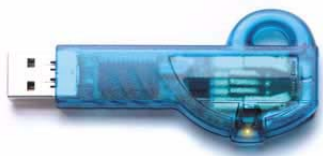


iLok Usage Guide for Pro Tools 6.7

iLok Technology

iLok USB Smart Key

The iLok USB Smart Key (iLok), manufactured by PACE anti-piracy, is a portable, cross-platform USB device designed for authorizing plug-ins and software options for Pro Tools systems. The iLok is similar to a dongle, but unlike a dongle, it is designed to securely authorize multiple software applications from a variety of software developers.



iLok USB Smart Key

This key can hold over 100 authorizations for all of your iLok-enabled software. Once an iLok is authorized for a given piece of software, you can use it to authorize that software on any computer.

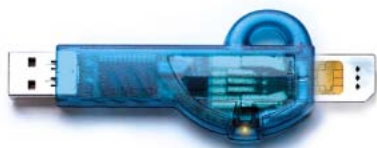
⚠ *The iLok USB Smart Key is not supplied with your plug-in. You can use the one included with certain Pro Tools systems (such as Pro Tools|HD-series systems), or purchase one separately.*

iLok License Card

License Cards are specific to each plug-in. You will receive the appropriate License Cards for the plug-ins that you purchase. License Cards have a small punch-out plastic chip called a GSM cutout, which is used to add authorizations to the iLok.



License Card with GSM chip



iLok USB Smart Key with GSM chip inserted

iLok.com Web Site

Authorizations can also be added to the iLok using the iLok.com Web site (www.ilok.com).

Software Authorizations and iLok


Updating iLok Drivers

To use iLok with Pro Tools, the appropriate software drivers, or PACE extensions, must be installed on the system. When you install Pro Tools software, the latest PACE extensions are automatically installed at the same time. Individual plug-in or software option installers do not include PACE extensions.


If a plug-in or software option requires a new version of a driver, it will automatically prompt you to download and install the new driver. For more information and to download the latest drivers, visit the PACE Web site (www.paceap.com).

Software Requiring an iLok for Authorization

With Pro Tools 6.0 and higher, all optional plug-ins and most software options from Digidesign and Digidesign Development Partners require an iLok for authorization, and will not recognize any previously installed floppy disk authorizations.

 *The Pro Tools application and the DigiRack plug-ins included with Pro Tools do not require an iLok for authorization.*

However, some Pro Tools software options may include both floppy disk-based and iLok License Card authorizations. In some cases you may choose either type as your authorization preference. In other cases, floppy disk-based authorization is provided for support of older Pro Tools systems (Pro Tools 5.3.x and lower). To determine which type of authorization to use, refer to the documentation for the software option.

 *For more information on authorizing Digidesign plug-ins and software options, visit the support section of the Digidesign Web site (www.digidesign.com). For more information on authorizing plug-ins and software options from other manufacturers, contact the manufacturers directly.*

Upgrading to Plug-Ins That Require an iLok for Authorization

If you upgrade to Pro Tools 6.1 and higher, and are a registered owner of Digidesign or Digidesign-distributed plug-ins or software options with floppy disk-based authorizations, you must create an iLok.com account in order to receive updated iLok authorizations from Digidesign. (For instructions for setting up an iLok.com account, see “Viewing and Adding Authorizations to an iLok with iLok.com” on page 6.)

When you register your Pro Tools 6.7 upgrade, Digidesign Customer Service will deposit applicable authorizations in your iLok.com account. You can then log onto iLok.com and move the iLok compatible authorizations from your iLok.com account to your iLok USB Smart Key.

iLok Support

See the iLok Web site (www.ilok.com) for details on supported operating systems.

Activating and Downloading Demo Authorizations to an iLok

Many iLok-compatible plug-ins can run in *demo mode*, which lets you use a plug-in for a time-limited trial period. Some of these plug-ins require an iLok USB Smart Key and a demo authorization in order to run in demo mode. iLok USB Smart Keys distributed with Pro Tools|HD systems are pre-loaded with demo authorizations for most Digidesign plug-ins that require them. If you do not have a pre-authorized HD iLok and need to add a demo authorization, you can download the authorization directly to your iLok from the Internet.

The following Digidesign and Digidesign-distributed plug-ins require an iLok USB Smart Key *and* a valid demo authorization when running in demo mode:

- Access Virus Indigo
- Bomb Factory plug-ins
- Line 6 AmpFarm
- Line 6 EchoFarm
- MDW Hi Res EQ
- Digidesign Bruno/Reso
- Digidesign DINR
- Digidesign Reverb One
- Digidesign ReVibe
- Sonic NoNOISE

Other Digidesign and Digidesign-distributed plug-ins will run in demo mode without an iLok USB Smart Key or a demo authorization.

Activating Demo Mode

You activate demo mode by choosing to start the trial period for a plug-in.

To activate demo mode for a plug-in:

- 1 Insert the iLok USB Smart Key into an available USB port on your computer.
- 2 Launch Pro Tools.
- 3 When you are prompted to try or authorize the plug-in, click Try. (If you click Quit, the trial period will not begin, and Pro Tools will continue to launch.)



Authorization dialog


When Pro Tools has launched, you are ready to use your plug-in in demo mode.

Downloading a Demo Authorization

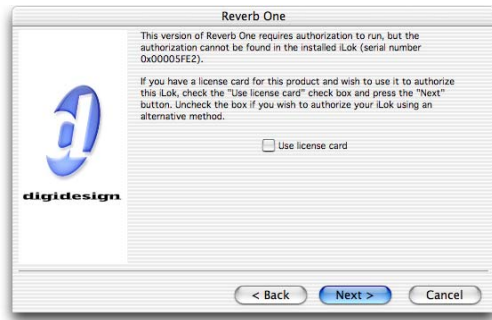
When you load a plug-in requiring a demo authorization and no demo authorization is present, you can download the demo authorization directly to your iLok.

To download a demo authorization and activate demo mode for a plug-in:

- 1 Insert the iLok USB Smart Key into an available USB port on your computer.
- 2 Launch Pro Tools.
- 3 When you are prompted to try or authorize the plug-in, click Try.

 *If you are not prompted to try the plug-in, quit Pro Tools and repeat the above steps, but without the iLok in the USB port. Pro Tools should then prompt you to insert the iLok and authorize the plug-in.*

- 4 Deselect Use License Card and click Next.



License card dialog

- 5 Select Internet activation, and click Next. You will be automatically connected to a Digidesign server, where you can sign in and start the download.



Demo activation dialog

When the download is complete, you are ready to use the plug-in in demo mode.

Adding Authorizations to an iLok with an iLok License Card

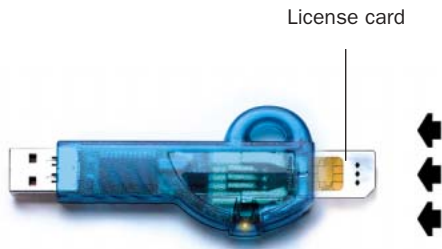
Once an authorization for a plug-in or software option is added to an iLok USB Smart Key, you can use the iLok to authorize that software on any supported computer.

To authorize a plug-in or software option with iLok:

- 1 Insert the iLok into an available USB port on your computer.
- 2 Launch Pro Tools. You will be prompted to authorize any installed unauthorized plug-ins or software options.


 *If you are already using a demo version of the plug-in, launch Pro Tools before you insert the iLok, then insert the iLok into any available USB port when prompted by Pro Tools.*

- 3 Follow the on-screen instructions until you are prompted to insert the License Card into the iLok.
- 4 Separate the GSM cutout from the larger protective card by pulling it up and out with your thumb. Do not force the cutout down with your finger.
- 5 Insert the GSM cutout into the iLok. Visually verify that the metal portion of the cutout makes contact with the iLok's metal card reader.



iLok with License card

- 6 Follow the on-screen instructions to complete the authorization process.
- 7 After the authorization has completed, remove the GSM cutout from the iLok. (If you have to remove the iLok from the computer to remove the cutout, be sure to re-insert the iLok in any available USB port on your computer when you are finished.)

 *For instructions on authorizing a specific plug-in or software option, refer to the documentation included with the software. For additional information about plug-ins and their operation, refer to the DigiRack Plug-Ins Guide.*

Viewing and Adding Authorizations to an iLok with iLok.com

The iLok.com Web site (www.ilok.com) is a tool for viewing and adding authorizations to your iLok USB Smart Key. It is also used by Digidesign Customer Service to transfer floppy disk authorizations to iLok authorizations.

See the iLok Web site (www.ilok.com) for details on supported Web-based browsers and operating systems.

Getting Started with Using iLok.com to View and Add iLok Authorizations

Adding authorizations from iLok.com to an iLok requires the following steps:

- 1 “Creating an iLok.com Account” on page 6.
- 2 “Registering an iLok with Your iLok.com Account” on page 8.
- 3 “Synchronizing an iLok with your iLok User Account” on page 10.
- 4 “Adding Authorizations to Your iLok” on page 11.

Creating an iLok.com Account

To receive authorizations, you must first create your free user account at iLok.com. Use your iLok account to register any iLok USB Smart Keys you have purchased, manage authorizations, and download authorizations to an iLok.



You can create an iLok.com account without an iLok, and you do not need to have any registered iLoks in order to receive authorizations in your iLok.com account. You can register individual iLoks in your account and add authorizations to an iLok at any time.

To create an iLok.com account:

- 1 Navigate to www.ilok.com in a Web-based browser.



Make sure cookies are enabled in your Web-based browser. Refer to browser documentation for more information.

- 2 On the iLok.com home page, click Sign Up.



iLok.com home page

3 In the New Account Profile page, enter your account information. (You will need to indicate that you agree to the agreement before submitting.)

iLok.com v2.0 [Sign up](#) | [Log in](#) | [Help](#)

Welcome Manage Buy About Help

New account profile

Please enter the information for your new account here. Note that if you change your e-mail address in the future, it's important that you update your iLok.com account. Failure to do so may result in an inability to use this site.

Account Information

Important! A valid e-mail address is required in order to confirm your account.

* Indicates a required entry

Personal Information

First Name:

Last Name: *

E-Mail: *

Company: +

Registration Information

User ID: *

iLok.com New Account Profile page

▲ Remember your iLok.com User ID and password. You will need to provide your User ID to Digidesign Customer Service when you register your Pro Tools purchase, so that authorizations can be deposited in your iLok.com account (see "Registering an iLok with Your iLok.com Account" on page 8).

4 When finished entering account information, click Submit.

A page appears informing you that a message has been sent to your e-mail address, which will be used to confirm your free registration.

5 Log into your e-mail client, and click the link you have received via e-mail.

The Account Activated screen appears in your Web-based browser.

iLok.com v2.0 [Sign up](#) | [Log in](#) | [Help](#)

Welcome Manage Buy About Help

Account Activated

Congratulations! Your iLok.com account is now activated. Click here to [log in](#) and use your account.

[Copyright](#) | [Privacy policy](#) | [Terms of use](#) | [Website feedback](#)
©2002-2004 PACE Anti-Piracy, Inc., All rights reserved worldwide.

iLok.com Account Activated page

6 Click Log In.

7 On the iLok home page, log into your new account.

▲ If prompted, download and install the iLok Client software. (Follow the instructions on the iLok.com Web site.)

8 After you have created your user account and installed any new iLok software, you are ready to receive authorizations and register iLoks.

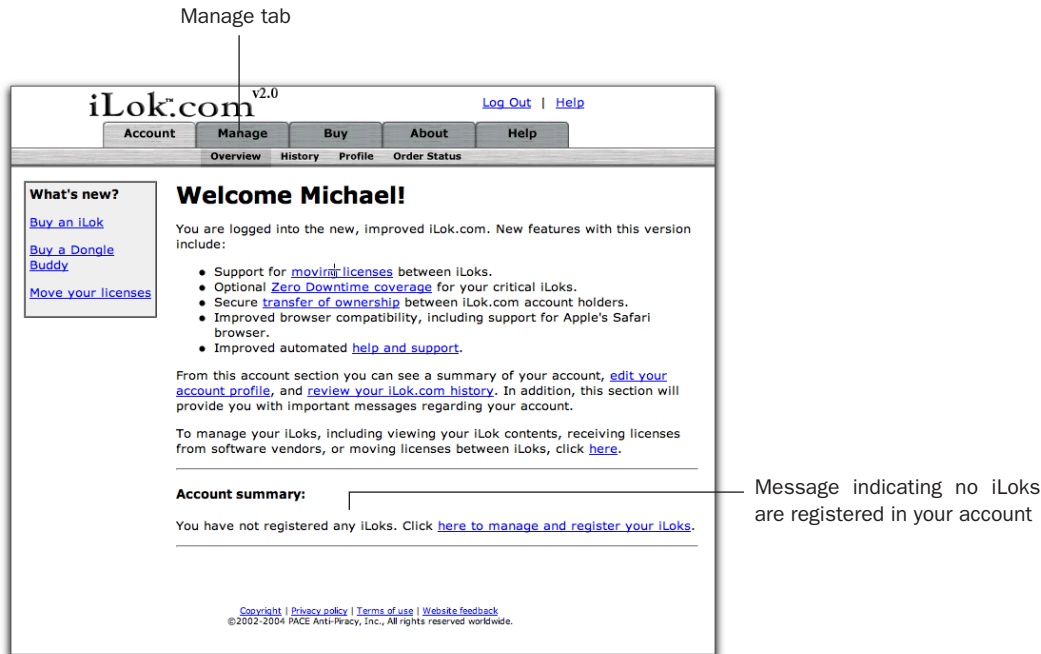
Registering an iLok with Your iLok.com Account

After you have created an iLok user account, you must register an iLok with your account at iLok.com before you can download, add, or remove authorizations.

 You can register any number of iLok USB Smart Keys in your account, and rename them if you choose.

To register an iLok USB Smart Key in your iLok.com account:

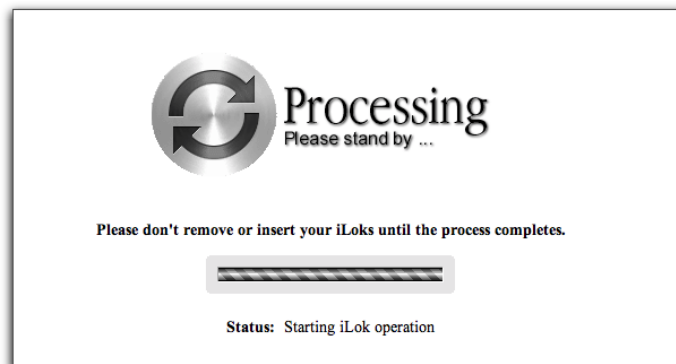
- 1 From www.ilok.com, log into your iLok user account.
- 2 On the Welcome page, click the Manage tab.



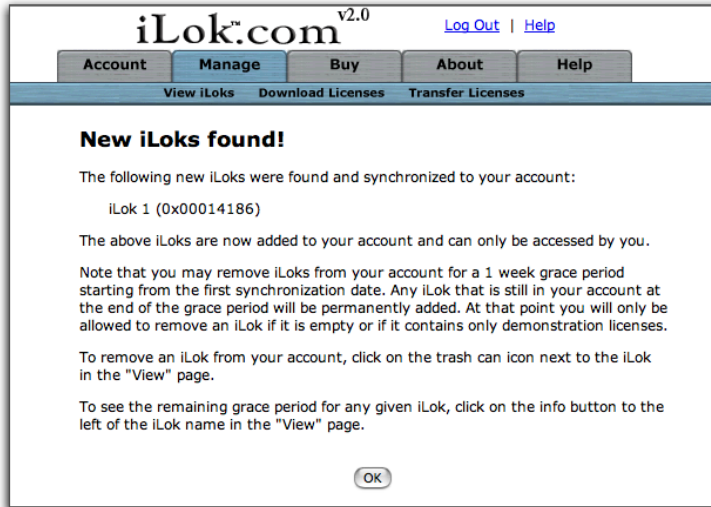
iLok.com Welcome! page (no iLoks registered)

- 3 Insert the iLok you want to register into a USB port on your computer.
- 4 Click Synchronize.

iLok.com displays a progress bar as it reads the serial number of the iLok (this may take some time). When it is finished, the New iLoks Found! page appears.

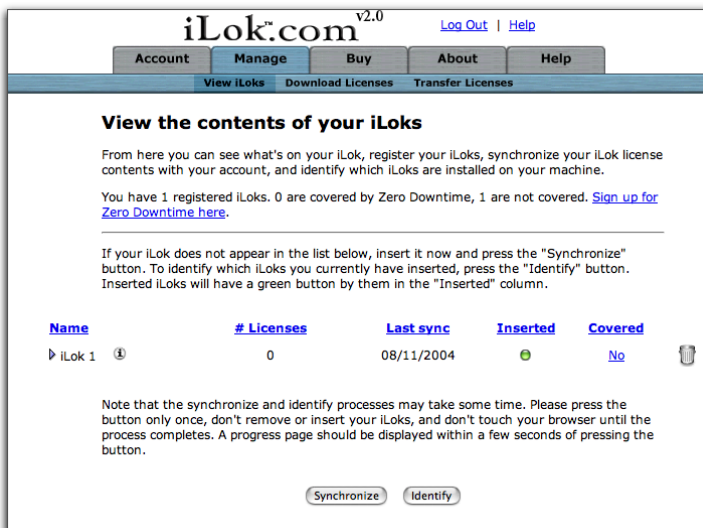


5 In the New iLoks Found! page, click OK.



iLok.com New iLoks Found! page

The View the Contents of Your iLoks page appears, displaying a list of your newly registered iLok (and any other iLoks you have registered). After you have registered the iLok with your iLok.com account, you can add any available authorizations to the iLok (see "Adding Authorizations to Your iLok" on page 11).




iLok.com View the Contents of Your iLoks page

💡 The first time you register an iLok, it is automatically synchronized to your account on iLok.com. Each time you log into your account on iLok.com, you must synchronize the iLok in order to view the most updated information about the activity on the iLok. For more information, see "Synchronizing an iLok with your iLok User Account" on page 10.

Synchronizing an iLok with your iLok User Account

An iLok must be synchronized to your iLok.com user account in order to view, download, add, or remove authorizations.

 The first time you register an iLok, it is automatically synchronized to your account on iLok.com.

To synchronize an iLok with your user account:

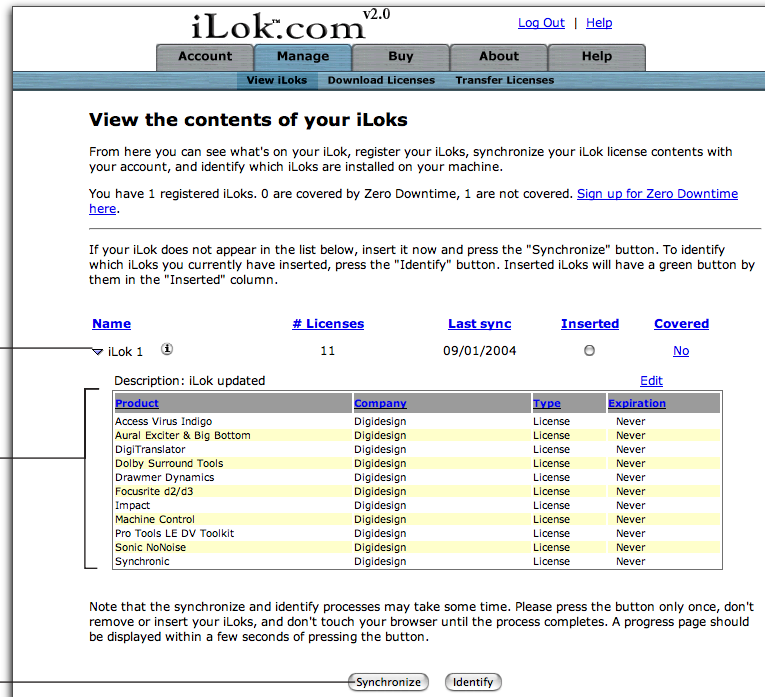
- 1 From www.ilok.com, log into your iLok user account.
- 2 Insert a registered iLok into a USB port on your computer.
- 3 On the Welcome page, click the Manage tab.

The View the Contents of Your iLoks page appears, displaying a list of any iLoks you have registered on your account.

Click the triangle to show or hide the authorizations currently on the iLok

List of iLoks you have downloaded to your iLok.com account

Synchronize button



iLok.com v2.0 [Log Out](#) | [Help](#)

Account Manage Buy About Help

View iLoks Download Licenses Transfer Licenses

View the contents of your iLoks

From here you can see what's on your iLok, register your iLoks, synchronize your iLok license contents with your account, and identify which iLoks are installed on your machine.

You have 1 registered iLoks. 0 are covered by Zero Downtime, 1 are not covered. [Sign up for Zero Downtime here.](#)

If your iLok does not appear in the list below, insert it now and press the "Synchronize" button. To identify which iLoks you currently have inserted, press the "Identify" button. Inserted iLoks will have a green button by them in the "Inserted" column.

Name	# Licenses	Last sync	Inserted	Covered
▼ iLok 1 ⓘ	11	09/01/2004	⊙	No

Description: iLok updated [Edit](#)

Product	Company	Type	Expiration
Access Virus Indigo	Digidesign	License	Never
Aural Exciter & Big Bottom	Digidesign	License	Never
DigiTranslator	Digidesign	License	Never
Dolby Surround Tools	Digidesign	License	Never
Drawmer Dynamics	Digidesign	License	Never
Foqante d2/d3	Digidesign	License	Never
Impact	Digidesign	License	Never
Machine Control	Digidesign	License	Never
Pro Tools LE DV Toolkit	Digidesign	License	Never
Sonic NoNoise	Digidesign	License	Never
Synchronic	Digidesign	License	Never

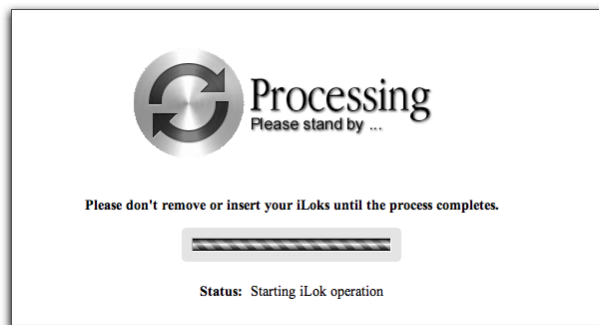
Note that the synchronize and identify processes may take some time. Please press the button only once, don't remove or insert your iLoks, and don't touch your browser until the process completes. A progress page should be displayed within a few seconds of pressing the button.

iLok.com View the Contents of Your iLoks page (list of authorizations shown)

 To see a history of any activity with iLoks you have registered with iLok.com, click the triangle to display the iLok's history of activity.


- 4 To synchronize the iLok with your user account, click Synchronize.

iLok.com displays a progress bar as it reads the serial number of the iLok (this may take some time). Once you have completed synchronizing the iLok, any new information updates in the list. You can now add any available authorizations to the iLok.



Adding Authorizations to Your iLok

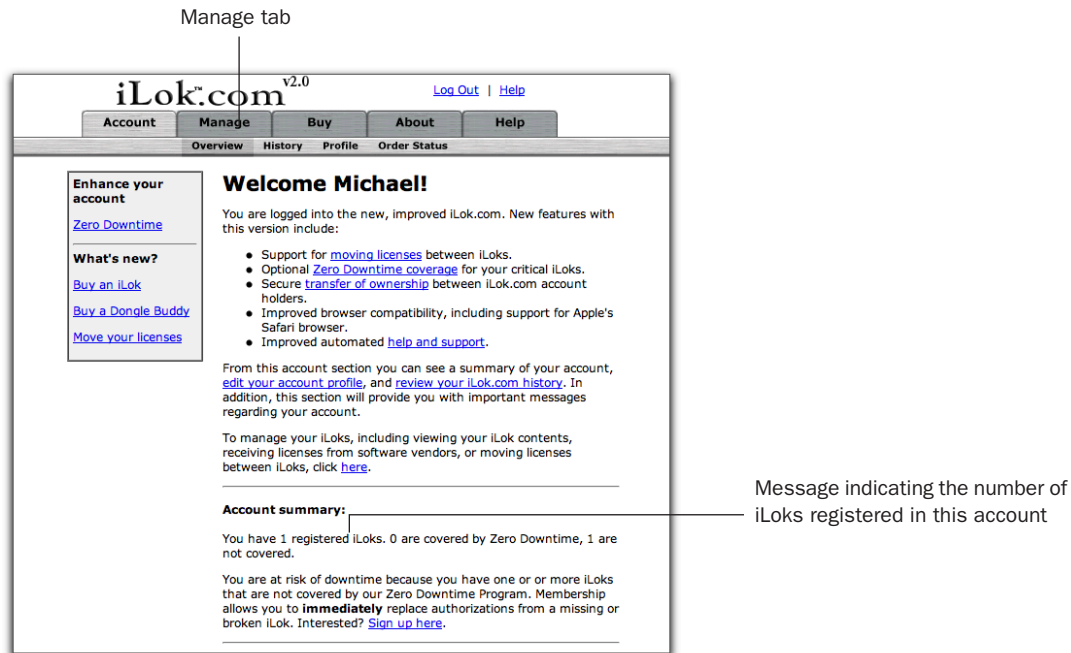
After authorizations have been placed in your iLok.com account, you can download them into an iLok that has been synchronized with your iLok.com account.

 *Make sure that you have inserted a registered iLok into the USB port on your computer, and that it is synchronized to your user account. (See “Registering an iLok with Your iLok.com Account” on page 8 and “Synchronizing an iLok with your iLok User Account” on page 10.)*

To download authorizations into your iLok:

- 1 From www.ilok.com, log into your iLok user account.

If authorizations have been placed into your iLok.com account, a message indicating this appears at the bottom of the iLok Welcome page (under Account Summary) after you log in.



Manage tab

iLok.com v2.0 [Log Out](#) | [Help](#)

Account Manage Buy About Help

Overview History Profile Order Status

Enhance your account
[Zero Downtime](#)

What's new?
[Buy an iLok](#)
[Buy a Dongle Buddy](#)
[Move your licenses](#)

Welcome Michael!

You are logged into the new, improved iLok.com. New features with this version include:

- Support for [moving licenses](#) between iLoks.
- Optional [Zero Downtime coverage](#) for your critical iLoks.
- Secure [transfer of ownership](#) between iLok.com account holders.
- Improved browser compatibility, including support for Apple's Safari browser.
- Improved automated [help and support](#).

From this account section you can see a summary of your account, [edit your account profile](#), and [review your iLok.com history](#). In addition, this section will provide you with important messages regarding your account.

To manage your iLoks, including viewing your iLok contents, receiving licenses from software vendors, or moving licenses between iLoks, click [here](#).

Account summary:

You have 1 registered iLoks. 0 are covered by Zero Downtime, 1 are not covered.

You are at risk of downtime because you have one or more iLoks that are not covered by our Zero Downtime Program. Membership allows you to **immediately** replace authorizations from a missing or broken iLok. Interested? [Sign up here](#).

Message indicating the number of iLoks registered in this account

iLok.com Welcome! page (no iLoks registered)

2 In the Welcome page, click the Manage tab.

The View the Contents of Your iLoks page appears, displaying a list of any iLoks you have registered on your account.

Download Licenses tab

Click the triangle to show or hide the authorizations currently on the iLok

List of iLoks you have downloaded to your iLok.com account

iLok.com v2.0 [Log Out](#) | [Help](#)

Account **Manage** **Buy** **About** **Help**

View iLoks **Download Licenses** **Transfer Licenses**

View the contents of your iLoks

From here you can see what's on your iLok, register your iLoks, synchronize your iLok license contents with your account, and identify which iLoks are installed on your machine.

You have 1 registered iLoks. 0 are covered by Zero Downtime, 1 are not covered. [Sign up for Zero Downtime here.](#)

If your iLok does not appear in the list below, insert it now and press the "Synchronize" button. To identify which iLoks you currently have inserted, press the "Identify" button. Inserted iLoks will have a green button by them in the "Inserted" column.

Name	# Licenses	Last sync	Inserted	Covered
▼ iLok 1 ⓘ	11	09/01/2004	⊖	No

Description: iLok updated [Edit](#)

Product	Company	Type	Expiration
Access Virus Indigo	Digidesign	License	Never
Aural Exciter & Big Bottom	Digidesign	License	Never
DigiTranslator	Digidesign	License	Never
Dolby Surround Tools	Digidesign	License	Never
Drawer Dynamics	Digidesign	License	Never
Focusrite e2/g3	Digidesign	License	Never
Impact	Digidesign	License	Never
Machine Control	Digidesign	License	Never
Pro Tools LE DV Toolkit	Digidesign	License	Never
Sonic NoNoise	Digidesign	License	Never
Synchronic	Digidesign	License	Never

Note that the synchronize and identify processes may take some time. Please press the button only once, don't remove or insert your iLoks, and don't touch your browser until the process completes. A progress page should be displayed within a few seconds of pressing the button.

[Synchronize](#) [Identify](#)

iLok.com View the Contents of Your iLoks page (list of authorizations shown)

3 Click the Download Licenses tab (under the Manage tab).

4 On the Download Licenses into Your iLok page, select the options next to the authorizations you want to download to the inserted iLok.

iLok.com v2.0 [Sign up](#) | [Log in](#) | [Help](#)

Welcome **Manage** **Buy** **About** **Help**

Download licenses into your iLok

Software vendors may send licenses to you so that you can use or try out their products. From here you can download licenses to any registered iLok. Once a license is downloaded, you may use the corresponding software product. Note that version of iLok.com pending licenses were called "assets".

Step 1 - Select the pending licenses to download:

Product	Company	Type	Deposited	Expiration
<input type="checkbox"/> Pro Tools LE DV Toolkit	Digidesign	License	07/09/2004	Never
<input type="checkbox"/> DigiTranslator	Digidesign	License	07/09/2004	Never

[Check All](#) | [Clear All](#)

To delete a pending license instead of downloading it, click on the trash icon next to the license.

Step 2 - Select an iLok to receive the licenses:

Select which iLok should receive the licenses, then press the "Download Licenses" button.

Note that the download process may take some time. Please press the button only once, don't remove or insert your iLok, and don't touch your browser until the process completes. A progress page should be displayed within a few seconds of pressing the button.

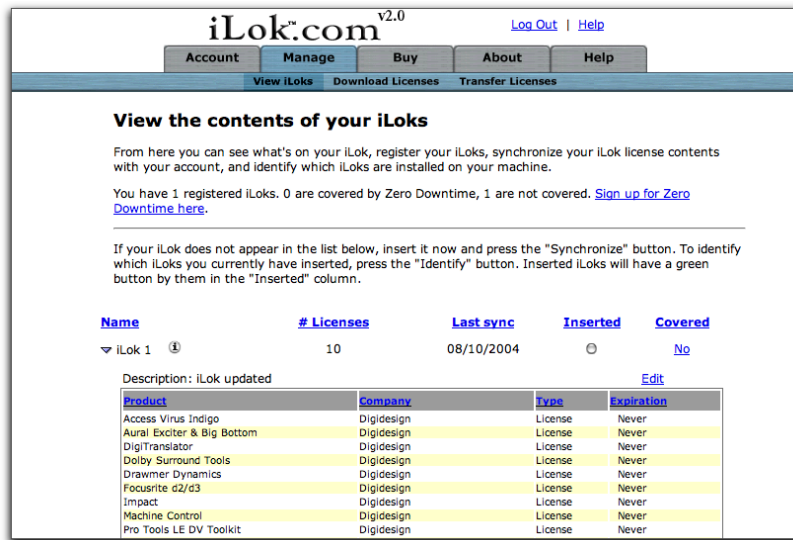
[Select an iLok](#) [Download Licenses](#)

iLok.com Download Licenses into your iLok page (authorizations available to download shown)

5 From the Select an iLok pop-up menu, select the iLok into which you want to download authorizations.

6 Click Download Licenses.

When transfer is complete, the list of authorizations for that iLok updates to reflect the new authorizations.



iLok.com View the Contents of Your iLoks page (list of authorizations shown)

Troubleshooting iLok Operation

If your iLok is not working:

- 1 Confirm that the iLok is plugged into a working USB port and that the LED on the iLok lights.
- 2 Check to make sure you have the latest iLok drivers installed for your platform. The latest drivers are available in the Download section of the PACE Web site at www.paceap.com.
- 3 If the iLok still does not work, try the following:
 - Insert the iLok in another USB-equipped computer and check that the LED on the iLok lights.
 - and –
 - Insert the iLok in any iLok.com-compatible computer and try to identify it from your iLok.com account.
- 4 If the iLok is still not working, do one of the following:
 - If the iLok contains authorizations for Digidesign and Digidesign-distributed software only, contact Digidesign Customer Support for replacement instructions.
 - or –
 - If the iLok contains authorizations from any other manufacturers, Digidesign cannot replace the iLok. Contact PACE Anti-Piracy by using the RMA (Return Merchandise Authorization) form, located in the Support section of the iLok.com Web site, to get an RMA number and replacement instructions. All PACE replacement policies and procedures are explained in detail in the Support section of the iLok.com Web site (www.ilok.com/support.html).

Frequently Asked Questions About iLok

An iLok USB Smart Key was not included with the plug-in I just purchased. Why?

The iLok USB Smart Key is not supplied with your plug-in. You can use the one included with certain Pro Tools systems (such as Pro Tools|HD-series systems), or purchase one separately from the Digidesign Web Store (www.digidesign.com) or your Digidesign Dealer.

Which computer systems support an iLok?

For information about which computer systems support iLok, see the iLok Web site.

Does my computer need any special software in order to download authorizations to an iLok?

You can download authorizations to an iLok from any iLok-supported computer with an Internet connection, and then use those downloaded iLok authorizations on any Pro Tools system. However, the Internet-connected computer must have the iLok Client Software application installed, which is provided as a download when registering for an iLok.com account.

Does my Pro Tools system need to be connected to the Internet to use authorizations?

No. Although you need an Internet connection in order to download authorizations to an iLok, an iLok that contains downloaded authorizations can be used on any Pro Tools system regardless of whether it is connected to the Internet.

I have more than one iLok USB key. Is there a way to combine authorizations onto a single iLok?

Authorizations can be consolidated or transferred to other iLoks using the Transfer Licenses option on the iLok.com Web site.

Visit www.ilok.com for additional information on transferring iLok authorizations.

Which USB port should I plug the iLok into?

The iLok should work in any available USB port on your system. This includes the ports on Apple USB keyboards. However, some users have reported problems with their computer failing to recognize the iLok when installed in a keyboard port. If you experience this problem, insert the iLok in one of the available USB ports on the CPU, or use a powered USB hub.

Can the iLok USB Smart Key be removed to insert the License Card during the authorization process?

No. Do not remove the iLok at any time during the authorization process. Once the authorization process is complete, the License Card can be removed and used again if unused authorizations remain on the License Card.

Can I register a password-protected iLok on iLok.com?

No. iLok USB Smart Keys that are password-protected are not recognized by iLok.com. You cannot register, identify, or update an iLok at iLok.com if it is password-protected.

To register, identify, or update a password-protected iLok on iLok.com, you will need to remove the password protection from the iLok. Digidesign does not support assigning or removing iLok passwords.

To remove password protection from an iLok, do one of the following:

- ◆ Download, install, and launch the *iLok Password Utility* (Mac OS only) from iLok.com. Follow the instructions that come with the utility to remove the password from your iLok.
- ◆ Some iLok-protected applications, authorizer applications, and plug-ins have a hot key shortcut to bring up the iLok password dialog. Locate and launch a suitable application, and during launch, press Command+P+I to open the password dialog. Enter the old password, then leave the new password blank to reset password protection on your iLok.

After registering or updating the iLok on iLok.com, you may then replace the password protection on the iLok, but you will need to remove password protection again whenever you want to identify or update the iLok on iLok.com.

Document your password and make sure not to lose it. If you lose your password, you will need to return the iLok directly to PACE Anti-Piracy using the RMA (Return Merchandise Authorization) Form, located in the Help tab on iLok.com. PACE replacement policies are explained in detail on the iLok.com Web site.