macintosh" window from the Finder. For instance, if your Macintosh has 14MB free in the "About This Macintosh" Dialog, you can set Peak's application RAM up to 13.5MB in "Get Info..." window from the Finder.
5. Peak 3.21 also needs the Applescript, AppleScriptLib, Shared Library Manager, and Shared Library Manager PPC extensions to be active in your extension set.
6. Throw out any old Peak Preferences file in the Preferences Folder in the System Folder.

### Notes for running Peak 3.21 under Mac OS X:

1. Peak requires OS X.1 or later and will not work with earlier versions of Mac OS X. We strongly recommend using OS X.2.4 or later, because of several improvements made to CoreAudio.
2. We do not recommend launching Peak 3.21 in Classic mode.

### Notes for users running under both Mac OS 8.6-9.2 AND Mac OS X:

Peak 3.21 has separate applications for use under OS 8.6-9.2 and OS X. Be sure to run both installers if you plan to use Peak on both OS 8.6-9.2 and OS X.

### Once Peak 3.21 is installed on your hard drive:

Put any ASIO drivers you plan to use with Peak in the folder named "ASIO Drivers". Put any VST plug-ins you plan to use in the folder called "VstPlugIns". If you are using Peak for OS X, you should place VST plug-ins in one of these locations:

- /userhome/Library/Audio/Plug-Ins/VST/ (recommended), or
- /Library/Audio/Plug-Ins/VST/, or
- the VstPlugIns folder in Peak's application folder (not recommended on OS X)

Note Peak does not read VST Plug-ins stored inside folders inside any of the folders listed above. Alternatively you

can use Vbox 1.21 to access plug-ins stored in a folder hierarchy.

Make sure you read your ASIO driver and VST plug-in instructions for any additional installation steps that may be necessary.

Peak 3.21 only supports VST plug-ins when using ASIO or CoreAudio driver for audio output.

### **Functional Differences between Peak 3.21 on Mac OS X.1 versus Mac OS 8.6-9.2:**

There are some differences in features between Peak for OS 8.6-9.2 and Peak for OS X because of the differences in capabilities of the newer operating system and the older operating system. These differences are described below.

#### **VST**

Peak 3.21 requires VST plug-ins to be carbonized if they are to be used with Peak 3.2 on OS X.1. Peak 3.21 can access both carbonized and non-carbonized VST plug-ins when used under OS 8.6-9.2. Contact your plug-in manufacturer for availability of carbonized versions of their plug-ins. BIAS Freq, for example, is a VST plug-in that is carbonized. As of Peak 3.2, Peak supports both CFM and Mach-O format VST plug-ins.

#### **ASIO**

Peak 3.21 for OS 8.6-9.2.X allows you to use ASIO drivers to record and playback audio when Peak 3.21 is used under OS 9. ASIO technology is incompatible with the newer driver model in OS X.1 called CoreAudio.

#### **CoreAudio**

Peak 3.21 for OS X allows you to use CoreAudio for playback when Peak used under OS X.1. Peak will play audio through the default CoreAudio device selected in the Sound System Preference Panel. CoreAudio has numerous advantages, including low latency, shared drivers across applications, high bit-depths and sample rates, etc.

#### **GUI**

The Graphical User Interface (GUI) for Peak 3.21 looks slightly different when Peak is used on OS X.1. The OS X.1 GUI incorporates new OS X large application icons, and more of an aqua look and feel across the GUI. Examples are the transport button highlight colors, transport meters, and pin-striped theme backgrounds.

#### **Import CD**

There are fewer features when importing CDs when Peak 3.21 is used on OS X.1. This is because the file system on OS X.1 handles CD reading, while on OS 9 CD importing is handled by a QuickTime component that allows previewing and selecting portions of audio tracks to import from the CD.

### **Known Issues:**

- When a Griffin iMic is first connected to an OS X system, its output volume defaults to zero. We recommend that you use the OS X Sound System Preference panel to set the iMic's output volume before using the device with Peak.
- A carbonized version of the Freeverb plugin, freeverb-c, is included with Peak 3.21. Presets from the non-carbon Freeverb will not load in freeverb-c.
- If you experience audible artifacts (i.e. pops and clicks) during playback, record-monitoring, or recording, we suggest that you adjust your audio hardware's buffer size setting as well as Peak's Playback and CoreAudio (OS X only) buffer size setting(s). Use your audio I/O's control panel to access its hardware buffer size settings. Larger buffer size settings decrease CPU load, and can help alleviate the causes of pops and clicks. Optimal settings will vary depending on CPU speed, amount of RAM, type of I/O, etc.

## **BIAS Product Support:**

**Unlimited Complimentary Self Help Options**

If you have questions about installing or using your BIAS products, please check the manual or user guide first, you will find answers to most of your questions there. If you need further assistance, please check support at:

<http://www.bias-inc.com/support.html>

for frequently asked questions, an extensive database of related articles, troubleshooting tips, and more.

### **Limited Complimentary Technical Assistance**

Ninety days of technical support assistance for up to three incidents is available with the initial purchase of Type 1 BIAS products (Peak, Peak TDM, and Deck). Ninety days of technical support assistance for a single incident is available with the initial purchase of Type 2 BIAS products (Peak DV, Peak LE, Deck LE, Vbox, Super Freq). Type 3 products (OEM versions) are ineligible for Complimentary Technical Assistance. Thirty days of technical support assistance for a single incident is available with the purchase of paid upgrades to Type 1 and Type 2 BIAS products. The support period begins when the product authorization code (PAC) is initially issued following the product registration.

To receive e-mail or telephone technical support, you will need a valid serial number and must be registered for a current BIAS product. Please keep your original product serial number and PAC in a safe place as it will be required for support.

For customers preferring e-mail assistance, please send an email to [support@bias-inc.com](mailto:support@bias-inc.com).

For customers preferring telephone assistance, (connect and toll charges apply), please have your computer running and close by the phone and call us at:

+1-707-782-1865  
9AM-5PM Monday-Friday PST – excluding BIAS holidays

### **Fee-based Technical Support Options**

Fee-based Support is available for those customers whose support period has expired or for Type 3 (OEM version) customers.

Please call:

+1-707-782-1865  
9AM-5PM Monday-Friday PST – excluding BIAS holidays

For customers living outside of North America, please check the BIAS website for your local distributor, or contact BIAS directly:

<http://www.bias-inc.com/distributors.html>

### **BIAS Support Policy and Hours**

BIAS, Inc. support policy and hours are subject to change without notice.

For orders, call 1-800-775-BIAS or +1.707.782.1866 international.

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Visit our web site for technical support, support files, upgrades, and more:  
<http://www.bias-inc.com>

### **Peak 3.21 New Features and Bug Fixes**

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- Peak 3.21 handles opening AIFC and files without types and creators more gracefully
- Peak 3.21 fixes a problem where registration information could be asked for again after a change in network configuration.
- Peak 3.21 fixes a problem where text in the envelope editor windows was unreadable.
- Peak 3.21 fixes a problem where opening and closing SoundSoap more than once that could cause a crash.

### **Peak 3.20 New Features and Bug Fixes**

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- Peak 3.2 now has a separate application for OS 8.6-9.2 and another for use on OS X. Peak 3.2 for OS X is now a Mach-O application and is subsequently even faster.
- Peak 3.2 fixes a problem restoring custom defined user colors.
- Peak 3.2 fixes a problem where the toolbar could gradually move downward between launches.
- Peak 3.2 fixes a problem where it was impossible to encode AAC and other compressed formats through the Batch File Processor.
- Peak 3.2 fixes a problem where the "Allow Network Servers" option in the Scratch Disks dialog was ignored, causing a permissions error to frequently appear when Network volumes were mounted.
- Peak 3.2 for OS X now looks in the System and User Domains for VST Plug-Ins stored in /Library/Audio/Plug-Ins/VST/
- Peak 3.2 fixes a problem where the Playback dialog's volume slider did not affect the Sound Manager audio output.
- Peak 3.2 fixes a problem where the "Processor Cycling" warning could appear when the option was in fact not on or available.