

P1-M, V1-M & P1-Nano Scripts for Studio One Installation and Setup (V1.1)

These scripts are not endorsed or supported by iCON or PreSonus

This installation guide is also available as a video, included in these
playlists:

[P1-M and V1-M](#)
[P1-Nano](#)

Contents

Introduction	2
Requirements.....	2
iMap setup	2
Option 1 – Use the iMAP mapping files	3
Option 2 – Configure the Touch Screen Buttons Manually	3
Option 3 – Upgrading from a Previous Version	4
Script Files Installation	5
Studio One Setup	5
Configure F-Keys and User Footswitch Connections	6
User Settings	7
Donations.....	7
Licence	8

Introduction

You will need to download the scripts, documentation and the iMAP configuration files from the Forum. These are in the 'downloads' section here:

<http://icon.paulhenty.com/viewforum.php?f=4>

You will need to unzip the files.

This guide shows images of the P1-M iMAP software but the other versions of iMAP work the same.

Requirements

- Windows or MacOS
- PreSonus Studio One version 6 or later.
- iMap minimum versions:
 - P1-M/X V1.16
 - V1-M/X V1.25
 - P1-Nano V1.20
- Firmware minimum versions:
 - P1-M/X V1.08
 - V1-M/X V1.23
 - P1-Nano V1.22
- Displays Required
 - P1-M D4T
 - P1-X D4
 - P1-Nano D5

iMap setup

You need to configure the touch screen buttons to work with the script.

There are three options for this. Choose the one that's best for you:

Option	Pros	Cons
1. Use the iMAP mapping files to import all the required buttons.	Fast and easy	Overwrites all buttons in the profile so you'll lose any custom buttons you've added.
2. Add the required buttons to your existing profile manually.	Keep any buttons you have set up.	Takes longer. More work.
3. Upgrading from a previous version of the script	Keep any buttons you have set up. Only need to add buttons added since the last version (if any).	

Option 1 – Use the iMAP mapping files

1. Download the “iMAP-TouchScreenMaps.zip” file from the forum link above and unzip it to a folder on your computer.
2. Open iMAP and select the DAW profile slot you want to use.
3. I recommend backing up your current iMAP settings by using the [Save file] feature at the bottom of the iMAP screen.
4. Choose a DAW slot (1-3) to work with and make it active.
5. Select “Studio One” as the DAW.
6. Right-Click in any empty grey space (e.g. the shaded zone in purple in the picture) to bring up the shortcut menu.



7. Select “Load DAW Mapping” from the menu.
8. Navigate to where you unzipped the iMAP files and select the mapping called “StudioOneCustomScript”.
9. This will load and configure the touch screen buttons needed to use the script.

Option 2 – Configure the Touch Screen Buttons Manually

1. Download the documentation from the forum link below and unzip it to a folder on your computer.
2. Open the document called TouchScreenButtons.pdf.
3. This document shows you all the buttons the script uses. Those in green are already in the Studio One profile. Some of these might have a different label which you can just rename. (Note that to rename an existing button you may need to set the channel dropdown to 1).
4. Open iMAP and select the DAW profile slot you want to use.
5. I recommend backing up your current iMAP settings by using the [Save file] feature at the bottom of the iMAP screen.
6. Go through the list and add the buttons you would like to use. For example, if you never use Cue Mixes then there is no need to add the button for the Cue Mix Scene.
7. It may be useful to read the User Guide for your device (included in the same ZIP archive), or watch the video, to see what features you might want to use.

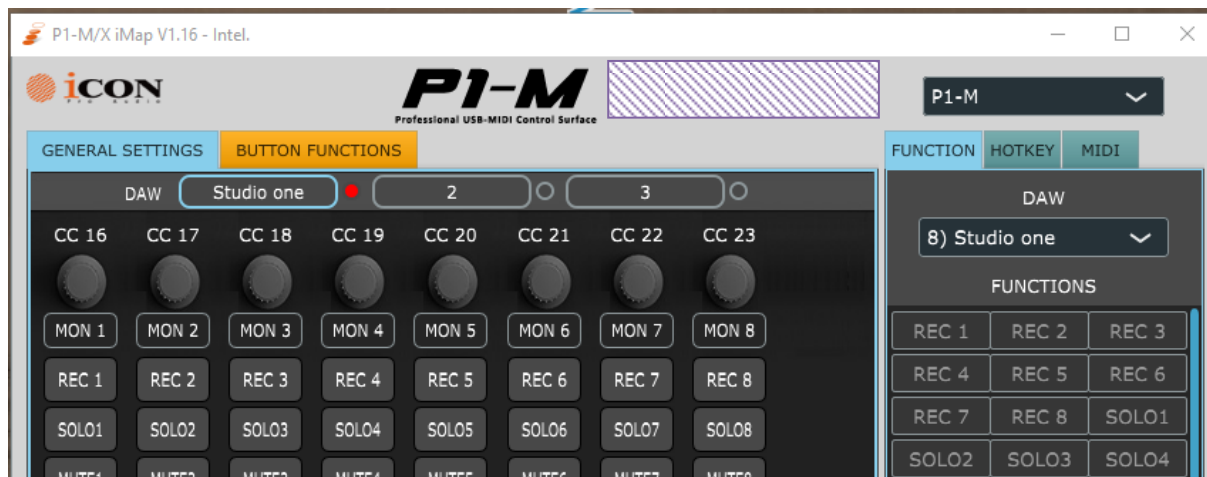
Option 3 – Upgrading from a Previous Version

1. Download the documentation from the forum link below and unzip it to a folder on your computer.
2. Open the file called TouchScreenButtons.pdf.
3. Open iMAP and select the DAW profile slot you want to use.
4. I recommend backing up your current iMAP settings by using the [Save file] feature at the bottom of the iMAP screen.

If you are upgrading from a previous version of the script (0.x) that used the Bitwig profile, please follow the next few steps to switch back to Studio One. Otherwise skip to step 15.

Switching back from Bitwig (upgrading from versions 0.x)

5. Right-Click in any empty grey space (e.g. the shaded zone in purple in the picture) to bring up the shortcut menu.



6. Select “Save DAW Mapping”.
7. Choose a folder and name the file something like ‘toStudioOne’.
8. Open this folder in your computer and edit this file in a text editor (e.g. Notepad on Windows, TextEdit on Mac). Do not use a Word Processor like Wordpad or Microsoft Word.
9. Near the top, find the <mode> line (highlighted in blue below)

```
<?xml version="1.0" encoding="UTF-8"?>

<mode id="1" mode="bitwig">
  <ctl id="1" kind="button" valueType="func" value="42" name="Pan" lockBy="0"
    ctrl="0" shift="0" alt="0" cmd="0" key="0" keyName="" type="nil">
```

10. Change this line to the following:

```
<?xml version="1.0" encoding="UTF-8"?>

<mode id="8" mode="studio-one">
  <ctl id="1" kind="button" valueType="func" value="42" name="Pan" lockBy="0"
    ctrl="0" shift="0" alt="0" cmd="0" key="0" keyName="" type="nil">
```

11. Save the file, close the text editor, and go back to iMAP.
12. Get the shortcut menu up again and select “Load DAW Mapping”.
13. Select the same file you’ve just changed.

14. Your iMAP software will now show Studio One instead of Bitwig.

Adding New Buttons

15. At the bottom of the TouchScreenButtons.pdf you'll see a list of all buttons added for each version of the script.
16. Go through all the buttons added since your last version and see if there are any you want to use and add them to your touch screen.

Script Files Installation

1. Download the controller scripts from the forum link below and unzip it to a folder on your computer.
2. In Studio One go to the Help menu and select "Open Settings Folder".
3. Open the folder called "User Devices". (If this folder doesn't exist, create it – include the space).
4. Copy the folder "iCON (Unofficial)" from the downloaded Zip file to the "User Devices" folder.

Studio One Setup

1. Open Studio One – Stay on the home screen.
2. Open the Options dialog from the menu:

Windows: Studio One -> Options...

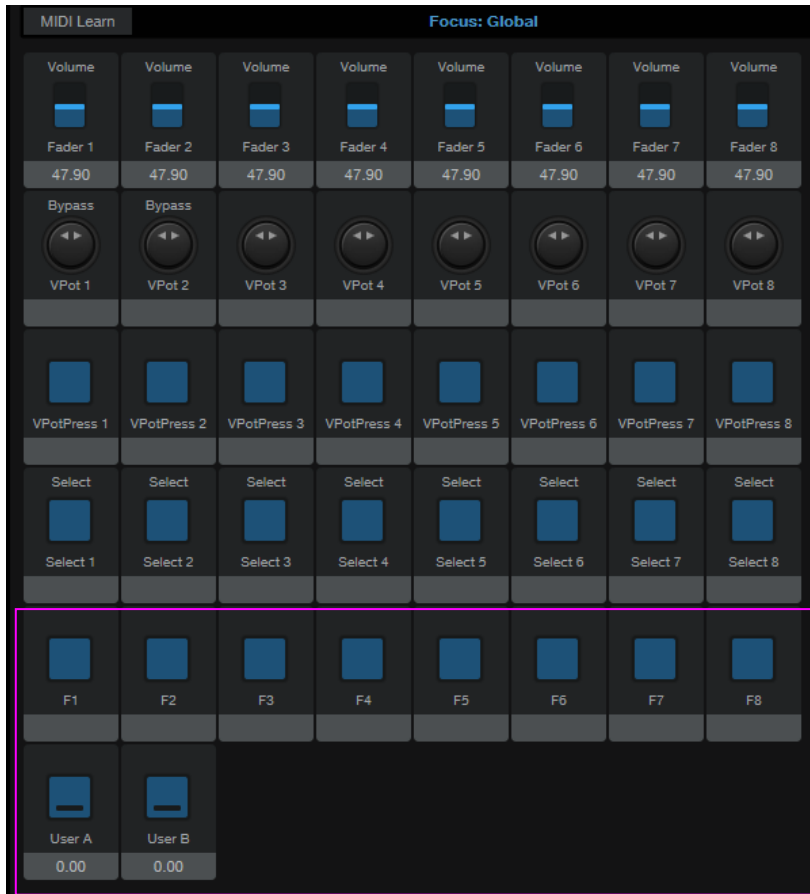
MacOS: Studio One -> Preferences...

3. Select the External Devices tab.
4. If you have been using the Mackie Controller/Extender script delete them.
5. Press [Add...], open the "iCON (Unofficial)" node in the treeview.
6. Select the unit(s) you have and set the Midi In/Out ports.
7. If you have extenders, press [Placement...] and drag your units into a group with the correct placement.
8. The installation is now complete. You can now open a song.
9. To update in the future, you only need to copy the new files into 'User Devices/iCON (Unofficial)'.

Configure F-Keys and User Footswitch Connections

You can bind the user function keys (F1 – F8) and the User A/B Footswitch connections to any Studio One function you want.

1. In Studio One bring up the Console and from the left hand bar press the “Show External Devices” button.
2. In the ‘External Devices’ pane, double-click the V1-M, P1-M or P1-Nano device.



3. Find the F1-8 buttons and the User A/B footswitch buttons. These are the controls you can map to whatever Studio One functions you like.
4. To map a button, right click on the blue button area and select “Assign Command...”
5. A command selection dialog appears allowing you to search for and assign one of the many commands available in Studio One.
6. After assignment, pressing the corresponding F-Key on the iCON touch screen will run that command.
7. You can use iMAP rename the button on the touch screen to reflect the command you have assigned.

Button Types:

By default the footswitch connectors are set as 'on/off buttons'. Pressing and releasing the footswitch will turn the button on. Pressing and releasing it again will turn the button off.

By default the F keys are set as 'press release buttons'. Pressing the button will turn the button on, releasing it will turn it off.

You can change any of the button type by clicking [midi learn], then right clicking the blue button. A menu appears where you can select the type of button. Press [midi learn] again to go back to programming mode.

User Settings

The user settings allow you to customise some aspects of how the scripts work to better suit your workflow and preferences.

The settings file is called UserSettings.txt. It will be created in the installation folder when the script is first run.

You can edit this document in a text editor (e.g. Notepad on Windows, TextEdit on Mac) to set your preferences. Do not use a Word Processor like Wordpad or Microsoft Word. These add formatting and will make the file unreadable to the script.

Each setting is contained in a block. The format is as follows:

```
=====
- Setting Name
=====
- Description
-----
- List of options and what they do
-----
setting=value
-----
```

The last line is where you change the value after the = sign.

Donations

You are welcome to use the scripts free of charge.

Many months of work have gone into creating the scripts, videos and documentation. If you find them useful and would like to make an optional donation for this work and future development, please use one of the following methods.

PayPal/Visa/Mastercard	PayPal (Please select the "iCON scripts" option from the dropdown)
Bitcoin (BTC)	bc1qa2mhtgn7m5xc8wwr72cxwppgl4p8efd4gvdv79
Ethereum (ETH)	0x72aD630F1e6d5dFb0B3E1B4b09371dee025F7C0a

Licence

- The ownership and copyright of these scripts belongs to the author Paul Henty.
- You are granted the nonexclusive right to use these scripts to drive iCON control surfaces in Studio One for personal or commercial activities.
- No warranty of any kind is provided with these scripts.
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