



MIDIOSC Pro Release Notes

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Contact

For any queries regarding MIDIOSC Pro, please contact: midi@frillybits.net.

What's New

V10010

Rebuild for 2025

V1009

Rebuild for Q3-Q4 2024

V1007

Updated Command CSV file at [https://frillybits.blob.core.windows.net:443/public/Command%20-%20MOTU%20\(v102\).csv](https://frillybits.blob.core.windows.net:443/public/Command%20-%20MOTU%20(v102).csv) shows how the new MidiControllerValueTransform function works. The following additions add two new commands SetHighShelfGain and SetHighShelfFreq, i.e.

```
SetHighShelfGain,0=MidiControllerValueTransform(-20  
20);1=Decrement,"mix/chan/{1}/eq/highshelf/gain":{0}
```

```
SetHighShelfFreq,0=MidiControllerValueTransform(20 2000 0 20 -  
12.7436);1=Decrement,"mix/chan/{1}/eq/highshelf/freq":{0}
```

These can be used to control, e.g.



Note there are two ways to use MidiControllerValueTransform:

1. The first requires 2 parameters (min and max) and is a linear version so `MidiControllerValueTransform(-20 20)` will map the MIDI values between -20 and 20 in a linear relationship.



2. The second requires 5 parameters for a non-linear relationship (min, max and a,b,c coefficients of an exponential function). E.g. `MidiControllerValueTransform(20 2000 0 20 - 12.7436)` will map the MIDI values between 20 and 20000 with an exponential half-life curve. The last 3 values are the a,b,c coefficients of the exponential half life curve. FYI, you can see this computed curve at <https://mycurvefit.com/share/ecb3a6ab-8414-49c2-9bab-966e3891f71d>. Also, you could use MyCurveFit to create other such curves (and compute the coefficients a,b,c) which can be entered into `MidiControllerValueTransform`. I've used this exponential half-life curve for more flexibility in defining ranges.

The parameters to `MidiControllerValueTransform` are numeric values (optional minus symbol and use period as the decimal separator). The parameters must be separated by a space.

You can of course create additional MOTU commands using `MidiControllerValueTransform` to compute other ranges.

With these additional commands in place you can update your mappings file by simply referencing the new command, e.g.

```
1,Controller,3,-,SetHighShelfGain,1,,
```



Application Overview

MIDIOSC Pro is a tool for automating OSC controllers (such as MOTU AVB devices) via various MIDI controllers.

The software is fully customisable so that it is possible to write your own:

- OSC Controller
- MIDI Controller

MIDIOSC Pro's goal is to enable users to control any OSC controller with any MIDI controller.

MIDIOSC Pro is available in two editions:

- Standalone – runs as a standalone application
- VST Edition – runs as a VST plugin (useful for recording automation in your DAW)

Supported Platforms

Currently MIDIOSC Pro is available for Windows x64 platforms only. Contact FrillyBits.net to be notified when the forthcoming Mac version is available.

Downloads

MIDIOSC Pro Standalone edition is available from:

<https://frillybits.blob.core.windows.net:443/public/MIDIOSCPro-v1010-2025.zip>

(VST edition is available on request.)

Configuration Files

Starting point configuration files are provided here:

<https://frillybits.blob.core.windows.net:443/public/MIDIOSCPro-Config-Files-v1007.zip>

Video Guides

Check out the <https://www.youtube.com/playlist?list=PL08YhbRrIEwErz7xxTtZh7PJ-0oLiv1Yb>



License and Usage

FrillyBits.net is providing free access to MIDIOSC Pro v1.0.x.x standalone versions for early-adopters through 2025. Usage of this software implies agreement to these terms:

- Do not share the application itself with anyone else (without email permission from FrillyBits.net)
- Provide specific feedback to midi@frillybits.net
- Optionally provide any general feedback on the FrillyBits YouTube channel (such as "I tried it and ...")
- Share any MIDI map files that you create (for your MIDI controllers) for use in the public domain. (If this project is a success a user created library of MIDI controller maps would be a major benefit.)

Proceed with installation and use of the software implies your agreement to these terms.



Installation

Standalone Edition

Unzip the MIDIOSC Pro zip download and store the EXE at a convenient location, e.g. Desktop.
Double-click on its icon to launch.

VST Edition

Install the VST to your DAW, the steps will depend on your DAW.

Ableton Live

For Ableton Live copy the downloaded VST files to the VST3 folder, e.g.

C:\Program Files\Common Files\VST3

Create this folder if it does not already exist)

In Ableton Live open **Preferences** (Ctrl + ,) select **Plug-ins** and press **Rescan**

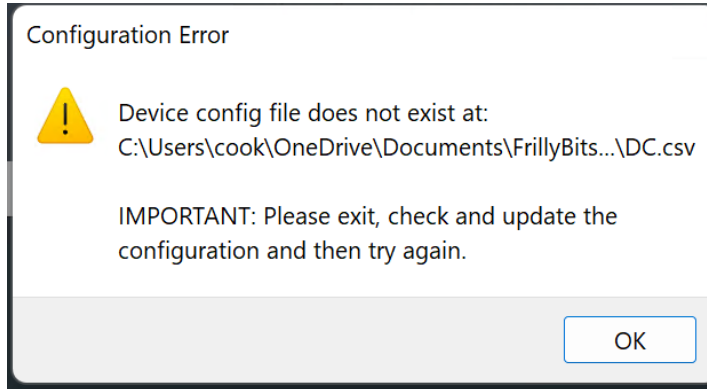
(Log files are stored C:\Users\Darren Cook\AppData\Roaming\FrillyBits)



MIDIOSC Pro Configuration

MIDIOSC Pro requires manual Configuration via CSV files to get started.

When you first launch MIDIOSC Pro without any configuration you will see an error message such as:



This is expected behaviour when the application first starts.

To resolve this, navigate to your **Documents** folder and manually create the **FrillyBits\MIDIOSCPro** sub-folders manually.

To get started with configuration files (from [Configuration Files](#)), store the downloaded example configuration files to the **MIDIOSCPro** folder. Thus, the DC.CSV file (plus other CSV files) should appear in folder:

C:\Users\<username>\Documents\FrillyBits\MIDIOSCPro\DC.csv

Modify the DC.csv file to reflect your OSC configuration and required MIDI controller.

For a walkthrough, please see: <https://www.youtube.com/watch?v=BsCJBfR9M1k> and related videos.



Software Notices

MIDIOSC Pro utilises various open source software projects, their notices are listed here:

CURL

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Troubleshooting

The code execution cannot proceed because VCRUNTIME140D.dll was not found.

Reinstalling the program may fix this problem.

Ensure the Microsoft Visual C++ Redistributable is installed. This is available from:

https://aka.ms/vs/17/release/vc_redist.x64.exe (More information at

<https://learn.microsoft.com/en-US/cpp/windows/latest-supported-vc-redist?view=msvc-170>)

Configuration Error | Device config file does not exist at:

C:\Users\<username>\Documents\FrillyBits\MIDIOSPro\DC.csv

This is expected behaviour when the application first starts.

You must create the FrillyBits\MIDIOSPro folders manually and create the DC.csv file.