

# Read This First! BPM 1.5.3 Installation Guide and Update Notes

## OVERVIEW

This document provides new information about BPM 1.5.3 not covered in the *BPM User Guide*.

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## ATTENTION NEW USERS: AN ILOK IS REQUIRED

If you are a new BPM user: this product requires an iLok Smart Key, a small USB device (sold separately) that holds the license for your MOTU software. Before you install and use your MOTU software, you must obtain an iLok, if you don't already have one.

☛ You will not be able to use your BPM software without an iLok.



Figure 1: BPM is compatible with iLok 1 and iLok 2 USB Smart Keys.

## Do you already own an iLok?

You may already own an iLok if:

- you upgraded from BPM 1.0
- you own another MOTU instrument product
- you own a 3rd-party product that uses iLok

If so, you can skip to “Preparing your iLok USB Smart Key”.

## Purchasing an iLok

If you do not already own an iLok, you can purchase one from your local music retail shop, an on-line music technology reseller, or iLok.com.

## iLok compatibility

MOTU instrument products are compatible with iLok 1 or 2 (Figure 1).

## PREPARING YOUR ILOK USB SMART KEY

BPM will not run unless it detects an iLok Smart Key plugged into any available USB port on your computer. In addition, the iLok must hold both a BPM license and a Beat Box Anthology license.

## Downloading your BPM licenses to your iLok

Your BPM package includes a two-sided card with unique iLok license redemption codes printed on it for your BPM software and the Beat Box Anthology soundbank included in your BPM software package. Follow the instructions on the card to redeem each code and download the resulting two software licenses to your iLok.

☛ BPM will not run without the downloaded BPM and Beat Box Anthology licenses in your iLok, so be sure to follow the important instructions on the card before proceeding to install and use BPM.

## Managing iLok licenses

If you have multiple iLoks, you can consolidate all of your licenses onto a single iLok. Use iLok License Manager to move product licenses from one iLok to another, consolidate them onto one iLok, protect them from loss or damage, or otherwise manage your product license assets.

If you have further questions about your iLok, visit [www.iLok.com](http://www.iLok.com), or contact MOTU Customer Service at +1 (617) 576-2760.

## NEW SYSTEM REQUIREMENTS

BPM 1.5.3 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 10.5.8 or later, or Windows 8, 7 or Vista (32- or 64-bit; Vista SP2 or later is required).
- Large hard disk, preferably at least 100 GB. The disk on which the sounds are stored must be a fast hard disk. Refer to the BPM User Guide Installation chapter for details.
- Available USB port for the iLok SmartKey.

- A digital audio workstation program or other program that hosts AU, VST, or RTAS instrument plug-ins. Alternatively, BPM can be used as a standalone application.

### 64-bit operation

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

- Mac OS X v10.6, Windows 8, 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

### Hard disk format

Due to the large size of BPM's 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 BPM's soundbank files:

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

The FAT32 format is not compatible with BPM's 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 BPM User Guide.

### UVI ENGINE XT

BPM 1.5.3 has been significantly updated, due to the incorporation of the latest UVI Engine XT first introduced in the recent release of MachFive 3. BPM 1.5.3 is now based on this same core code base, which offers:

- Compatibility with the latest Mac OS X and Windows operating systems
- 64-bit operation
- CPU performance optimizations
- Dozens of “under-the-hood” improvements

There are additional enhancements specific to BPM, summarized below.

## INSTALLATION

### Windows users: Uninstall previous versions

Before running this BPM installer, Windows users should uninstall previous versions of BPM by opening the Windows Control Panel, choosing *Programs and Features* and uninstalling BPM.

### Next, run the BPM installer

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

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

☛ Windows VST users: The BPM VST plug-in is installed in:

startup disk:\Program Files\MOTU\Vstplugins

Point your host application to this folder, or copy the *BPM.dll* and *BPMsampler.dll* files to the Vstplugins folder of your choice.

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

BPM version 1.5 includes two 8 GB (dual layer) *soundbank* DVDs that contain a total of 15 GB of drum samples, loops, phrases and multi-sampled instruments. These sounds are organized into two separate “UFS” soundbank files on these DVDs: *BPM.ufs* and *BPM.ufs1*.

Additionally, the Beat Box Anthology.ufs soundbank DVD contains another 4 GB of drum samples, loops, kits, and patterns.

### Installing the BPM soundbank files

To install the *BPM.ufs* and *BPM.ufs1* soundbank files, copy them from the DVDs to the following location:

#### Mac OS X

startup disk/Library/Application Support/MOTU/BPM/

#### Windows

startup disk:\Program Files\MOTU\BPM\

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 *BPM.ufs* and *BPM.ufs1* files must be placed in the same folder.

#### Installing the Beat Box Anthology soundbank file

To install the *Beat Box Anthology.ufs* soundbank file, copy it from the Beat Box Anthology DVD to the following location:

##### Mac OS X

startup disk/Library/Application Support/UVISoundBanks/

##### Windows

startup disk:\Program Files\UVISoundBanks\

Place the UFS files directly in this location, or create an alias or shortcut to the file in this location, as described for the *BPM.ufs* and *BPM.ufs1* files.

#### Presets for hardware controllers

The BPM installer disc includes a folder of presets for popular hardware pad controller products, including the Akai MPD16, Akai MPD32, Korg padKONTROL and the M-Audio Trigger Finger. If you own one of these products, load the supplied BPM pad preset into the hardware's utility software to load BPM's pad configuration into the controller hardware. For details, consult the documentation for your pad controller.

#### PLEASE REGISTER YOUR SOFTWARE

MOTU can only provide customer service and technical support to registered users. Therefore, it is important for you to register your software immediately after purchase.

To do so, visit [www.motu.com/registration](http://www.motu.com/registration) to register online. Or, fill out and mail in the registration card found at the beginning of the *User Guide* (leave the rest of the cardboard page in the manual for your future reference).

☛ If you purchased an upgrade from an earlier version at [motu.com](http://motu.com), you are already registered and no further action is necessary.

#### VISIT MOTU.COM FOR UPDATES

Software updates are periodically posted on our website, so check our website for the latest updates at [www.motu.com](http://www.motu.com).

#### TECHNICAL SUPPORT

If you have questions, please review the *User Guide* carefully first. You can reach MOTU tech support as follows:

- 24-hour online tech support database with search engine: [www.motu.com](http://www.motu.com)
- Online: [www.motu.com/support](http://www.motu.com/support)
- Phone: +1 (617) 576-3066  
(9 a.m. – 6 p.m. Eastern)
- Downloads: [www.motu.com](http://www.motu.com)

#### ENHANCEMENTS IN BPM 1.5.3

- Pro Tools AAX plug-in support for Mac and Windows (for Pro Tools 11 and above)
- Eden-based iLok protection
- Other minor enhancements

#### AAX plug-in support

BPM 1.5.3 now supports Avid's new AAX plug-in format for Pro Tools 11 and above. BPM 1.5.3 includes legacy RTAS support for earlier versions of Pro Tools.

#### Support for iLok Eden

*Eden* refers to Pace Anti-Piracy's major platform upgrade for iLok copy protection. Eden provides state-of-the-art security and convenience for your BPM software. Visit [iLok.com](http://iLok.com) for complete details about how Eden can help you manage your iLok assets.

☛ Before running BPM 1.5.3, be sure to visit [iLok.com](http://iLok.com) to download and install the latest iLok software on your Mac or PC.

#### ENHANCEMENTS IN BPM 1.5.2

- Improved CPU performance and other optimizations

#### NEW FEATURES IN BPM 1.5.1

- Better Note Repeat behavior
- Improved beat slice editing in the Clip window
- Other minor enhancements