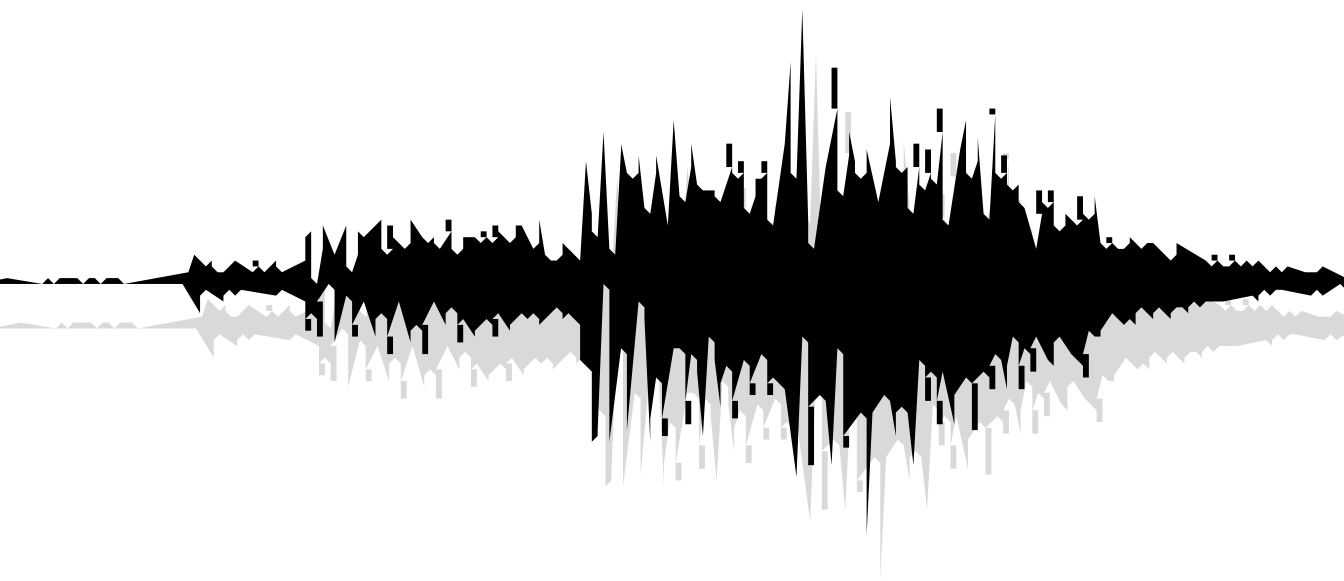


Chapter 2

Installing & Configuring Peak



Chapter 2: Installing & Configuring Peak

Installing Peak

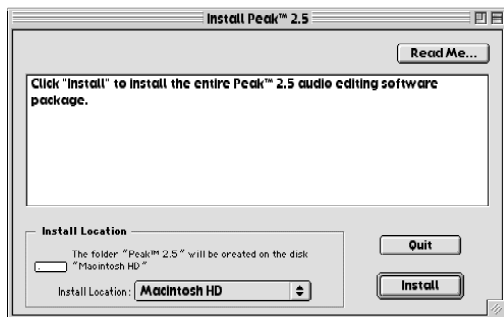
Peak's auto-installer software makes installation very easy.

Your complete Peak system consists of:

- CD-ROM Installer
- Peak serial number and Product Authorization Code (PAC)



Before you install Peak, please check the Minimum System Requirements on Page 4 of this Users Guide.



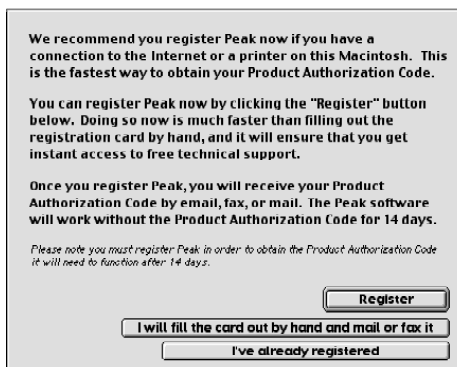
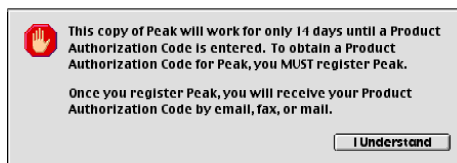
The Installer dialog

To install Peak:

1. If you are using any virus-protection software, turn it off or temporarily remove it, and restart your Macintosh.
2. Insert the Peak Install CD-ROM in your CD-ROM drive, open the Product Installers folder, and

double-click the Install Peak icon.

3. When the Installer dialog appears, read the Read Me for late-breaking information concerning the Installer, then click Continue to proceed.
4. Select where you would like to install Peak, using the Switch Disk pop-up menu.
5. Click Install at the bottom right of this dialog.
6. After you have clicked Install, follow the on-screen instructions. Peak will be installed into a folder named Peak 2.5 on your selected hard disk.
7. At the end of the installation, the installer will allow you to register Peak electronically, which you may find more convenient than mailing your registration card.



8. When the installation is complete, a message will appear indicating that the installation was successful. Click Quit to quit the Installer, or click Continue to install additional copies (don't forget to turn back on any virus-protection software that you may be using the next time you restart the computer).

! *If you don't register Peak, you will not be eligible for technical support and you won't be notified about updates, upgrades and other important news from BIAS!*

What Peak installs:

The installer installs the following control panels, extensions, and preferences in the System folder:

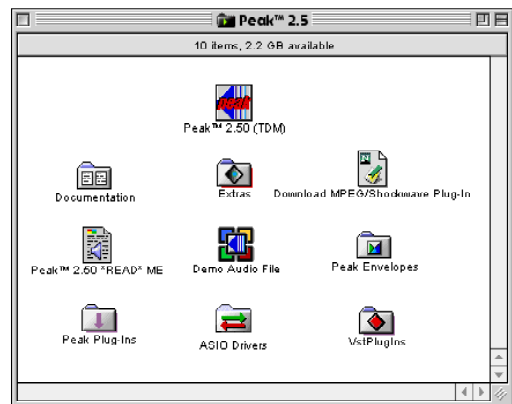
- MSL C.PPC.DLL (extensions)
- MSL RuntimePPC + +.DLL (extensions)
- MSL RuntimePPC.DLL (extensions)
- RealAudio (extensions)
- CDDBLib (extensions)
- Ray Gun-Presets (preferences)
- SFX Machine Presets (preferences)

The Peak 2.5 installer also installs the following if your Macintosh is running an operating system prior to OS8.5:

- Appearance (control panels)
- .Keyboard (fonts)
- Appearance Extension (extensions)

Inside the Peak 2.5 folder it installs:

- ASIO Drivers (folder)
- Demo Audio File (audio file)
- Documentation (folder containing Netscape bookmark)
- Download MPEG/Shockwave Plug-In (Netscape bookmark)
- Extras (folder)
- Peak Envelopes (folder)
- Peak Plug-Ins (folder)
- Peak 2.50 *READ* ME (teachtext doc)
- Peak 2.50 (TDM) (application)
- VstPlugIns (folder)

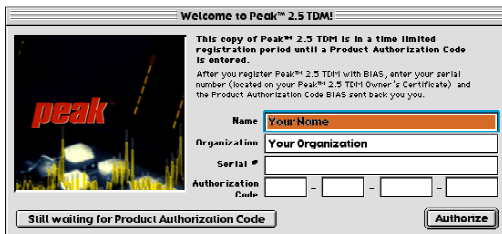


The Peak™ 2.5 folder

Authorization

Peak must be authorized to work on your Macintosh. To authorize Peak, you will need your Product Authorization Code (PAC) in addition to the serial number that appears on your Peak Owner's Certificate. BIAS will provide you with your Product Authorization Code when you register Peak. *You must register Peak in order to obtain your Product Authorization Code; Peak will not launch after the 14 day registration period unless you authorize Peak with your Name, Organization, Serial Number, and Product Authorization Code!*

When you first launch Peak, it will prompt you to authorize it by entering your Name, Organization, Serial number, and Product Authorization Code.



The Peak Authorization dialog



Send in Your Registration Card! After you have installed Peak, please send in the Registration Card included with your software to receive your Product Authorization Code, free technical support, software updates and notification of upgrades.

Peak will run, fully functional, in Registration Mode for 14 days. This allows you the time necessary to register your product and get the Product Authorization Code from BIAS.

Making Audio Connections

While it is possible to listen to Peak using a Macintosh's built-in speaker (or headphones, as might be the case with a PowerBook), most people will prefer to listen through a better quality external speaker system.

It is very easy to set up audio connections between your Macintosh and a mixer or speaker system. Your exact setup will differ slightly depending on whether you are using the built-in sound input and output connectors on your Macintosh, or those of a plug-in audio recording/playback card. Instructions for each case are given below.

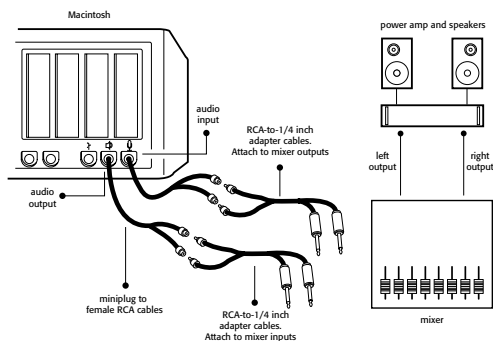
Using the Macintosh's Built-in Inputs and Outputs

If you wish to use your Macintosh's built-in audio inputs and outputs for recording and playback, do the following:

1. Turn down the volume on your playback system. Peak can be used with a variety of playback systems, including:
 - a stereo receiver or amplifier and speakers
 - a mixer, amplifier, and a pair of speakers
 - a mixer and a pair of amplified (self-powered) speakers
 - or simply a pair of amplified (self-powered) speakers, smaller versions of which are often called "multimedia" speakers.
2. Connect your audio source output to the Macintosh's audio input connector. Your audio source can be one of a variety of devices, such as:
 - a cassette or DAT deck output
 - a mixer output

- a stereo receiver line output (such as “tape deck record” output)
- an instrument line output (such as the output of a synthesizer).

The audio input jacks on most Macs are a standard mini-plug (1/8-inch) connector. Most source outputs are either 1/4 inch “phone” connectors or RCA connectors. To make this connection, you may need to use an 1/4-inch to mini-plug or RCA to mini-plug cable or adapter.



! *For advanced users: Certain professional mixing consoles, DAT decks, or other audio sources may have a nominal output level of +4dBu, whereas the Macintosh expects to see a nominal -10dBu level. Be aware that you may need to adjust your mixers output levels accordingly to prevent overloading the Macintosh's input; or alternately, you may need to use a “+4 to -10” line-matching transformer.*

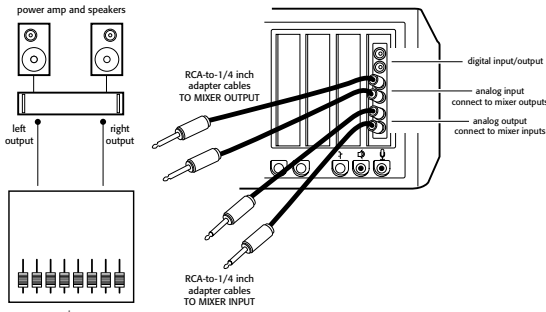
3. Connect your Macintosh's audio output to your playback system's input. The Macintosh's audio output jack is a standard stereo mini-plug (1/8-inch) connector. Most mixer, receiver, and amplified speaker inputs are equipped with 1/4-inch, RCA, or mini-plug jacks. To make this connection, you may need to use a mini-plug to 1/4-inch or mini-plug to RCA cable or adapter.

4. Raise the volume on your mixer or playback system. Your system should now be properly configured and ready for recording and playback.

PCI and PCMCIA Audio Cards

If you have a Sound Manager-compatible record/playback card (such as the Digidesign AudioMedia III or the MOTU PCI-324) or ASIO compatible (such as the Yamaha DSP Factory or the Digigram VX Pocket) installed in your computer and wish to use its input and output capabilities instead of your Macintosh's built-in capabilities, do the following:

1. Turn down the volume on your mixer or playback system.
2. Make sure that you have installed the plug-in audio card into one of the available expansion slots inside your Macintosh. If you are not sure how to do this, please refer to the instructions that came with your Macintosh and the audio card itself.
3. Install the Sound Manager and/or ASIO drivers for your sound card. Please refer to the installation instructions for your sound card on how to do this.
4. Connect your mixer's output to the audio cards input connectors. (Some audio cards have an external interface box which contains the input connectors.)
5. Connect your audio cards outputs to your mixer's (or playback systems) input. Note that some audio expansion cards have an external interface box which contains the output connectors.
6. Raise the volume on your mixer or playback system. Your system should now be properly configured and ready for recording and playback.



! A typical mixer/computer configuration is to have the computer outputs go to channel inputs on your mixer and to have the auxiliary or bus sends from the mixer go to the inputs of the computer. Instruments you want to record you patch into other channel inputs on the mixer and you can then route them out the auxiliary or bus sends on the mixer to be recorded by the computer. The mixer's main outputs go to the amplifier/speakers.

Using the Inputs and Outputs of a Third-Party Audio Card

Peak supports many Sound Manager compatible, ASIO compatible, and DAE compatible third-party audio cards, including those made by Digidesign, Digigram, and Mark of the Unicorn. In order to effectively use these cards with Peak, you will need to make sure you have installed the sound manager drivers supplied by the manufacturer (the Peak installation disk includes Apple Sound Manager drivers for some hardware, though most hardware manufacturers include their own drivers). If you haven't already installed your sound cards sound manager drivers, please do so now. In most cases, you will need to place the card's sound manager driver extension in your System folder's Extensions folder. After you have done this, restart your computer.

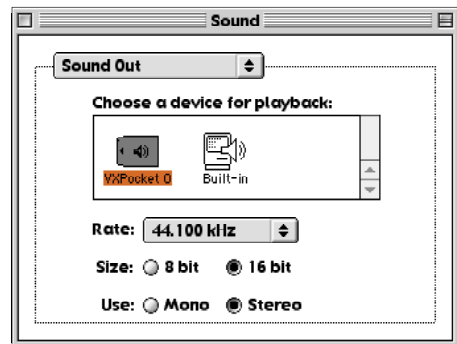
Please see Chapter 4: Playback and Recording for a detailed description of how to configure Peak to playback and record using the Apple Sound Manager.

If your sound card also has an ASIO 1.0 driver or a backwards compatible ASIO 2.0 driver you will want to put it into Peak's ASIO Drivers folder.

If you have Digidesign hardware that supports DAE 3.4.x or Digidesign TDM hardware that supports DAE 3.4.x or later, you will want to be sure to install the correct version of the DAE and the DigiSystem Init as well as the Digidesign Sound Manager Drivers.

To use a third-party audio card's outputs for previewing Premiere-format plug-ins, the Open dialog, and the Import CD Audio dialog:

1. Choose Sound Out from the Sound Control Panel pop-up menu.
2. Select audio card (Digigram's VX Pocket is shown in this example) as the sound output device.



The Apple Sound Control Panel

3. Close the Sound window when you have finished.

! The settings you make in the Sound Control Panel's Sound Output panel will only affect playback through Premiere plug-ins, the Open dialog, and the Import CD Audio dialog. For playback, you will need to select your audio card in Peak's Sound Out menu.

ASIO and DAE

Peak 2.5 also supports ASIO 1.0 and DAE 3.4 or later. If you want to use Peak with your sound card via ASIO, place the ASIO driver for your sound card in the Peak ASIO Drivers folder. For DAE, simply install DAE 3.4 or later. For more detail on using Peak with ASIO and/or DAE supported sound cards, please read Chapter 4: Playback and Recording.

USB Audio Interfaces

Mac OS 9.0.4 supports USB Audio on iMacs, iBooks, B/W G3s, and G4s. Peak supports USB audio with interfaces such as the Roland UA-30.

Conclusion

Now that you have installed Peak and configured the Macintosh Sound Manager for recording and playback, proceed to the next chapter to learn several basic concepts and functions essential to using Peak.
