

# Electric Keys 1.0.5 Update Notes

## OVERVIEW

This document provides installation instructions and late-breaking information about Electric Keys not covered in the *Electric Keys User Guide*.

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## NEW SYSTEM REQUIREMENTS

Electric Keys version 1.0.5 has the following new minimum and recommended system requirements:

- Mac or PC with Intel Core Duo CPU 1.83 GHz or faster; multiple processors or a multi-core processor is required. Intel Core 2 Duo CPU 2.0 GHz or faster recommended. Macs with PowerPC CPUs are not supported.
- 2 GB of RAM is required; 4 GB or more is highly recommended.
- CD/DVD disc drive for installation.
- Mac OS X version 10.5 or 10.6 (v10.5.8 or later is required), or Windows 7 or Vista (32- or 64-bit; Vista SP2 or later is required).
- A large hard drive (preferably at least 100 GB) with enough free space to hold the 40 GB of soundbank files. The drive on which the sounds are stored must be a fast hard drive. See below for Mac- and Windows-specific hard drive requirements.
- An available USB port for the iLok USB key. If you have multiple products that use iLoks for authorization, you can consolidate multiple authorizations onto a single iLok using [www.ilok.com](http://www.ilok.com).
- A digital audio workstation program or other program that hosts MAS, AU, VST, or RTAS instrument plug-ins. Alternatively, Electric Keys can be used as a stand-alone application.

## 64-bit operation

For native 64-bit operation, Electric Keys has the following additional requirements:

- Mac OS X v10.6, or a 64-bit version of Windows 7 or Vista
- 64-bit CPU
- 64-bit plug-in host application, if using the 64-bit plug-in

Platform	Electric Keys formats that support 64-bit operation
Mac OS X	AU, VST, Stand-alone
Windows	VST, Stand-alone

## Hard disk format

Due to the large size of Electric Keys' factory soundbank UFS files, the disk containing the soundbank files must be able to support individual files larger than 4 GB. This is determined by the disk's file system format.

The default file system format for disk drives on Mac OS X and Windows are compatible with Electric Keys' soundbank files:

- Mac OS X: HFS+ (Mac OS Extended, journaled or unjournaled)
- Windows: NTFS

The FAT32 format is not compatible with Electric Keys' soundbank files, as it does not allow file sizes greater than 4 GB.

If you experience trouble copying the UFS files to your hard disk, refer to the troubleshooting chapter in the Electric Keys User Guide.

## UVI ENGINE XT

Electric Keys 1.0.5 has been significantly updated, due to the incorporation of the latest UVI Engine XT first introduced in the recent release of MachFive 3. Electric Keys 1.0.5 is now based on this same core code base, which offers:

- Compatibility with the latest Mac OS X and Windows operating systems, including Mac OS X 10.7 (Lion) and Windows 7
- 64-bit operation
- CPU performance optimizations
- Dozens of "under-the-hood" improvements

## INSTALLATION

### Important! Install the iLok drivers first

Before installing Electric Keys or connecting your iLok USB SmartKey, install the included iLok drivers, as follows:

- 1 Insert the *Electric Keys Installer* CD and open the *InterLok Extensions Installer* folder; or, if you have downloaded the latest iLok drivers, locate the folder containing the download.
- 2 Double-click the InterLok extensions installer.
- 3 Follow the directions the installer gives you.
- 4 Restart your computer, then connect the iLok USB SmartKey to an available USB port.

☛ Windows users: Follow any on-screen prompts regarding iLok driver installation.

### Windows users: Uninstall previous versions

Before running this Electric Keys installer, Windows users should uninstall previous versions of Electric Keys by opening the Windows Control Panel, choosing *Programs and Features* (Vista or 7) or *Add or Remove Programs* (XP), and uninstalling Electric Keys.

☛ If you are using the DXi version of Electric Keys 1.0, see “DXi transition” on page 2 before uninstalling.

### Next, run the Electric Keys installer

Run the Electric Keys installer first before you copy the UFS soundbank files from the soundbank DVDs, as follows:

- 1 Insert the *Electric Keys Installer* CD; or, if you have downloaded the Electric Keys installer, locate the folder containing the download.
- 2 Double-click *Install Electric Keys* (Mac), *Setup32.exe* (Windows 32-bit), or *Setup64.exe* (Windows 64-bit).
- 3 Follow the directions the installer gives you.

☛ Windows VST users: The Electric Keys VST plug-in is installed in:

startup disk:\Program Files\MOTU\Vstplugins

Point your host application to this folder, or copy the *Electric Keys VST.dll* file to the Vstplugins folder of your choice.

### Then copy the UFS soundbank files to your hard drive

Electric Keys includes five 8 GB (dual layer) *soundbank* DVDs that contain a total of 40 GB of multi-sampled instruments. To install the UFS soundbank files, copy them from the DVDs to the following location:

#### Mac OS X

startup disk/Library/Application Support/MOTU/Electric Keys/Sounds/

#### Windows

startup disk:\Program Files\MOTU\Electric Keys\Sounds\

The term *startup disk* in the path names above is the name of your system hard drive (usually *Macintosh HD* or *C*).

Place the UFS files directly in this location. Alternatively, you can place the UFS files in another location (possibly on an external or second hard drive), create aliases (Mac OS X) or shortcuts (Windows) to them, and then place the aliases or shortcuts in this location.

☛ If you create aliases or shortcuts, the names must be the same as their corresponding UFS files. If the alias or shortcut name includes the words *alias* or *shortcut to*, it will not work.

☛ The *Classic Electric Pianos.ufs* and *Classic Electric Pianos.ufs1* files MUST be placed in the same folder.

## DXI TRANSITION

Electric Keys version 1.0.1 and later does not have a DXi version. Windows users should instead use the VST or RTAS plug-in or the standalone Electric Keys application.

If you have projects that use the DXi version of Electric Keys, before uninstalling Electric Keys 1.0 or installing Electric Keys 1.0.1 or later, follow these steps to transition from the DXi version to another format (VST, in this example):

- 1 Open any project files that use DXi instances of Electric Keys.
- 2 Open the DXi instance of Electric Keys and save a combi.
- 3 Create a new VST instance of Electric Keys.
- 4 Load the combi file from the DXi instance into the VST instance.

### ENHANCEMENTS IN VERSION 1.0.5

Version 1.0.5 provides the following enhancements:

- Addressed issues with 64-bit operation under Windows
- UVI engine enhancements and optimizations

### ENHANCEMENTS IN VERSION 1.0.4

Version 1.0.4 provides the following enhancements:

- Compatibility with the latest Mac OS X and Windows operating systems, including Mac OS X 10.7 (Lion) and Windows 7
- 64-bit operation, as summarized earlier in “64-bit operation” on page 1
- CPU performance optimizations

### ENHANCEMENTS IN VERSION 1.0.3

Improvements, optimizations, and refinements can be found in the following areas:

- **Saving & Loading:** parameter control after loading combi.
- **Performance:** compatibility improvements on Snow Leopard; improvements to streaming.

### ENHANCEMENTS IN VERSION 1.0.2

Version 1.0.2 provides the following enhancements.

#### Native 64-bit Windows support

The standalone application and VST plug-in now support native 64-bit operation when using the 64-bit version of Windows Vista or Windows 7.

☛ As a 64-bit version of Pro Tools is not yet available, a 64-bit RTAS plug-in is not available at this time. RTAS users should continue to use the 32-bit version of Electric Keys and a 32-bit version of Windows.

#### Other changes

Improvements, optimizations, and refinements can be found in the following areas:

- **Performance:** various CPU optimizations; improvements to streaming.

### ENHANCEMENTS IN VERSION 1.0.1

Improvements, optimizations, and refinements can be found in the following areas:

- **Saving & Loading:** warning messages when sounds are missing; attempting to save read-only files or in read-only directories.
- **Performance:** various CPU and user interface optimizations.