Hand Engine Lite 3.0.5 - Release Notes - Published

IR Owned by Igor Rezende •••
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New version	Hand Engine Lite 3.0.5
Previous version	Hand Engine Lite 3.0.2
Deprecated versions	N/A
Release date	1st November 2023
Operating system	Windows 10 or later, 64bit
Meaning of icons	+added, ^changed, !note, #fixed, -removed
Recommended	**FIRMWARE** **Firmware for the MoCap Pro glove - Studio model:** MoCap Pro Studio glove firmware update 2.1.16 or higher Bluetooth Dongle firmware update 2.1.16 or higher Both are included in the Firmware Updater Tool within Hand Engine.

1. Introduction

This document describes the new Hand Engine Lite version 3.0.5 release. This release includes:

- VCM Streaming options
- Bug fixes

It is recommended to upgrade only if you have acquired the new MoCap Pro Studio gloves. All other customers are advised to continue using Hand Engine 2.2.2 SDK.

If you are upgrading from Hand Engine 2.2.2 SDK, you must reactivate your license by going into **Help → Deactivate License** from the top left menu.

It is recommended to use the latest firmware.

2. Major Changes

+VMC Streaming setup option is now available in the settings window (Edit → Settings in the top left menu in Hand Engine).

#Fixed the Remap Tool where it was non-functional, streaming into MotionBuilder and Maya should run smoothly now.

#Fixed an issue where the Install Directory shortcut in Hand Engine was non-functional.

#Fixed an issue when closing Hand Engine with the settings window open would block access to the Firmware Updater tool.

3. Other Changes

^Moved the Master Timecode information from the Recording section into the Timecode section.

4. Known Issues

User Interface

- Constantly hovering the cursor over dropdown options from the Help menu on the UI may cause Hand Engine to crash.
- If the PC enters sleep/hibernation mode, Hand Engine crashes upon waking up.

Calibration

- Performance issues when using the *Smart Calibration:*
  - The *MoCap Pro Studio* has a slightly muted thumb motion, particularly in the *Paddle* and *Paddle Reach* poses.
- At the end of the calibration*,* the hand animation may freeze for a couple of seconds as the final model is trained.

Tools

- Firmware Updater:
  - Certain failures during the firmware update process such as the dongle being unplugged, USB port issues, glove losing connection may result in getting the update stuck. Restarting Hand Engine and running the update again fixes these issues.