



# Mello

## Software User Manual

Version 1.0

## End User License Agreement (EULA)

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## Introduction

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### **Mello**

#### **The Origins of Sampling; a Sound that Shaped the 60's**

Hark back to the heyday of classic rock and one instrument stands above the rest, a 350lb behemoth that would forever change the way we think about making music. At the heart of this monster was an array of tape machines, one per note on the attached keyboard, each playing a uniquely recorded sound. With only 8 seconds of tape per key and a cumbersome frame this machine had its limitations but was nonetheless impressive for its time, boasting a multitimbral and truly polyphonic 'engine'. Instantly made famous by the Beatles hit 'Strawberry Fields Forever' and used by countless others including The Moody Blues, Rolling Stones, and prog rock legends Yes, this was the 'must-have' sound of the 60's. While its use fell out of fashion the implications it made have become fundamental to modern music production.

With Mello we've aimed to deliver a complete and authentic recreation of this prolific instrument. Dozens of original tapes were multi-sampled on 3 different machines in order to

give you the best representation of each of the 28 available sounds. To capture the live experience the key noise and inner mechanical sounds were stereo recorded, including tape noise and key-off sounds, and are all mixable to taste.

To make Mello even more versatile we've added a few tricks of our own, including an analog-modeled tape delay, reverb, a custom unison mode to give you stereo sound without unwanted transposition or chorusing, a switchable multimode filter, a 3-band EQ and more.

Mello delivers a warm and buttery tone indistinguishable from the original and is, in every way we could make it, a perfect tribute to the quintessential studio instrument of the 60's.

Now lets get started!

## System Requirements



### Compatibility

Audio Units, VST, MAS, AAX, RTAS or standalone  
UVI Workstation 2.5.2 or higher

### Minimum System Requirements

- ▶ Intel CPU
- ▶ 4 GB of RAM (8 GB+ recommended)
- ▶ 2 GB of disk space
- ▶ Mac OS X 10.7 or higher
- ▶ iLok account (free, dongle not required)



### Compatibility

VST, AAX, RTAS or standalone  
UVI Workstation 2.5.2 or higher

### Minimum System Requirements

- ▶ Core Duo or faster
- ▶ 4 GB of RAM (8 GB+ recommended)
- ▶ 2 GB of disk space
- ▶ Windows 7 or higher
- ▶ iLok account (free, dongle not required)



## Authorize the Way You Want

Your license allows 3 concurrent authorizations on any combination of computers and iLok dongles.

License management is a simple drag-and-drop process done through iLok License Manager.

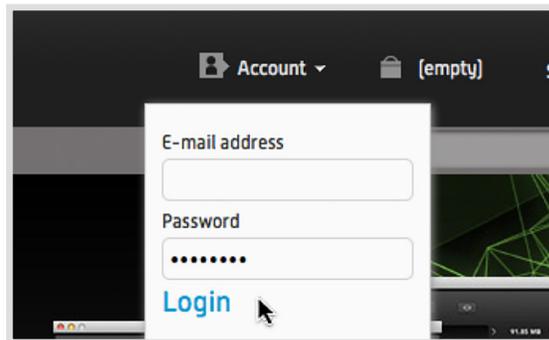
Visit [ilok.com](http://ilok.com) to download iLok License Manager and create your free account.

## Step 1 Register Your Serial Number

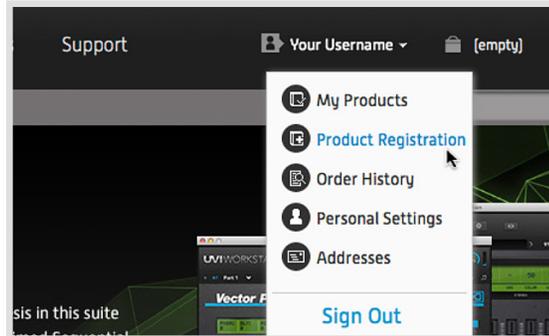


- ▶ You must have an account on [uvi.net](http://uvi.net) and [ilok.com](http://ilok.com) prior to registration
- ▶ If you purchased a **physical version** of this product, your serial number is located on the inside of the box
- ▶ If you purchased an **electronic version** of this product, your serial number will be included in a confirmation email
- ▶ You can see a list of the products you've registered and their serial numbers anytime at [uvi.net/my-products](http://uvi.net/my-products)

1. Login to your account on [uvi.net](http://uvi.net)

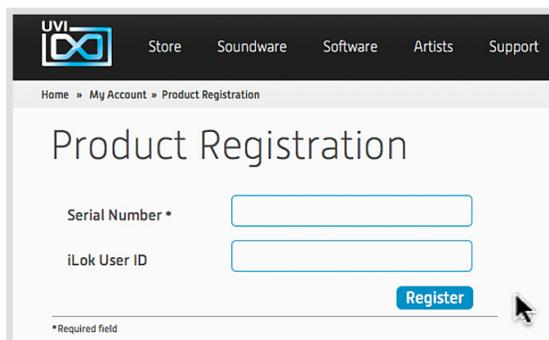


2. Navigate to the 'Product Registration' page



3. Enter your details and click 'Register'

Upon completion a new license will be deposited in your iLok account



## Step 2 Activate Your License



- ▶ iLok License Manager is required for activation, download the newest version at [ilok.com/ilm.html](http://ilok.com/ilm.html)
- ▶ Your license allows up to 3 concurrent activations on any combination of iLok dongles and computers
- ▶ Activations can be moved between devices at anytime

1. Launch iLok License Manager



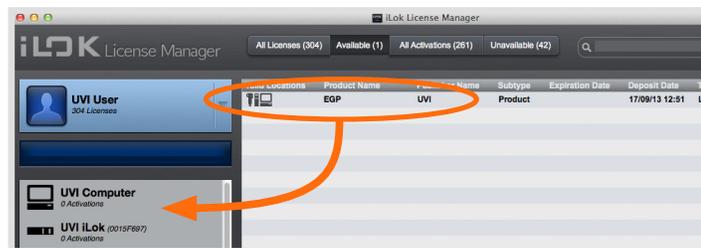
2. Login to your account



3. Click the 'Available' tab

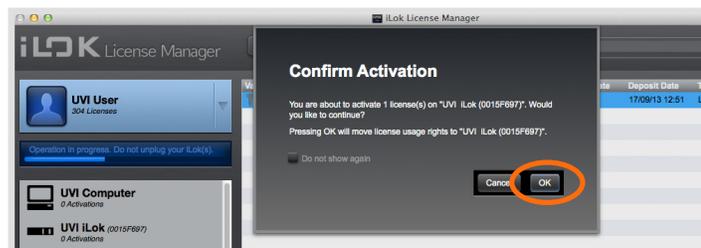


4. Drag the license to your computer or an iLok dongle



5. Click 'Ok' to confirm the activation

The process is complete, your device is now authorized



- » To see how many authorizations you have left simply select the license and click 'Show Details'
- » To deactivate your license, right-click it and select 'Deactivate' — doing so will return your license to the 'Available' tab

## Step 3 Install Your Instrument



- ▶ UVI Instruments can be stored anywhere on your system
- ▶ Storing your instruments on a fast drive will improve performance
- ▶ Your instruments can be downloaded at any time from [uvi.net/my-products](http://uvi.net/my-products)

1. Create a folder on your computer and place your UVI Instruments in it  
Once this is done we need to tell UVI Workstation where to find your instruments.  
We do this by creating a watch folder, follow the steps below to create your own:



2. Open UVI Workstation

3. Click the Settings page



4. Click the 'Sound Banks' tab

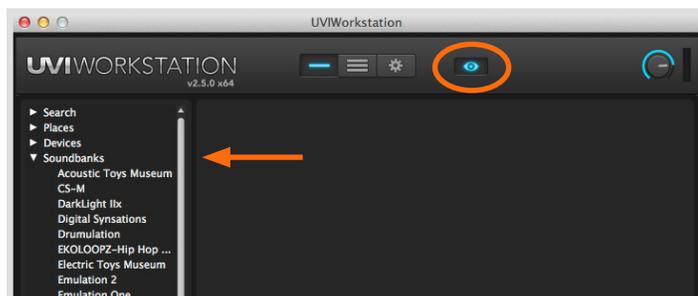


5. Click the '...' button and select the folder where you've placed your instruments



6. Restart UVI Workstation and open the Browser

Your instruments will be available under the 'Soundbanks' tab



## Step 4 Load Your Instrument

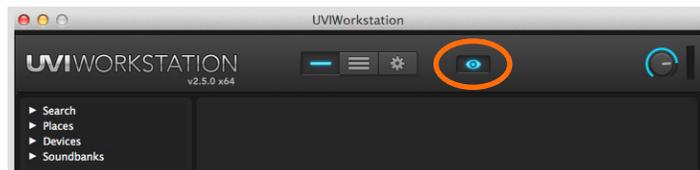


- ▶ UVI Workstation is required to run UVI Instruments
- ▶ The newest version of UVI Workstation can be downloaded free at [uvi.net/downloads](http://uvi.net/downloads)
- ▶ UVI Workstation can be run as a standalone program or as a virtual instrument from within your DAW of choice

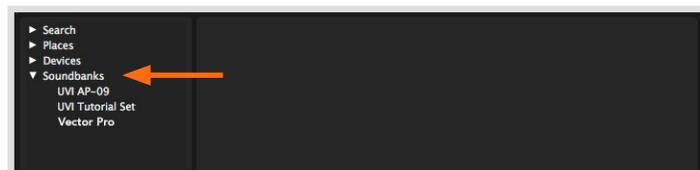
1. Open UVI Workstation



2. Click the Browser icon



3. Open the Sound Banks tab



4. Select a product, in this example we'll choose Vector Pro, then select an instrument and patch

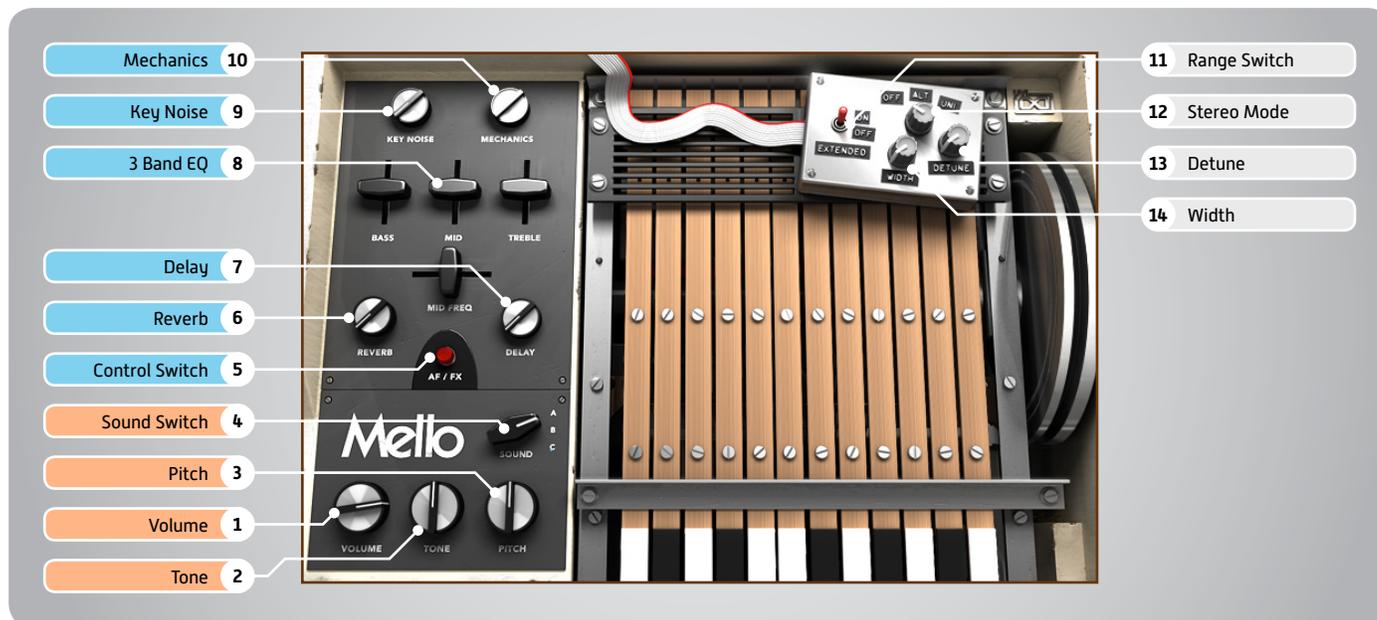
Double-click the patch to load it



5. The UI appears and you're ready to jam!



## Interface - Main and FX



### Main Controls

- 1 ▶ Volume**  
Sets the output volume
- 2 ▶ Tone**  
Adjusts the overall tonality (High to Low)
- 3 ▶ Pitch**  
Adjust pitch in semitones [-24 to +24]
- 4 ▶ Sound Switch**  
Change the sound on the current tape

### Page Control + Effects

- 5 ▶ Control Switch**  
Changes the currently visible control set between Effects (FX, initially visible) and Amp/Filter Envelopes (AF)

- 6 ▶ Reverb**  
Wet/Dry amount of Sparkverb
- 7 ▶ Delay**  
Wet/Dry amount of Tape Delay
- 8 ▶ 3 Band EQ**
  - » **Bass / Mid / Treble**  
Boost/cut level of each frequency band
  - » **Mid Freq**  
Sets the center frequency for the mid band

*Additional controls for all effects available under the Effects tab of UVI Workstation or MF3*

- 9 ▶ Key Noise**  
Mix amount for acoustic key noise
- 10 ▶ Mechanics**  
Mix amount for acoustic release and tape noise

### Stereo and Range

- 11 ▶ Range Switch**  
Switch between classic hardware range and extended
- 12 ▶ Stereo Mode**  
Off / Alternate Pan / Unison Mode
- 13 ▶ Detune**  
UNI Mode Only: detunes layers
- 14 ▶ Width**  
Sets the width of the stereo image

## Interface - Envelopes



### Amplitude

- 1 ► **Amplitude Envelope**  
Attack / Decay / Sustain / Release envelope for the Amplitude section
- 2 ► **Amp Envelope Velocity**  
Adjust the Velocity > Amp sensitivity

### Filter

- 3 ► **Filter Envelope**
  - » **ADSR**  
Attack / Decay / Sustain / Release envelope for the Filter section
  - » **Cutoff**  
Filter cutoff frequency  
*Mapped to [Mod Wheel] by default*
  - » **Resonance**  
Adjust the resonance (Q) of the Filter
  - » **Depth**  
Modifies the amount of ADSR envelope to be applied to the Filter
  - » **Mode**  
Set the Filter mode; High Pass, Band Pass, or Low Pass
- 4 ► **Filter Envelope Velocity**  
Adjust the Velocity > Filter sensitivity



## Mello - Preset List

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### Presets

#### 1. Flutes and Oboe

- A - Flute 1
- B - Flute 2
- C - Oboe

#### 2. Strings

- A - Strings 1
- B - Strings 2
- C - Strings 3

#### 3. Choirs

- A - Female Choir
- B - Male Choir
- C - Choir

#### 4. Church Organs

- A - Church Organ 1
- B - Church Organ 2
- C - Church Organ 3

#### 5. Guitars

- A - Guitar 12 Strings
- B - Electric Guitar A
- C - Electric Guitar B

#### 6. Cellos and Viola

- A - Cello 1
- B - Cello 2
- C - Viola

#### 7. Brass - Clarinet - Sax

- A - Brass
- B - Clarinet
- C - Sax

#### 8. Vibes and Celesta-Choir

- A - Celesta and Choir
- B - Vibraphone 1
- C - Vibraphone 2

#### 9. Piano - Harp - Strings

- A - Piano
- B - Harp
- C - Strings 4

#### 10. Guitar - Piano - Vibra

- A - Spanish Guitar
- B - Piano
- C - Vibraphone 1

#### 11. Space Choirs

- A - Female Choir
- B - Male Choir
- C - Choir

#### 12. Alternative

- A - Spanish Guitar
- B - Piano
- C - Vibraphone 1

## UVI Workstation: Tips + Tricks

### MIDI Learn



Most UVI Workstation parameters can be automated via a convenient MIDI Learn. MIDI Learn allows you to bind a physical MIDI controller to specific parameters within UVI Workstation.

- ▶ Any FX tab parameter, Macro Knob or Slider in UVI instruments can use the MIDI Learn feature
- ▶ The MIDI controller type and the MIDI Channel assignment will be saved with the multi or with your song in the host sequencer
- ▶ Automation is assigned per-part

To use MIDI Learn:

1. Right-click the parameter in UVI Workstation that you want to automate
2. After the MIDI Learn dialog appears, Trigger the desired MIDI input controller (knob, fader etc.)

To remove a MIDI controller assignment:

Right-click the desired parameter and press "Delete"

### Unlimited FX



UVI Workstation offers a wide variety of FX, or effect processors, to cover all your audio processing needs. The FX implementation is robust and includes the ability to insert unlimited FX slots in several stages of the signal flow.

- ▶ Click the "FX" tab to open the FX page on the Single view
- ▶ In Multi view the FX section is always displayed

### Arpeggiator



UVI Workstation comes equipped with a robust arpeggiator. To insert an arpeggiator in a part, you need to display the Single view in the UVI Workstation, then click on the note icon. The arpeggiator can be employed as a pattern gate, arpeggiator, or even an advanced rhythmic processor for your live MIDI performance or sequenced MIDI tracks. Arpeggiators can be inserted in an unlimited number of parts.

### Preset Stacking

Thanks to the simplicity of the UVI Workstation you can stack as many preset as you want by simply assign multiple part on the same MIDI channel.

### Split, Velocity & Key Switch

	LOKEY	HIKEY	LOVEL	HVEL	KEYSWITCH	STREAMING	OUTPUT
A1 <> 089-HB-Sticks 01a.aif	<input type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input type="checkbox"/>	1 127	C3 Main Out
A2 <> Analog Strings	<input type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input type="checkbox"/>	1 127	None Main Out
A3 <> WerMa-Philli.aif	<input type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input type="checkbox"/>	1 127	None Main Out
A4 <> Synth Bass & Synth	<input checked="" type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input checked="" type="checkbox"/>	1 127	C3 Main Out
A5 <> Jazzistic Guitar 4	<input type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input type="checkbox"/>	1 127	None Main Out
A6 <> Lord Full-light	<input type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input type="checkbox"/>	1 127	C3 Main Out
A7 <> Inter Keyboard - Disco.aif	<input type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input type="checkbox"/>	1 127	None Main Out
A8 <> Acoustic Toy Medley	<input type="checkbox"/>	<input type="checkbox"/>	C-2	GB	<input type="checkbox"/>	1 127	None Main Out

The Keyswitch settings allow you to load multiple presets into two or more parts and dynamically play and mute them from your MIDI controller using key switching, note range, velocity range or any combination of the three parameters. This powerful feature gives you a great deal of real-time control.

### Scroll Wheel

All knobs can be adjusted with the scroll wheel on your mouse. When you double-click on any knob or slider, you can manually enter or type in the desired value.

## Links

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### UVI

- Home . . . . . [uvi.net/](http://uvi.net/) 
- Download UVI Workstation and User Manuals . . . . . [uvi.net/downloads](http://uvi.net/downloads) 
- Your Registered Product Serial Numbers and Download Links. . . . . [uvi.net/my-products](http://uvi.net/my-products) 
- FAQ . . . . . [uvi.net/faq](http://uvi.net/faq) 
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# Mello

## Credits and Thanks

### **Produced by UVI**

### **Recording / Editing / Sound Design**

Damien Vallet  
Kevin Guilhaumou  
Emmanuel Usai  
Alain J Etchart

### **Software + Scripting**

Olivier Tristan  
Remy Muller

### **GUI**

Nathaniel Reeves

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Manu @ Master Waves  
Gert @ eBoard Museum  
Candor Chasma @ mellotron.fr



UVI.NET