iCON Pro Audio

P1-X

Professional Control Surface

The future of DAW controllers is here!

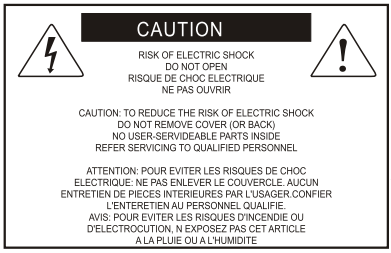
Extend the revolution!

Presenting the extender for the P1-M, the new shining star of mid-sized MIDI DAW control surfaces! Extend your P1 system with 8 12 bit ALPs faders, 8 endless, smooth action rotary encoder knobs and 32 channel buttons. Supported by highly advanced software and intuitive, intelligent design, the P1-X extender is further expandable with the D-4 display unit and further P1-X units.

Luxuriate in an extendable, outstanding quality mixing experience at a reasonable price!

User manual

DER GRÜNE PUNKT CE FC CN1630



The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated hazardous voltage within the device's enclosure, which may be of sufficient magnitude to induce a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the device.

Important Safety Instructions

1. Read this manual thoroughly before using this unit.
2. Keep this manual for future reference.
3. Take notice of and comply with all warnings included in the user's manual or indicated on the appliance.
4. Follow all instructions included in this manual.
5. Do not expose this unit to rain or moisture. Avoid having water or other liquids spilled on this unit.
6. When cleaning the cabinet or other parts of this appliance, use only a dry or slightly damp soft cloth.
7. Do not block any ventilation openings or interfere with the proper ventilation of this unit. Install in accordance with the manufacturer's instructions.
8. Do not use or store near any heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
9. Do not interfere with plugs in any way. Do not open the unit. ALWAYS consult an electrician for any proposed electrical work and NEVER attempt any remedial work yourself.
10. Protect the power cord from being walked on or otherwise damaged by items placed on or against them. Particular attention should be given to the plugs, receptacles, and the point where the cord exits the appliance.
11. To avoid the risk of electrical shock, do not touch any exposed wiring while the unit is in operation.
12. Only use attachments/accessories specified by the manufacturer.
13. Unplug this unit and all connected electrical equipment during lightning storms or when left unused for a long period of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way or fails to operate normally.

WARNING: To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture

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Introduction

Firstly, congratulations on your purchase of the ICON Pro Audio P1-X MIDI DAW controller extender for the P1-M. In these pages, you'll find a detailed description of the features of the P1-X and a full list of specifications.

Please register the product on our website at the link below
my.iconproaudio.com/registration

As with most electronic devices, we strongly recommend you retain the original packaging. In the unlikely event that the product is returned for servicing, the original packaging (or reasonable equivalent) is required. With proper care and adequate air circulation, your P1-X MIDI DAW controller extender will operate flawlessly for many years to come.

We trust that this product will provide years of excellent service and in the unlikely event that your product does not perform to the highest standard, every effort will be made to address the issue.

What's in the package?

- P1-X Extender unit
- Quick Start Guide x 1
- USB C Cable x 1
- AC adaptor x 1

Register your ICON Pro Audio product to your personal account

1. Check the serial number of your device

Please go to **my.iconproaudio.com/registration** or scan the QR code below.

Input your device's serial number and the other information on the screen. Click "Submit".

A message will pop up showing your device information such as model name and its serial number - Click "Register this device to my account". If you see any other message, please contact our after-sales service team

2. Log in to your personal account page for existing users or sign up as a new user

Existing user:	Please log into your User Center by inputting your user name and password.
New user:	Please click "Sign Up" and fill in all the information.

3. Download all useful materials

All your registered devices under your account will show on the page. Each product will be listed along with all its available files such as drivers, firmware, user manuals in different languages and bundled software etc. for download.

Features Pt. 1

As your production needs grow, you may consider adding further channels to your P1-M MIDI DAW controller unit. The great news is, that you can add as many as your DAW (and desk!) allows!

Expanding the amount of channels of your P1-M system with the P1-X extender unit with 8 fresh new channels, brings you greater control and less banking through tracks.

The P1-X brings you 8 touch-sensitive, 12 bit motorized faders with beautifully designed fader caps, designed to ergonomically fit your finger for a more comfortable mixing experience.

Your P1-X comes with 8 endless, smooth action rotary encoders, 32 illuminated buttons per channel, (rec, solo, mute and sel)

As with the P1-M, the P1-X features the super-stable Cortex-M7 @500 MHz ARM chip , which will ensure the machines will offer you reliability, durability along with ground breaking functionality for many years to come.

A highly advanced user-friendly generation of iMAP™ software supports the P1-X as well as the P1-M. Simply launch at the start of each session to ensure that commands such as 'Lock' not only apply to the main unit, but to the P1-X extender as well. This is because of the clever way that the iMAP acts as a bridge between the hardware and the computer. There is no secondary software to worry about, so no lag - the communication is super fast and changes are affected immediately.

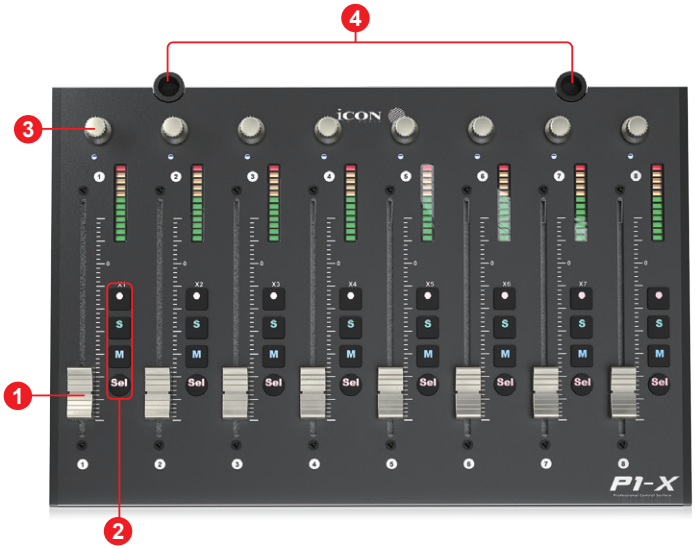
The only question now is, just how many P1-X units to add to your P1-M!

With the optional D-4 display unit, the P1-X, coupled with the P1-M and D-4T display unit gives you complete control over your projects. This intelligent, intuitive and highly attractive system will suit anyone's aesthetic and feature requirements. The professional feel, design and functionality of the P1-X and the P1-M will bring you closer to your music, improve your workflow and heighten your experience. Welcome to the revolution!

Features Pt.2

- Functions as an extender for the iCON Pro Audio P1-M MIDI DAW controller
- 8x touch-sensitive motorized faders with 12-bit resolution
- Extremely hardwearing, durable and versatile
- On-board 2 inch TFT display showing channel name, control values, channel colors etc. (DAW dependent)
- 8 smooth action dual-function encoder knobs (Rotate and Enter)
- Illuminated buttons for channel control including Mute, Solo and Record
- Supports Universal Mackie Control and HUI protocols for seamless integration with compatible music production software
- Supports Ability, Audition, Ableton Live, Bitwig, Cakewalk, Cubase/Nuendo, Digital Performer, FL Studio, Mixbus 32C, Pro Tools, Logic Pro, Reaper, Reason, Samplitude, Studio One and Tracktion Waveform
- iMap™ software included
- USB C high-speed connectivity
- Firmware upgrade available via USB C connection and iMap™ software
- Superior build quality and robust metal casing with Kensington lock port
- Superb reliability with the Cortex-M7 @500 MHz ARM chip

Top Panel Layout



NOTE: The P1-M is a universal DAW controller (i.e. not designed for one specific DAW). Functions will operate slightly differently between DAWs. Please refer to your DAW manual for each function.

1. Faders

The eight ergonomically designed, motorized faders are generally used for controlling the track volume of the DAW. Depending on your DAW, you may use the “Flip” button to swap the rotary encoders and the fader functions. This may be useful if making very intricate moves for PAN or plug-in parameter values commonly executed using the rotary encoders. The 12 bit resolution faders are capable of very detailed movement.

Any automation recorded in a project will be reflected by the fader positions. All faders are touch sensitive and allow the user to override automation the moment a fader is touched.

2. Recording channel control buttons section

REC button - Activate and deactivate the recording state of the associated channel. The switch will light red when the channel is armed.

SOLO button - Activate/de-activate the solo state of the associated channel. The switch will light green when the channel solo state is on and other channels will be muted.

MUTE button - Activate and deactivate the mute state of the associated channel. The switch will light blue when the channel is muted.

SEL button - Select the channel

3. Knobs

The eight smooth, noiseless, endless rotary encoder knobs are generally used for controlling the track pan position, aux send levels and EQ of your DAW. You may also use them to adjust specific parameters within plug-ins and virtual instruments, (as your DAW software allows). The push-button action of the knob can be used to change modes of operation within the DAW (this is DAW dependent) and the rotating action of the knob can be used to change parameters of PAN, EQ, plug-in values etc.

4. D4 sockets

These sockets are used to house the 'legs' of the D4 display unit. A D4 display unit will significantly enhance the experience of the user. Without a D4 unit, if the user wishes to affect a change in, say a plug in, they may observe parameter changes etc. in the DAW itself or on the smaller, on-board display, (information displayed is DAW-dependent).

Rear Panel Layout

1. **USB C port**
   Functions as a MIDI port to your computer and compatible software.

2. **12V/2.5A power adapter port**
   Connect the power adaptor provided, here.
   (Note: the P1-M is not able to work without the provided power adaptor connected. USB bus power from a computer is insufficient).

3. **User A / User B ¼ inch inputs**
   These ¼ inch inputs are used to connect to foot pedals to activate selected functions in your DAW. To set their parameters, select USER A and USER B parameters in your DAW.

4. **D4 display unit connector**
   Connect your optional D4 display module to this connector with the provided cable. The D4 displays a range of DAW dependent information as well as digital metering. The D4 TFT makes adjusting parameters of plugs-ins and EQ easy, with less staring at your DAW and more interaction with your DAW controller!

Getting Started with the P1-X

1. **Connect the P1-X to your Mac/PC via the USB C port**
   Choose a USB port on your Mac/PC and insert the USB C cable. Connect the cable's other end to the P1-X. Switch on! Your Mac/PC should automatically "detect" the new hardware.

2. **Configure the 3x DAWs you wish to connect to**
   You will have already allocated 3x DAWs in the P1-M iMAP and assigned them to the 3x DAW buttons on the P1-M, (see the iMAP section of the P1-M manual).

   These are the DAWs that are used as examples in the P1-M manual;

DAW #1	**Bitwig**
DAW #2	**Cubase**
DAW #3	**Logic**

For clarity purposes, we'll continue to use these examples in the following pages to demonstrate how you will configure the DAWs to the P1-X .

Firstly, let's get one thing very clear;

You do NOT need to allocate DAWs to the P1-X so that it recognizes which is DAW#1 is, DAW #2 is and so on. You've already set that up on the P1-M. This will be communicated to the P1-X.

Now, you only have to ensure that the DAW programs know the P1-X and the P1-M are trying to communicate to them.

Read on to find out how.

Setting up the P1-X in the DAWs

Since you will have allocated 3 DAWs within the P1-M iMAP, you will need to configure those DAWs so that the P1-X recognizes them and the DAW/s recognize the P1-X, along with the P1-M. This is done is the same way as the P1-M. In some DAW's you might add the P1-X as another instance of 'Mackie Control', in others you may need to add the P1-X as a 'Mackie extender'. Please refer to your DAW manufacturer's manual if in doubt.

This is the basic principle of how to add the P1-X extender;

Note: MIDI port 4 is used by the iCON Pro Audio software, iMAP(TM), to change the three DAWs you use, to update firmware and to program the 16 panel touchscreen with the functions of your choice.

These four options will appear as a menu from which you can select your chosen DAW.

So, remembering our examples of;

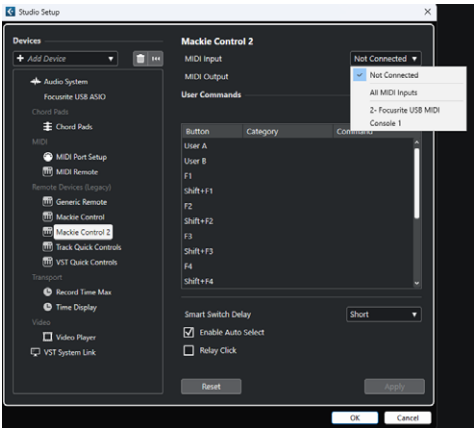
DAW #1	**Bitwig**
DAW #2	**Cubase**
DAW #3	**Logic**

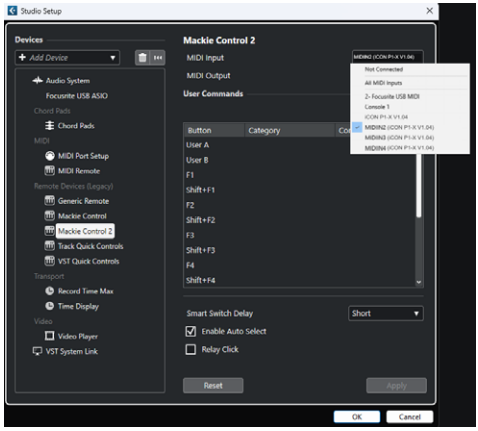
We know that we need to select 'P1-X V1.01' (or whichever firmware version it is*), in Bitwig because that is the DAW we have chosen to be DAW #1 on the P1-M. When you press DAW #1 on the P1-M unit, the P1-M *and* P1-X will automatically go into Bitwig mode.

In our example, Cubase is our second DAW, so when we are configuring our DAW to work with the P1-X, we will need to select 'MIDIIN2 (P1-X V1.01)' or whichever firmware version it is*) in the menu. When the P1-X is set up as a Mackie control device in Cubase, whenever we press '2' in the DAW Controller selection section on the P1-M, the P1-M and P1-X will automatically select Cubase.

The same applies for Logic, although this time we are going to select 'MIDIIN3 (P1-X V1.01)' (or whichever firmware version it is*) to automatically select this DAW.

Here's an example of how it is set up in Cubase.





As you can see, when configuring the device as a Mackie controller, there is a choice of 4 possible options.

Because we have set up Cubase to respond to DAW control button '2' on the P1-M, we are going to select 'MIDIIN2 (P1-X V1.01)' when connecting the P1-X.

Please also note, (although this is specific to Cubase), that users should use Mackie Control in the usual way to set up their devices in Cubase 12 onwards and not Cubase's MIDI Remote Manager.

Regardless of the supported DAWs you are using, the principle will be largely the same.

Allocating Extenders

The order in which the units are placed (for example, one extender to the left of a main unit, or a main unit placed in between two extenders), is determined by the order in which you configure the units in your DAW.

However, the DAW needs to be able to identify which extender unit is which, to do this. Therefore, we need to assign an identity to each unit. The identity will be X1-X7* and is set using the REC key of your extender when it is switched on, (press the correlating REC so that it illuminates on your extender device directly after startup).

Note: This is not required of the P1-M main unit as its identity is already set.

*Very early production P1-X models do not have X1-X7 printed on them & the P1-M doesn't have X1-X7 printed at all. However, it is easy to remember; X1=position 1, X2=position 2 etc.

The maximum amount of extenders allowable is seven. This is dictated entirely by your DAW - please check your DAW literature for details.

All controller units are set in place by the DAW, (i.e. using Mackie Control 1, Mackie Control 2 etc.). However, although the main P1-M unit will be placed in this way, there is **no requirement to set the P1-M's identity using the REC button** as it will be recognised as a main controller in the DAW. **The extenders must have an identity associated to them, which is set by the REC on startup.**

Think of this as, from left to right, positions 1,2,3,4 and so on. The extenders will inhabit the positon according to where you wish them to reside.

In Example 1, the extender is in position 1, the main controller is in position 2. Therefore, the REC button must be pressed on startup on channel 1 on the sole extender in this configuration.

In Example 4, the 3 extenders occupy positions 1,2,3 and the P1-M main unit inhabits positions 4. Therefore, the user would press REC on Ch1 on extender 1, REC on Ch2 on extender 2 and REC on Ch3 for extender 3.

In Example 2, it gets a little more complicated, because the user doesn't press REC on the P1-M main unit in the middle. The user would therefore press REC on Ch1 for the 1st extender, do nothing for middle main controller in position 2 and then press REC on Ch3 for the 2nd extender.

This need only be done once until you reset your configuration.

Example 1. P1X>>P1M (from left to right)
P1-X: Press the 1st track REC and set it to P1X1 = 1st position
P1-M: No action required.

Example 2. P1X>>P1M>>P1X (from left to right)
P1-X: Press the 1st track REC and set it to P1X1 (P1-X on the left) = 1st position
P1-M: No action required
P1-X: Press the 3rd track REC and set it to P1X3 (2nd P1-X on the right) = 3rd position

Example 3. P1X>>P1X>>P1M (from left to right)
P1-X: Press the 1st track REC and set it to P1X1 (1st P1-X on the left) = 1st position
P1-X: Press the 2nd track REC Set to P1X2 (2nd P1-X on the left) = 2nd position
P1-M: No action required

Example 4. V1X>>V1X>>V1X>>V1M (from left to right)

P1-X: Press the 1st track REC and set it to P1X1 (1st P1-X on the left) = 1st position

P1-X: Press the 2nd track REC and set it to P1X2 (2nd P1-X on the left) = 2nd position

P1-X: Press the 3rd track REC and set it to P1X3 (3rd P1-X on the left) = 3rd position

P1-M: No action required

Allocating Multiple Extenders within the DAWs

Once you have completed the steps above, you must configure the units within your DAW. Let's use Cubase as an example and configure these units as per example 2, (i.e. one P1-X extender on either side of the P1-M). Bear in mind Cubase works for right to left, **not** left to right, (which is the order in which we have set the identities of the extender controllers).

The configuration would look like this;

Mackie Control : iCON P1X3 (P1X on the right)
Mackie Control2: iCON P1M (Middle P1M)
Mackie Control3: iCON P1X1 (P1X on the left)

In example 3, i.e. 2x P1-X's on the left and the P1-M on the right it would look like this;

Mackie Control : iCON P1-M (on the right)
Mackie Control2: iCON P1X1 (Middle P1-X)
Mackie Control3: iCON P1X2 (P1X on the left)

In Ableton Live, configuring extenders according to your own specifications again will be slightly different, because the DAW works from left to right, (the top entry being the left hand side).

Using the same example (Example 3), in Ableton Live, the configuration will look something like this;

Mackie Control XT: iCON P1X1 (on the left)
Mackie Control XT: iCON P1X2 (in the middle)
Mackie Control: iCON P1-M (on the right)

You need to complete the steps described in this section only once until such time as you change your configuration.

If the user has 2x P1-X units either side of the main P1-M unit, (as in example 2 in the previous pages) most DAWs would either use Mackie Control 1 and 3 for the extenders and Mackie Control 2 for the main P1-M unit as the two extenders occupy positions 1 and 3 and the P1-M is in the middle - position two.

Position 1
set by
pressing
REC on Ch1
appears in the
DAW as
P1-X1

Set position via the DAW as Mackie Control (either 1 or 3 depending on if the DAW works right to left or left to right) *or* Mackie XT (unless using Pro Tools which uses HUI)

Position 2

Not set

X

appears in the
DAW as
P1-M

Set position via the DAW as Mackie Control 2 as the P1-M is in the 2nd position.

Position 3
set by
pressing
REC on CH3
appears in the
DAW as
P1-X3

Set position via the DAW as Mackie Control (either 1 or 3 depending on if the DAW works right to left or left to right) *or* Mackie XT (unless using Pro Tools which uses HUI)

Some DAWs use 'Mackie XT' and only use 'Mackie Control' for the main controller. Therefore, the configuration used in Example 2 would be achieved by the user adding the two extenders as two instances of 'Mackie XT' for the extenders in positions 1 and 3 and may be labelled Mackie XT1 and Mackie XT2 and 'Mackie Control' for the P1-M main unit in positon 2.

Bear in mind that some DAWs work from left to right or opposite as described in the example opposite. In Cubase (which works from right to left), the first extender to add (as Mackie Control 1) in the example above would be the one in the third position (i.e. P1-X3). The middle unit would appear in Cubase simply as P1-M (no 'X' numbers as it's not an extender). This would be added as Mackie Control 2. The extender on the left side of the main unit would be added as Mackie Control 3 as P1-X1, (the first position)

Launching the P1-X in Every Day Use

Please launch the controller/s first, then the iMAP, and then the DAW. This will allow the iMAP to communicate to the hardware directly.

The iMAP communicates directly to the hardware only and does not communicate to other software - this ensures that the speed of communication is fast and unhampered by secondary factors.

The iMAP acts as a kind of 'bridge' between the P1-M main unit and any P1-X extenders you may be using and ensures cohesion. The 'Lock' function, when used in conjunction with a P1-X extender unit for example, will work as expected. If the iMAP is not connected, it won't.

Of course, if you are expecting to make any changes with the programming of functions, the iMAP will need to run concurrently with the P1-M hardware.

Lastly, the reason for using the sequence of Controller, iMAP, DAW is because MIDI port 4 is used by the iCON Pro Audio software, iMAP™, to change the three DAWs you use, to update firmware and to program the P1-M's 16-panel touchscreen with the functions of your choice. You cannot use this port to connect your device.

Unfortunately, some DAWs will automatically try to occupy Port 4 when launched and this will prevent the iMAP from functioning properly. The iMAP, therefore, needs to be turned on before the DAW/s and after the controller to make sure it occupies that MIDI port and to ensure it is connected properly.

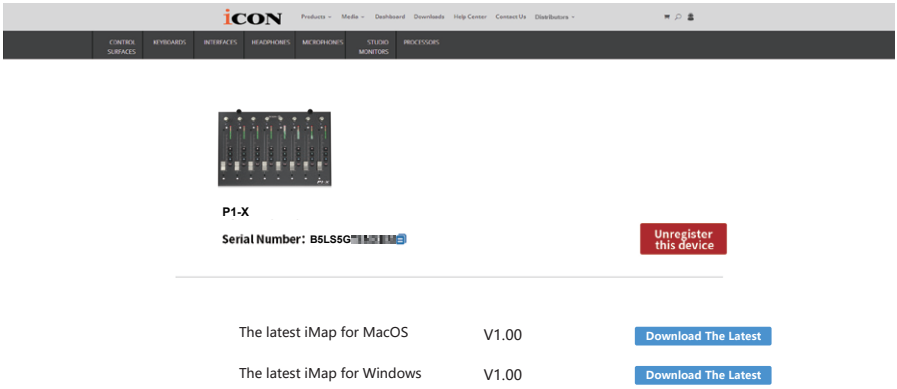
Remember to pause for a moment between each step to ensure each one has loaded correctly.

Installing iMap™ for the Mac

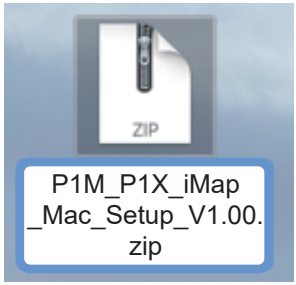
Please register your device and visit your Personal User Center at www.iconproaudio.com

After you downloaded the file, please click it to start the installation process.
The iMAP will also be available on the product page at www.iconproaudio.com

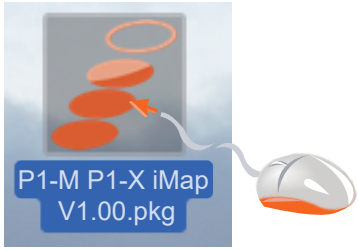
Tip: *By "dragging and dropping" the "P1-M" icon into the "Applications" folder, you can create an "iMap" shortcut on your Mac's desktop.*
Note: *There is* **one** *iMAP for both the P1-M and P1-X - you can swap between the two vesions by clicking the "title".*



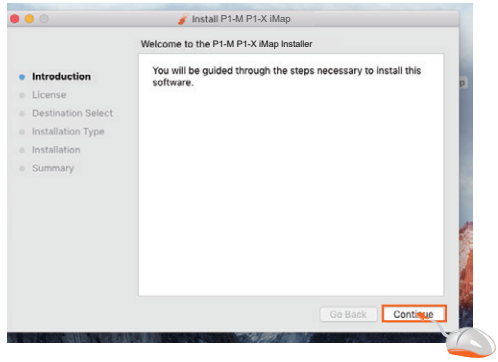
1. **Download iMAP™ (Mac) from your User Center for your device. (Please refer to P.5 "register your ICON Pro Audio product to your personal account" for creating your User Center).**



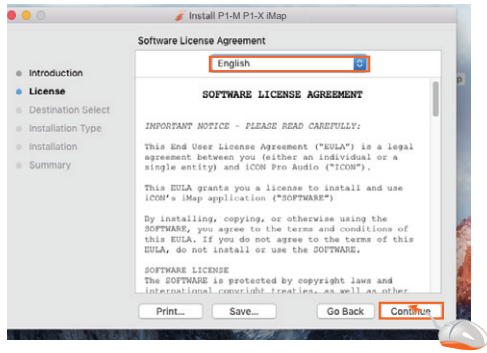
2. **Unzip the file by clicking on it.**



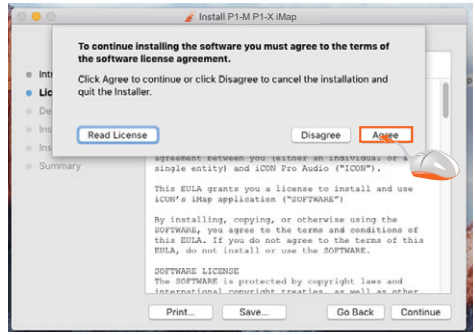
3. **Click “Continue”.**



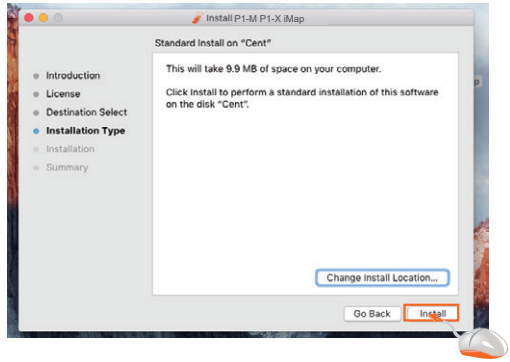
4. **Read the license agreement. Click “Continue”.**



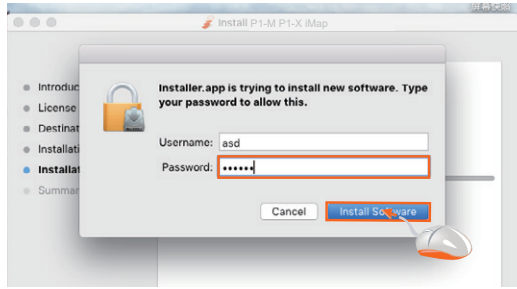
5. **Click “Agree” to agree to the license terms.**



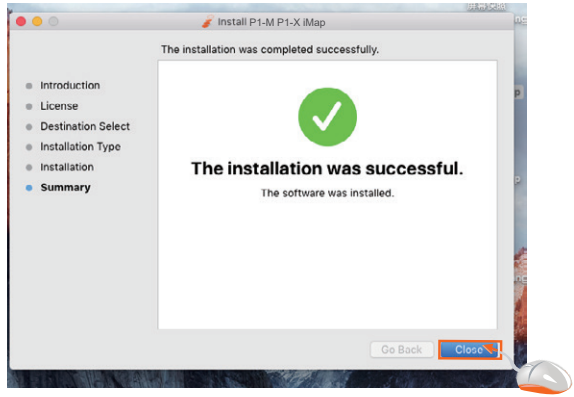
6. **Click “install”.**



7. **Enter your username and password. Click “Install software”**



8. **Click “Close” after installing your iMAP software.**



9. **Click on the shortcut to launch the iMAP.**

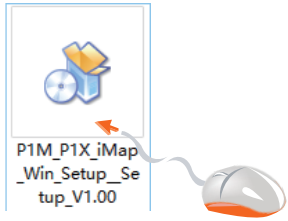
Installing iMap™ for Windows

Please register your device, visit your Personal User Center at www.iconproaudio.com and download the iMAP. iMAP is also available on the product page on the website www.iconproaudio.com.

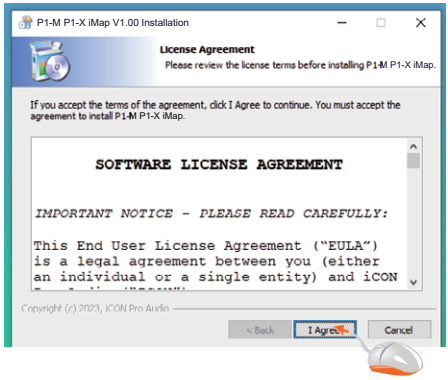
Note: *There is* **one** *iMAP for both the P1-M and P1-X - you can swap between the two versions by clicking the "title".*

Please follow the procedures below step-by-step to install your iMap™ software.

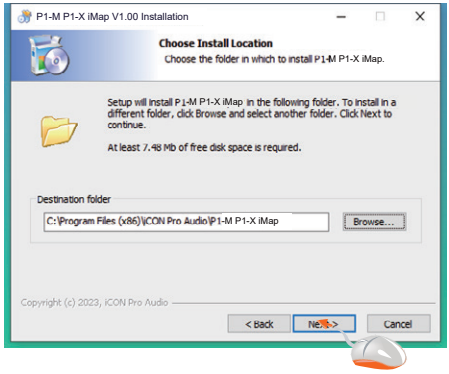
1. **Turn on your PC.**
2. **Download the iMap from your Personal User Center at www.iconproaudio.com**
   After you download the file, please click it to start the installation process.



3. **The Setup Wizard will appear**
   Setup wizard appears, please click “I Agree”

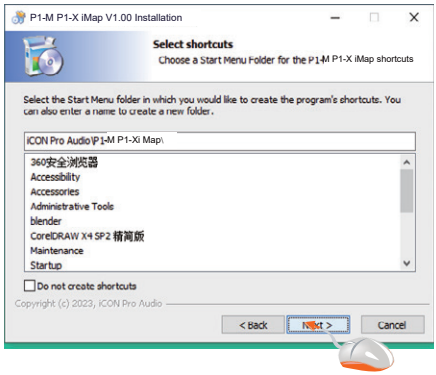


4. **Choose Install Location**
   Choose your preferred install location for iMap™ or use the default location and click “Next”



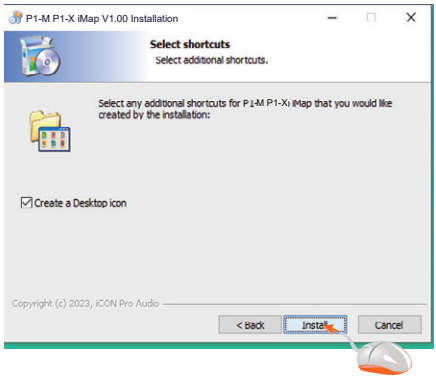
5. Select shortcut

Select the start menu folder in which you would like to create the iMap™ shortcut. Then click “Next”



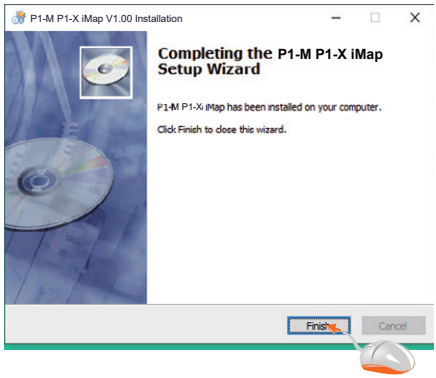
6. Create a shortcut on your desktop

Please uncheck the box if you do not want to place a shortcut icon on your desktop for iMap™; otherwise click “Instal”.



7. iMap™ begins installation

The iMap™ installation has now started, wait for it to finish. Then click “Finish”.



8. Installation finished

Click “Finish” to complete the iMap™ software installation.

The iMAP™

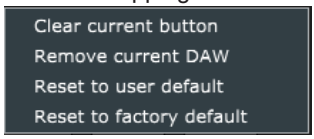
The intelligent design of the new, highly advanced iMap means that users can make changes in real time.

Please note that you must click on the 'title' of the iMAP to change the controller you are programming. In order to change the programming of the P1-X, click the title 'P1-M' to change it to 'P1-M' and vice versa.

Sending your own MIDI messages

You may adjust "Pitch", “Note”, “CC”, “Channel” and “Message” values for MCP and “Value 1”, “Value 2” and “Function” for HUI, depending on the control element. The results will be transmitted to the P1-X instantaneously! Users may use the iMAP to program their own MIDI messages to both the faders and the rotary encoders, (buttons are covered by the touchscreen on the main unit – please see the manual for details).

On the iMAP, right-click the switchgear to ‘Reset all to user default’ (the user values set via the 'Save all as user default' button) or 'Reset current to factory default' values (the initial value of the current DAW mode you are in), if you decide you no longer wish to retain your MIDI mapping choices.



Please note that when using ‘Bitwig,’ right-clicking on any encoder and selecting ‘restore to default’ will result in all switchgear, (and the touchscreen on the main unit) reverting to their initial values.

Equally, selecting an alternative DAW (DAW buttons 1-3) will ‘overwrite’ any user programming to that of the selected DAW.

Using Virtual Instruments

Some users like to use DAW controllers to control the parameters of Virtual Instruments. It must be noted from the outset that this is entirely DAW and Virtual Instrument-dependent. Some Virtual Instruments have limited (and sometimes no) functionality.

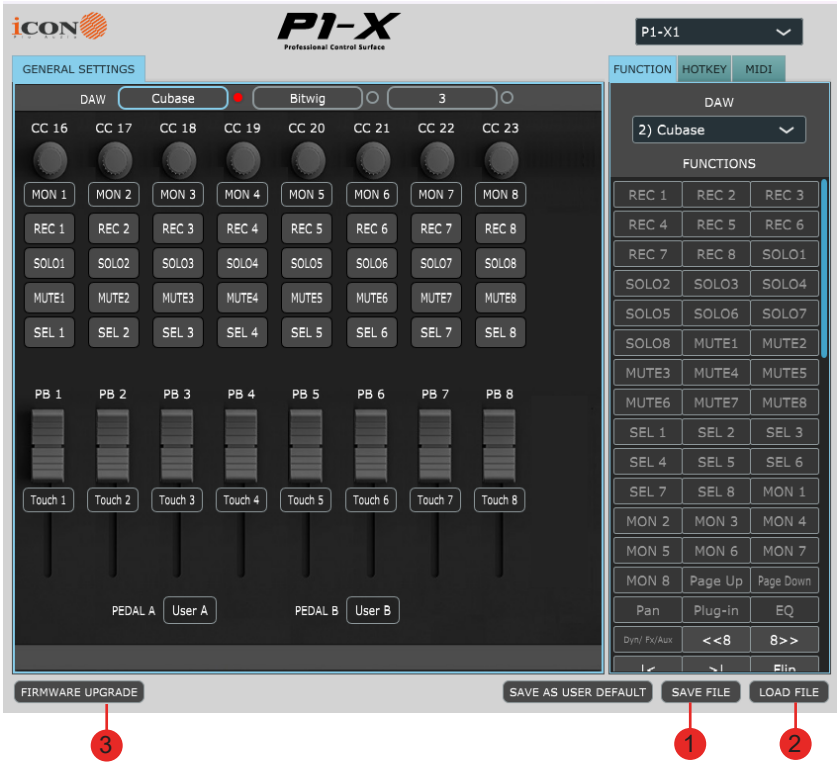
There are various CC values that can be programmed i.e. CC1 (Modulation) and CC11 (Expression) are the most commonly used parameters).

Please note that ‘vibrato’ has no CC value and, should that parameter be a feature of a Virtual instrument you would like to control, you may be able to map it via MIDI learn. MIDI learn instructions can be found in the manual for your DAW.

Please note that some virtual instruments have limited capability in respect of receiving communication from generic or universal external controllers.

Please also note that the jog wheel on the P1-M can be used as a parameter controller of plug ins, EQs and instruments, ***without*** *having to program it especially, by pressing the 'focus' button and hovering with your mouse over the parameter in question. This is a potentially extremely useful and powerful feature and very simple and easy to use! It's definitely one to remember!*

Other Functions in iMap™



1. **“Save file” button**
   Click this button to save your current settings for the P1-X. The file is an. “imap” file.

2. **“Load file” button**
   Click this button to load a previously saved “. imap” setting file for your P1-X.

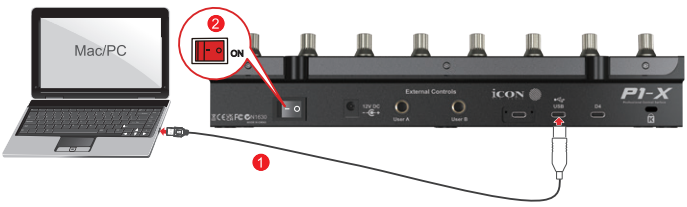
3. **“Firmware Upgrade” button**
   Click this button to enter into the firmware upgrade window for P1-X. Please refer to the firmware upgrade procedure, which follows.

Firmware upgrade

P1-X functional firmware upload procedure

IMPORTANT: CHOOSE THE CORRECT P1-X EXTENDER UNIT FROM THE DROP-DOWN MENU ON THE RIGHT IN ORDER TO UPDATE IT'S FIRMWARE. X1-7 POSITIONS ARE EXPLAINED IN THE 'ALLOCATING EXTENDERS' SECTION IN THIS MANUAL. ALWAYS CHECK YOU ARE UPGRADING FIRMWARE FOR THE CORRECT DEVICE.

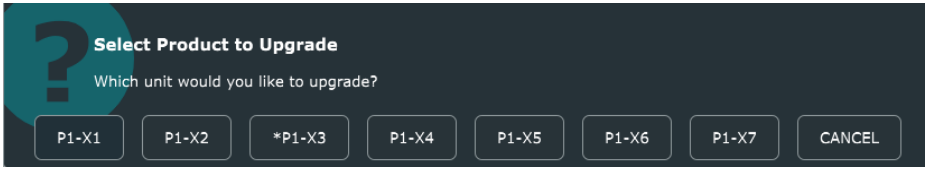
Warning: *The firmware upload process MUST be completed and not interrupted during the file upload, otherwise the firmware may not be rewritten again.*



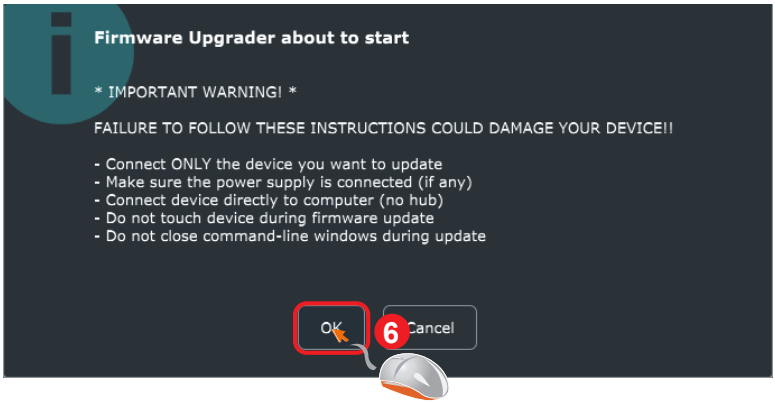
Step1: Directly connect the P1-X using a USB C connection. Ensure all other units are disconnected. Select the P1-X unit you would like to update *You must have previously allocated your P1-X unit as V1-X 1-7 in order for this operation to work successfully. Please see the 'Allocating Extenders' Positions' section in this manual.*

Note: *If your connected name "P1-X" does not appear on the pull-down menu, select "USB Audio" as the MIDI In and Out device.*

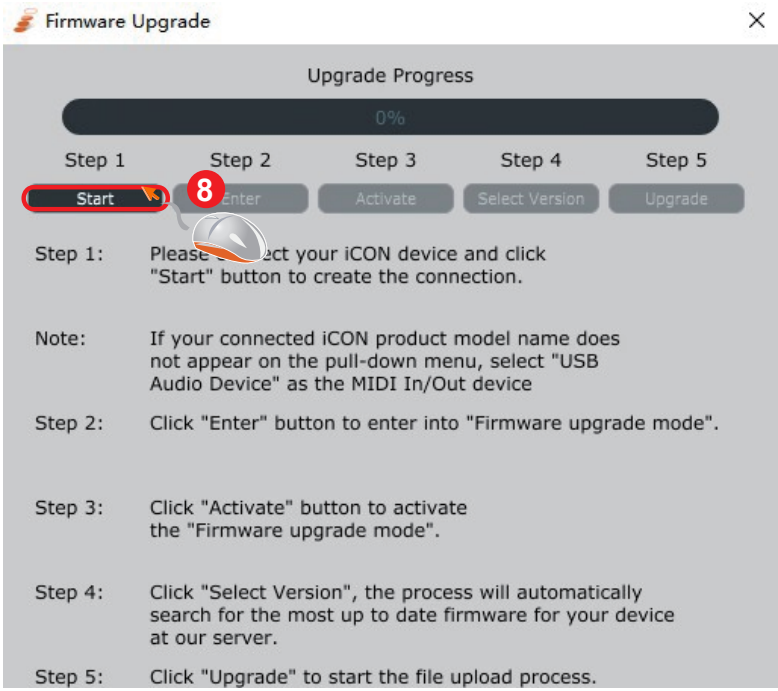
Step 2: If you have selected a P1-X extender from the dropdown menu, you will be presented with a confirmation window. The device you have selected will be highlighted with a '*' symbol. Click to confirm your choice or click 'Cancel' to return to the iMAP.



Step 3: Read the warning notice

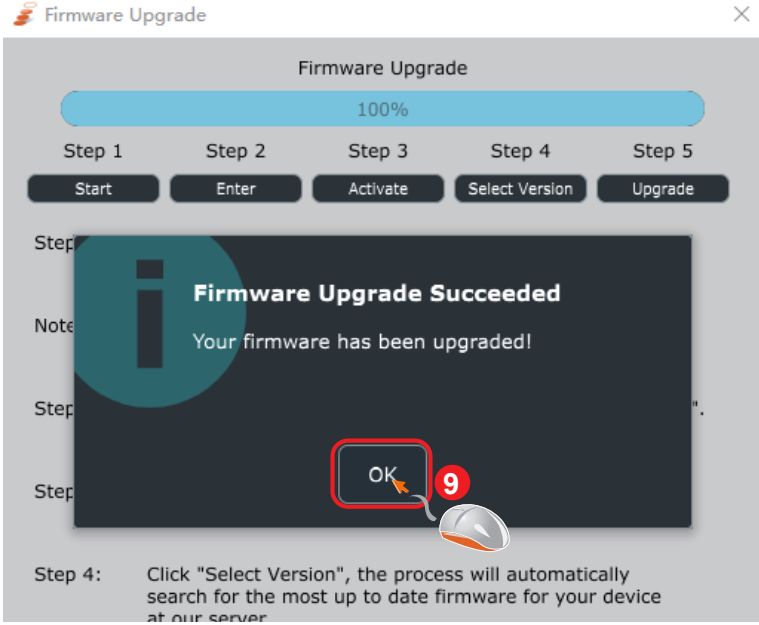


Step 4: Click the "start" button once.



Step 5: Allow the firmware upgrade process to complete.

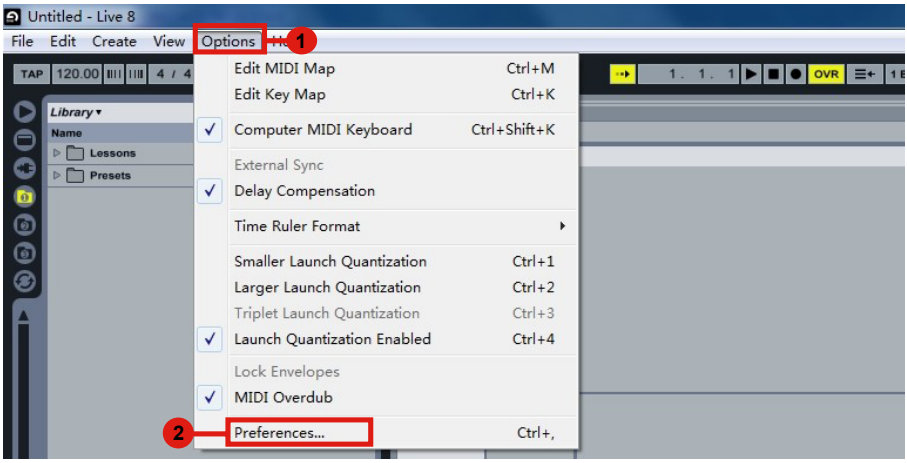
Step 6: Press ‘ok’ once the firmware update has been completed

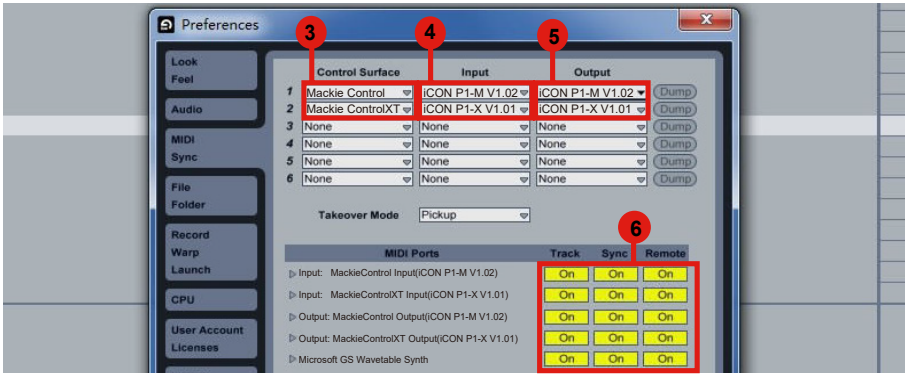


15 Golden Rules for a successful firmware upgrade

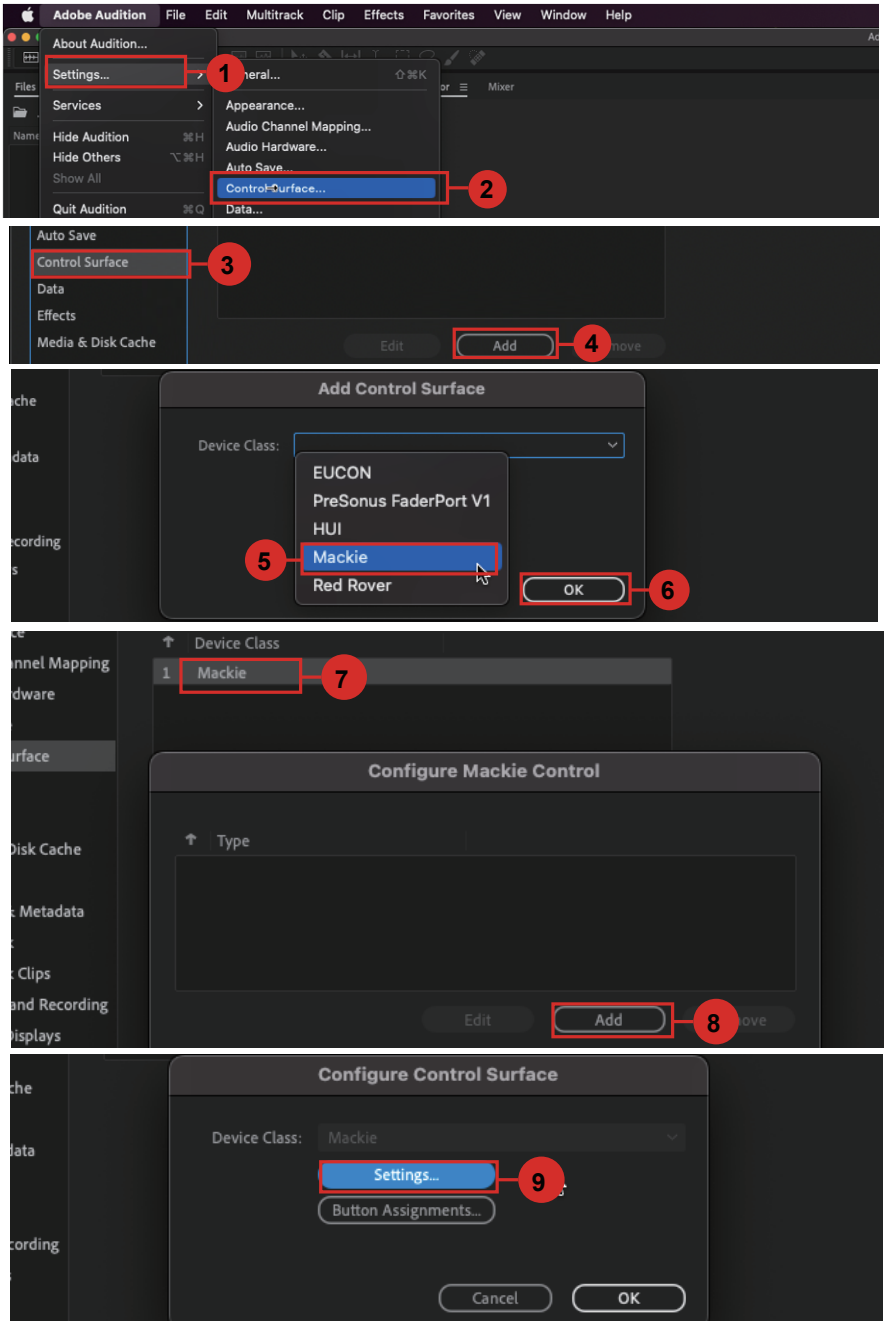
1. Launch the controller first and iMAP second as normal (no DAW)
2. Do not run any DAW or other software during the process
3. Always use the latest iMAP
4. Double check you’re updating the correct device within the iMAP
5. Disconnect USB hubs - always connect directly
6. Disconnect all other devices/USB peripherals
7. Always update one unit at a time - disconnect any other units you have
8. Always read the manual update guidance
9. Always read the iMAP warnings
10. Always use the included cables
11. Do not stop the firmware update process once it’s begun
12. Do not touch the device during the process once it’s begun
13. Do not close the 'command line window' during the process
14. Ensure there is sufficient power supplied to your device
15. Take your time when updating firmware

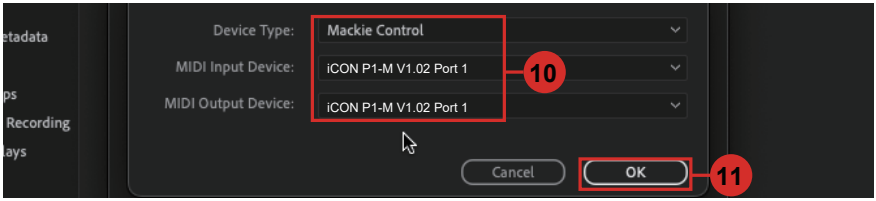
Ableton Live

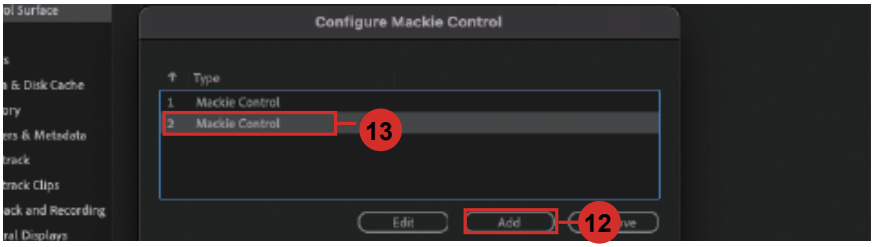


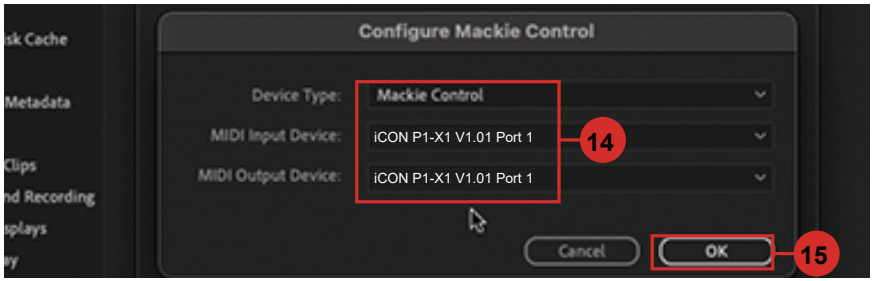


Audition

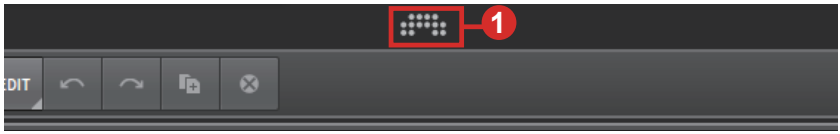

Adobe Audition
File
Edit
Multitrack
Clip
Effects
Favorites
View
Window
Help
About Audition...
Settings...
Services
Hide Audition
Hide Others
Show All
Quit Audition
Appearance...
Audio Channel Mapping...
Audio Hardware...
Control Surface...
Data...
1
2
Auto Save
Control Surface
Data
Effects
Media & Disk Cache
3
Edit
Add
4
Add Control Surface
Device Class:
EUCON
PreSonus FaderPort V1
HUI
Mackie
Red Rover
5
OK
6
Device Class
1 Mackie
7
Configure Mackie Control
Type
Edit
Add
8
Configure Control Surface
Device Class:
Mackie
Settings...
9
Button Assignments...
Cancel
OK

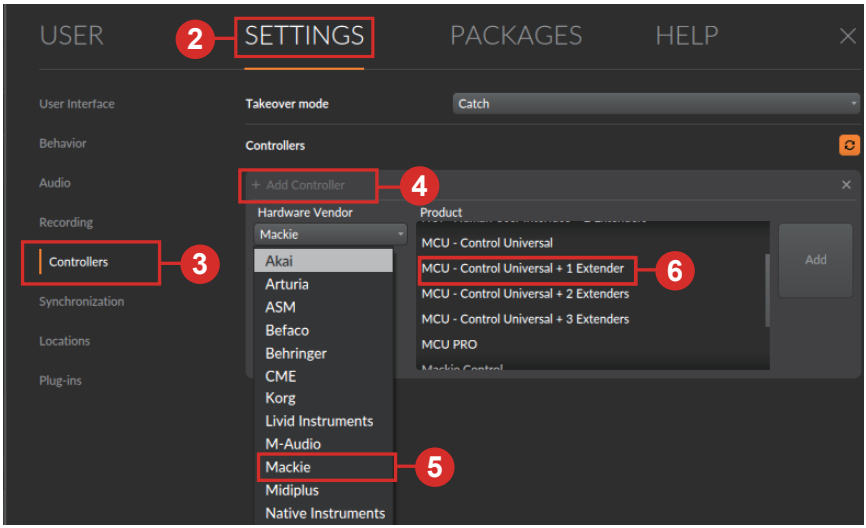

Device Type:
Mackie Control
MIDI Input Device:
iCON P1-M V1.02 Port 1
MIDI Output Device:
iCON P1-M V1.02 Port 1
10
Cancel
OK
11

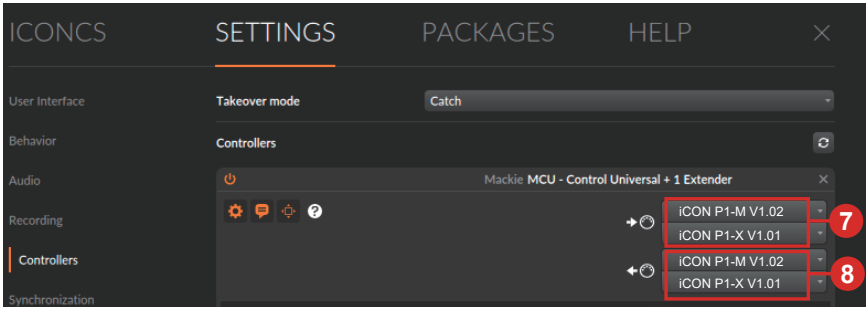

Configure Mackie Control
Type
1 Mackie Control
2 Mackie Control
13
Edit
Add
12


Configure Mackie Control
Device Type:
Mackie Control
MIDI Input Device:
iCON P1-X1 V1.01 Port 1
MIDI Output Device:
iCON P1-X1 V1.01 Port 1
14
Cancel
OK
15

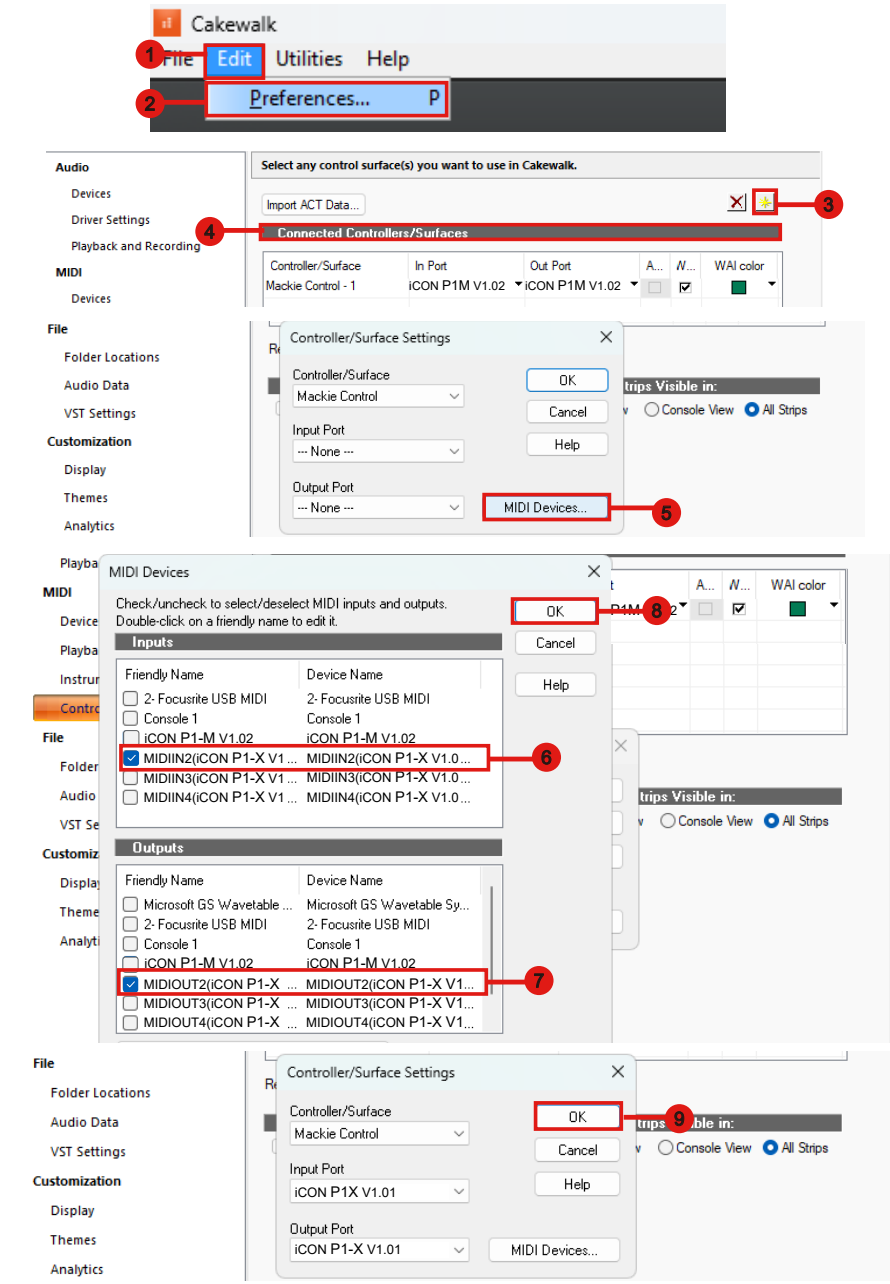
Bitwig

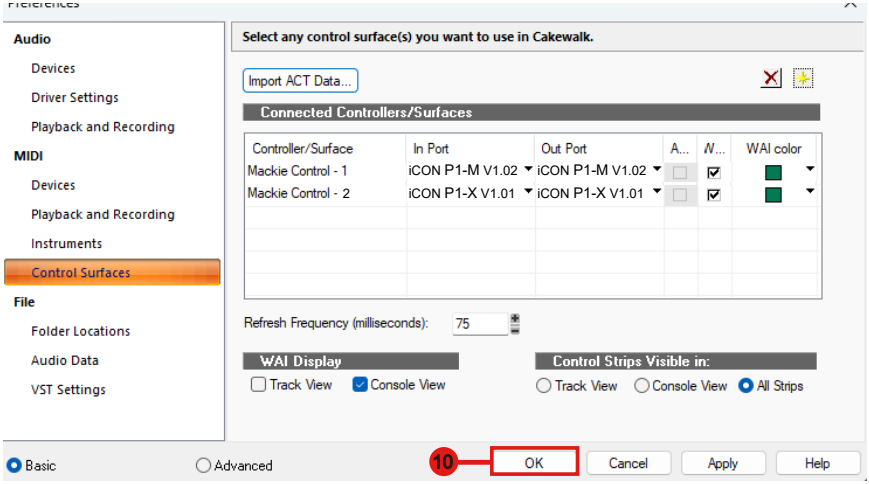

1
EDIT


USER
2
SETTINGS
PACKAGES
HELP
User Interface
Behavior
Audio
Recording
Controllers
3
Synchronization
Locations
Plug-ins
Takeover mode
Catch
Controllers
+ Add Controller
4
Hardware Vendor
Mackie
Product
MCU - Control Universal
MCU - Control Universal + 1 Extender
6
MCU - Control Universal + 2 Extenders
MCU - Control Universal + 3 Extenders
MCU PRO
Add
Akai
Arturia
ASM
Befaco
Behringer
CME
Korg
Livid Instruments
M-Audio
Mackie
5
Midiplus
Native Instruments

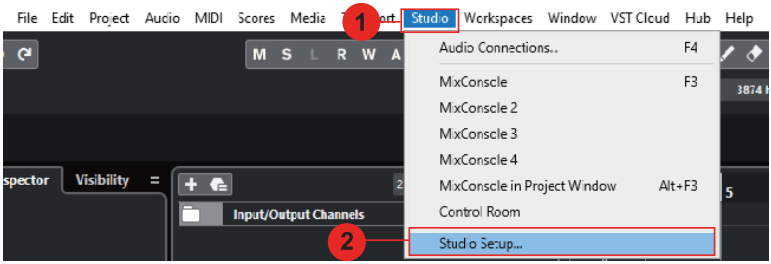

ICONCS
SETTINGS
PACKAGES
HELP
User Interface
Behavior
Audio
Recording
Controllers
Synchronization
Takeover mode
Catch
Controllers
Mackie MCU - Control Universal + 1 Extender
iCON P1-M V1.02
iCON P1-X V1.01
7
iCON P1-M V1.02
iCON P1-X V1.01
8

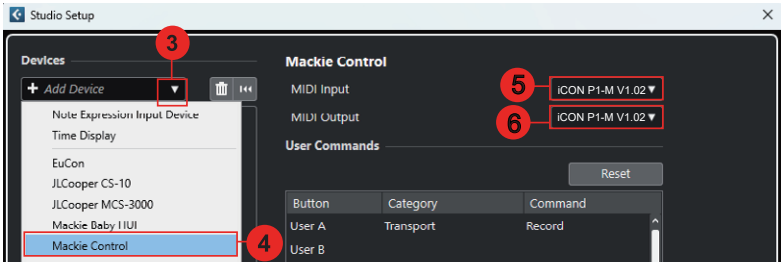
Cakewalk

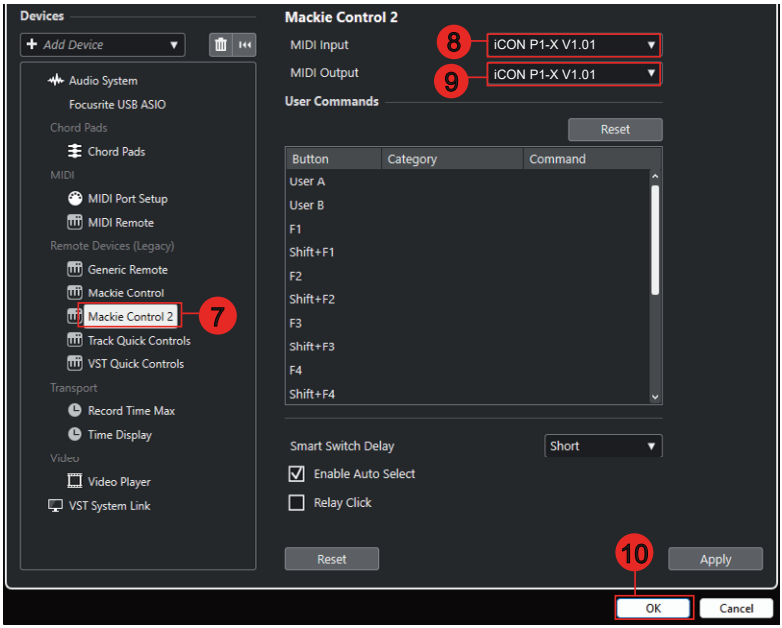

Cakewalk
File
Edit
Utilities
Help
Preferences... P
1
2
Audio
Devices
Driver Settings
Playback and Recording
MIDI
Devices
File
Folder Locations
Audio Data
VST Settings
Customization
Display
Themes
Analytics
Select any control surface(s) you want to use in Cakewalk.
Import ACT Data...
Connected Controllers/Surfaces
Controller/Surface
In Port
Out Port
A...
N...
WAI color
Mackie Control - 1
iCON P1M V1.02
iCON P1M V1.02
3
4
Controller/Surface Settings
Controller/Surface
Mackie Control
Input Port
--- None ---
Output Port
--- None ---
OK
Cancel
Help
MIDI Devices...
5
Console View
All Strips
MIDI Devices
Check/uncheck to select/deselect MIDI inputs and outputs.
Double-click on a friendly name to edit it.
Inputs
Friendly Name
Device Name
2- Focusrite USB MIDI
Console 1
iCON P1-M V1.02
MIDIIN2(iCON P1-X V1 ...
MIDIIN3(iCON P1-X V1 ...
MIDIIN4(iCON P1-X V1 ...
MIDIIN2(iCON P1-X V1.0...
MIDIIN3(iCON P1-X V1.0...
MIDIIN4(iCON P1-X V1.0...
Outputs
Microsoft GS Wavetable ...
Microsoft GS Wavetable Sy...
MIDIOUT2(iCON P1-X ...
MIDIOUT3(iCON P1-X ...
MIDIOUT4(iCON P1-X ...
MIDIOUT2(iCON P1-X V1...
MIDIOUT3(iCON P1-X V1...
MIDIOUT4(iCON P1-X V1...
6
7
8
iCON P1X V1.01
iCON P1-X V1.01
9


Audio
Devices
Driver Settings
Playback and Recording
MIDI
Devices
Playback and Recording
Instruments
Control Surfaces
File
Folder Locations
Audio Data
VST Settings
Select any control surface(s) you want to use in Cakewalk.
Import ACT Data...
Connected Controllers/Surfaces
Controller/Surface
In Port
Out Port
A...
W...
WAI color
Mackie Control - 1
iCON P1-M V1.02
iCON P1-M V1.02
Mackie Control - 2
iCON P1-X V1.01
iCON P1-X V1.01
Refresh Frequency (milliseconds):
75
WAI Display
Track View
Console View
Control Strips Visible in:
Track View
Console View
All Strips
Basic
Advanced
10
OK
Cancel
Apply
Help

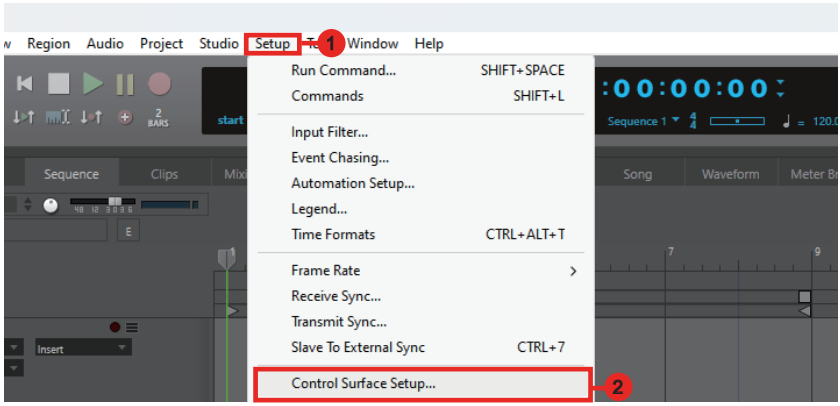
Cubase/Nuendo

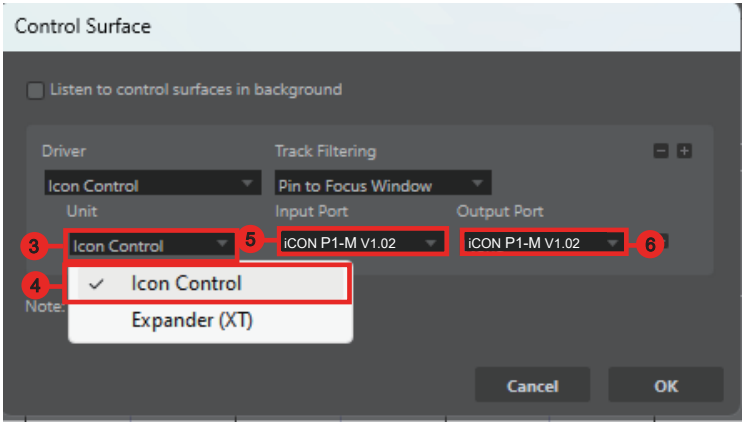


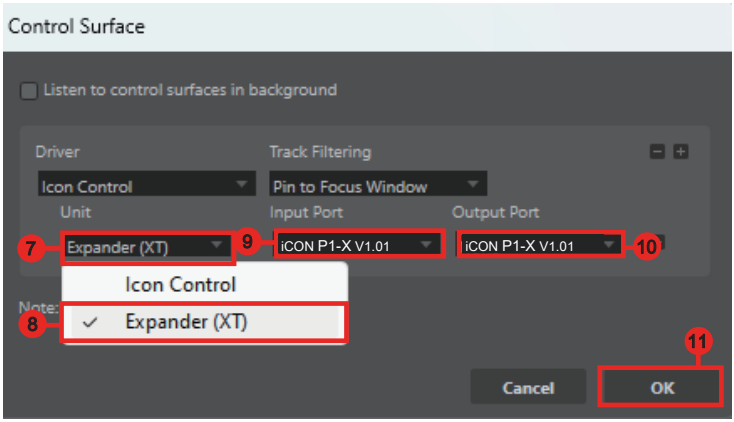




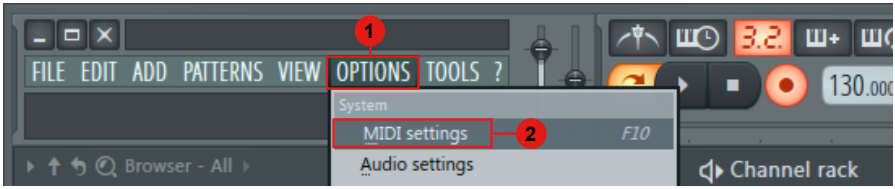
Digital Performer 11

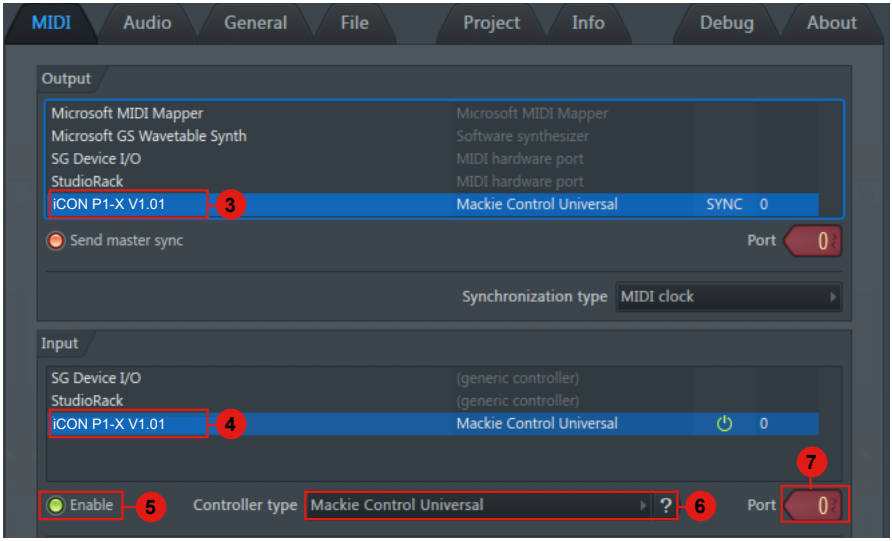




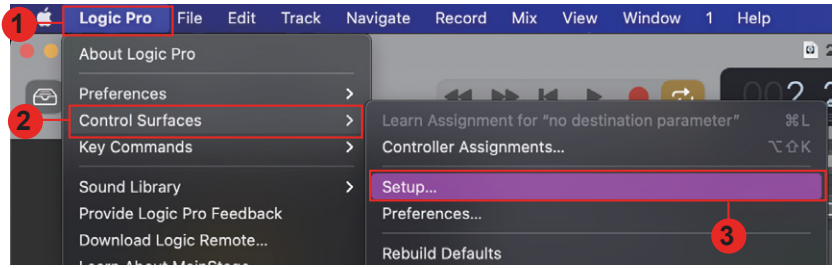


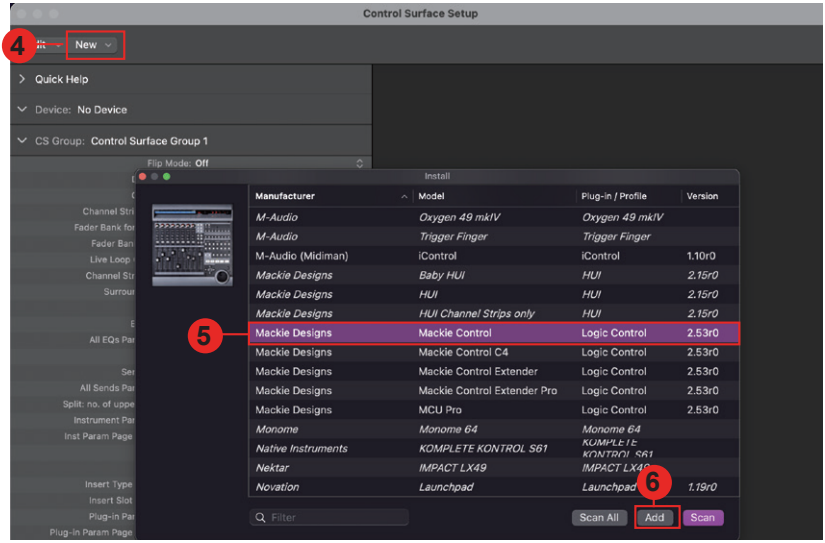
FL Studio


1
FILE EDIT ADD PATTERNS VIEW OPTIONS TOOLS ?
System
MIDI settings
2
F10
Audio settings
Browser - All
Channel rack

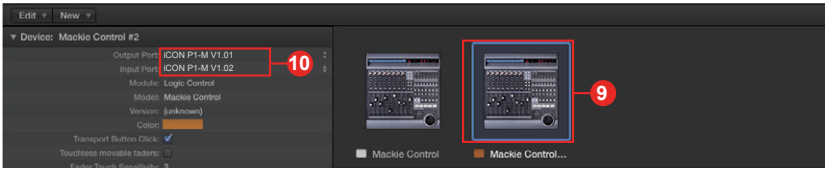

MIDI
Audio
General
File
Project
Info
Debug
About
Output
Microsoft MIDI Mapper
Microsoft GS Wavetable Synth
SG Device I/O
StudioRack
iCON P1-X V1.01
3
Microsoft MIDI Mapper
Software synthesizer
MIDI hardware port
MIDI hardware port
Mackie Control Universal
SYNC
0
Send master sync
Port
0
Synchronization type
MIDI clock
Input
SG Device I/O
StudioRack
iCON P1-X V1.01
4
(generic controller)
(generic controller)
Mackie Control Universal
0
7
Enable
5
Controller type
Mackie Control Universal
?
6
Port
0

Logic Pro

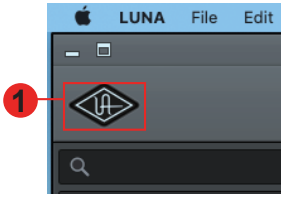

1
Logic Pro
File
Edit
Track
Navigate
Record
Mix
View
Window
1
Help
About Logic Pro
Preferences
2
Control Surfaces
Key Commands
Sound Library
Provide Logic Pro Feedback
Download Logic Remote...
Learn Assignment for "no destination parameter"
Controller Assignments...
Setup...
Preferences...
3
Rebuild Defaults


Control Surface Setup
4
New
Quick Help
Device: No Device
CS Group: Control Surface Group 1
Flip Mode: Off
Install
Manufacturer
Model
Plug-in / Profile
Version
M-Audio
Oxygen 49 mkIV
M-Audio (Midiman)
iControl
Mackie Designs
Baby HUI
HUI
HUI Channel Strips only
5
Mackie Control
Logic Control
2.53r0
Mackie Control C4
Mackie Control Extender
Mackie Control Extender Pro
MCU Pro
Monome
Monome 64
Native Instruments
KOMPLETE KONTROL S61
Nektar
IMPACT LX49
Novation
Launchpad
1.19r0
Filter
Scan All
Add
6
Scan

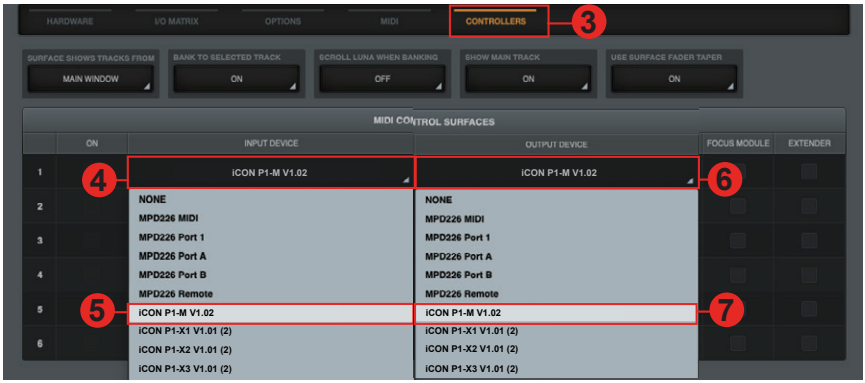
Control Surface Setup
Edit
New
Device: Mackie Control
iCON P1-X1 V1.01
iCON P1-X1 V1.02
8
Logic Control
Mackie Control
(unknown)
7
Mackie Control
Mackie Control...

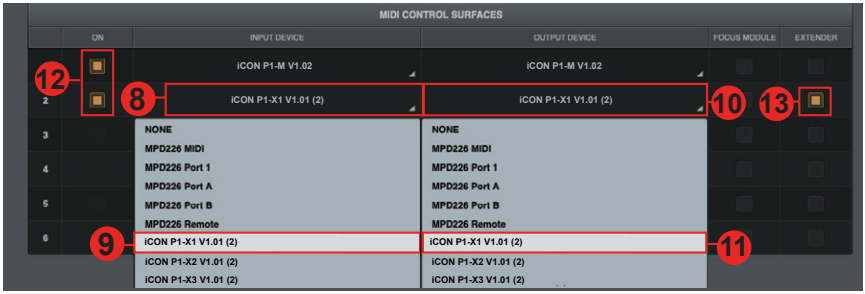

Edit
New
Device: Mackie Control #2
iCON P1-M V1.01
iCON P1-M V1.02
10
Logic Control
Mackie Control
(unknown)
9
Mackie Control
Mackie Control...

Luna

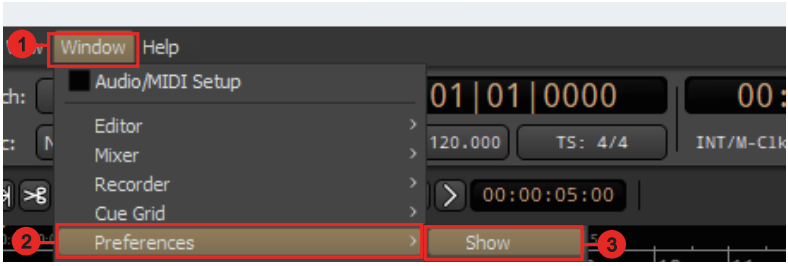

LUNA
File
Edit
1

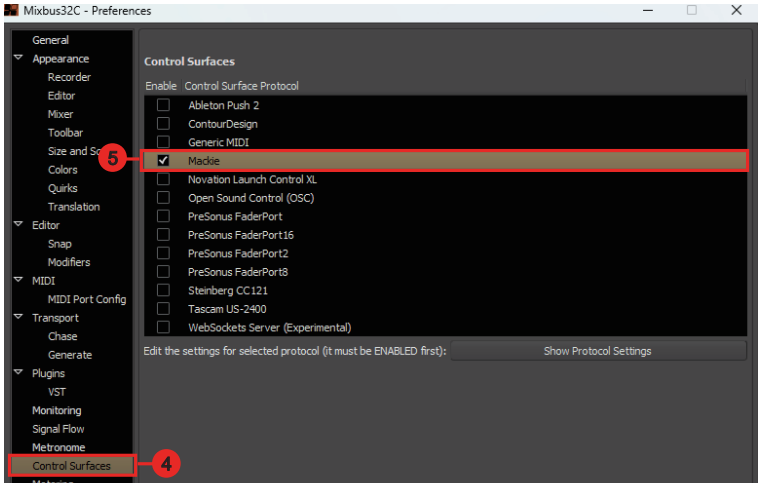
LUNA
File
Edit
Track
CREATE
DISCOVER
MANAGE
SETTINGS
2


HARDWARE
I/O MATRIX
OPTIONS
MIDI
CONTROLLERS
3
SURFACE SHOWS TRACKS FROM
MAIN WINDOW
BANK TO SELECTED TRACK
ON
SCROLL LUNA WHEN BANKING
OFF
SHOW MAIN TRACK
ON
USE SURFACE FADER TAPER
ON
MIDI CONTROL SURFACES
ON
INPUT DEVICE
OUTPUT DEVICE
FOCUS MODULE
EXTENDER
1
2
3
4
5
6
4
iCON P1-M V1.02
6
iCON P1-M V1.02
NONE
MPD226 MIDI
MPD226 Port 1
MPD226 Port A
MPD226 Port B
MPD226 Remote
5
iCON P1-M V1.02
iCON P1-X1 V1.01 (2)
iCON P1-X2 V1.01 (2)
iCON P1-X3 V1.01 (2)
7
iCON P1-M V1.02

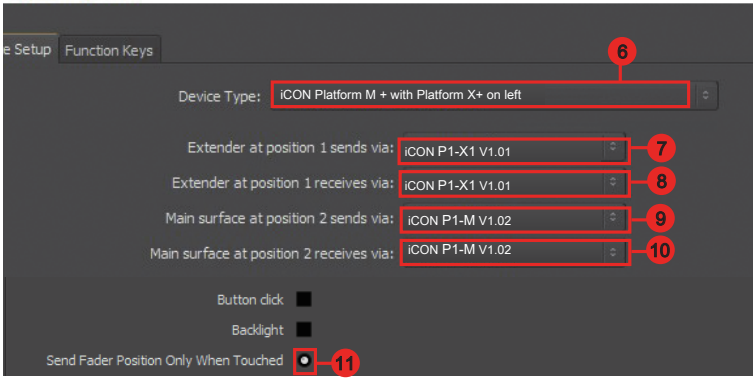

MIDI CONTROL SURFACES
ON
INPUT DEVICE
OUTPUT DEVICE
FOCUS MODULE
EXTENDER
1
2
3
4
5
6
12
iCON P1-M V1.02
iCON P1-M V1.02
8
iCON P1-X1 V1.01 (2)
iCON P1-X1 V1.01 (2)
10
13
NONE
MPD226 MIDI
MPD226 Port 1
MPD226 Port A
MPD226 Port B
MPD226 Remote
9
iCON P1-X1 V1.01 (2)
iCON P1-X2 V1.01 (2)
iCON P1-X3 V1.01 (2)
11
iCON P1-X1 V1.01 (2)

Mixbus 32C





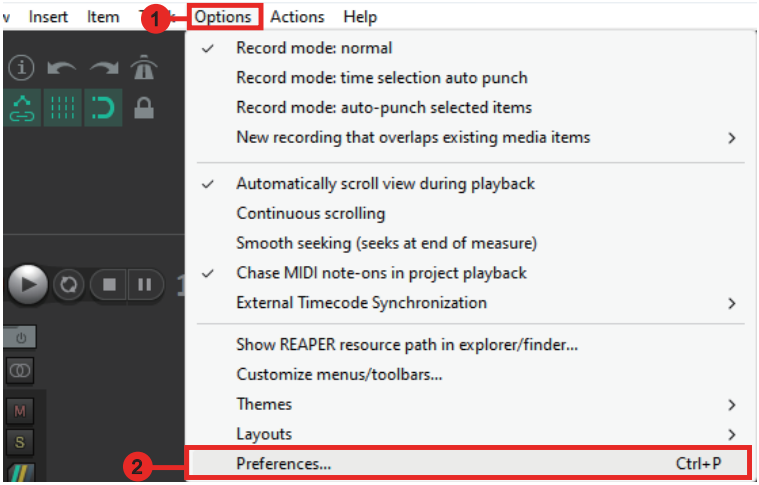
Protocol Settings

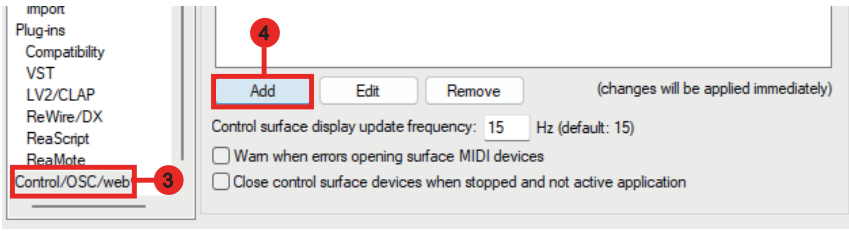


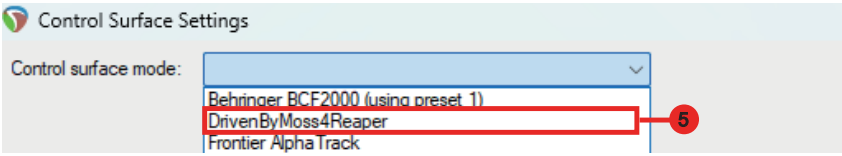
Pro Tools

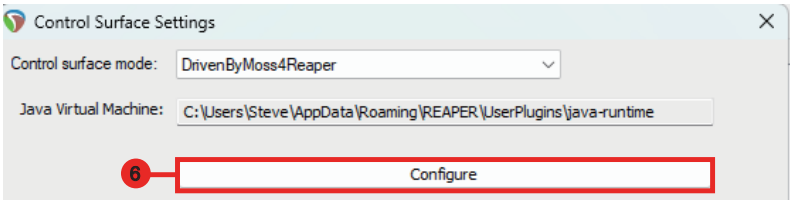
Hardware...
Playback Engine...
Disk Allocation...
Peripherals...
I/O...
Video Sync Offset...
1
Peripherals
Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
none
Command8
HUI
SurroundPanner
M-Audio Keyboard
Komplete Kontrol
2
Receive From
Send To
Ch's
#1
#2
#3
none
8
Peripherals
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
Type
Send To
Ch's
HUI
Predefined
P1X V1.01
3
4
none
Peripherals
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
Type
Receive From
Send To
Ch's
HUI
P1-X1 V1.01
5
none
Peripherals
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
Type
Receive From
Send To
Ch's
HUI
P1-X1 V1.01
8
P1-M V1.02
6
7
8

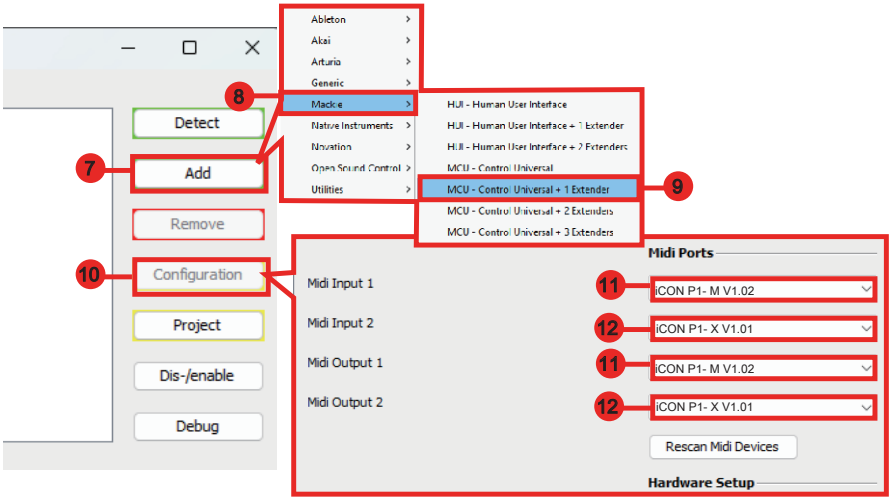
Reaper

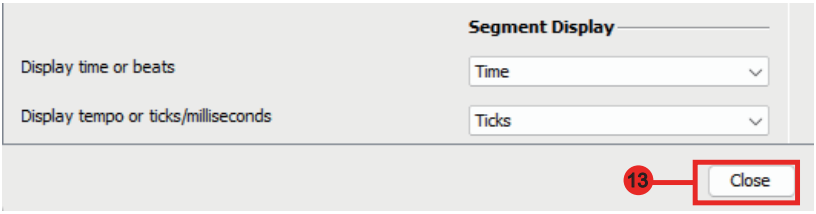

Insert
Item
Options
Actions
Help
1
Record mode: normal
Record mode: time selection auto punch
Record mode: auto-punch selected items
New recording that overlaps existing media items
Automatically scroll view during playback
Continuous scrolling
Smooth seeking (seeks at end of measure)
Chase MIDI note-ons in project playback
External Timecode Synchronization
Show REAPER resource path in explorer/finder...
Customize menus/toolbars...
Themes
Layouts
2
Preferences...
Ctrl+P

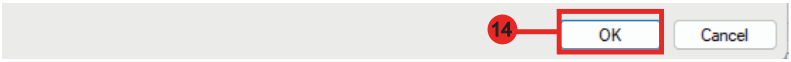

Import
Plug-ins
Compatibility
VST
LV2/CLAP
ReWire/DX
ReaScript
ReaMote
Control/OSC/web
3
4
Add
Edit
Remove
(changes will be applied immediately)
Control surface display update frequency:
15
Hz (default: 15)
Warn when errors opening surface MIDI devices
Close control surface devices when stopped and not active application


Control Surface Settings
Control surface mode:
Behringer BCF2000 (using preset 1)
DrivenByMoss4Reaper
Frontier Alpha Track
5

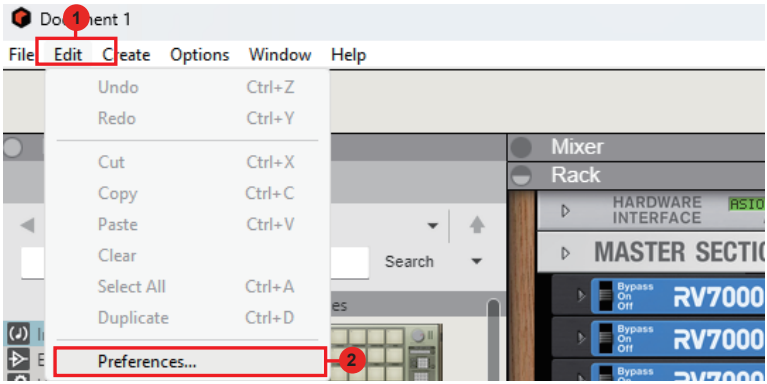

Control Surface Settings
Control surface mode:
DrivenByMoss4Reaper
Java Virtual Machine:
C:\Users\Steve\AppData\Roaming\REAPER\UserPlugins\java-runtime
6
Configure

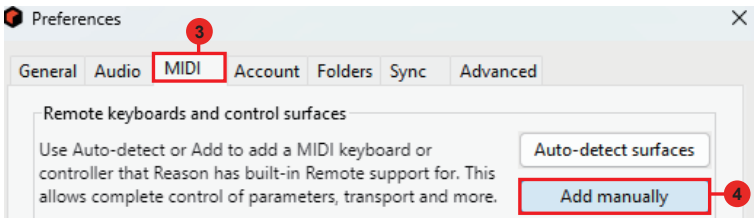

Ableton
Akai
Arturia
Generic
Mackie
Native Instruments
Novation
Open Sound Control
Utilities
HUI - Human User Interface
HUI - Human User Interface + 1 Extender
HUI - Human User Interface + 2 Extenders
MCU - Control Universal
MCU - Control Universal + 1 Extender
MCU - Control Universal + 2 Extenders
MCU - Control Universal + 3 Extenders
Detect
Add
Remove
Configuration
Project
Dis-/enable
Debug
7
8
9
10
Midi Ports
Midi Input 1
Midi Input 2
Midi Output 1
Midi Output 2
11
12
iCON P1- M V1.02
iCON P1- X V1.01
Rescan Midi Devices
Hardware Setup

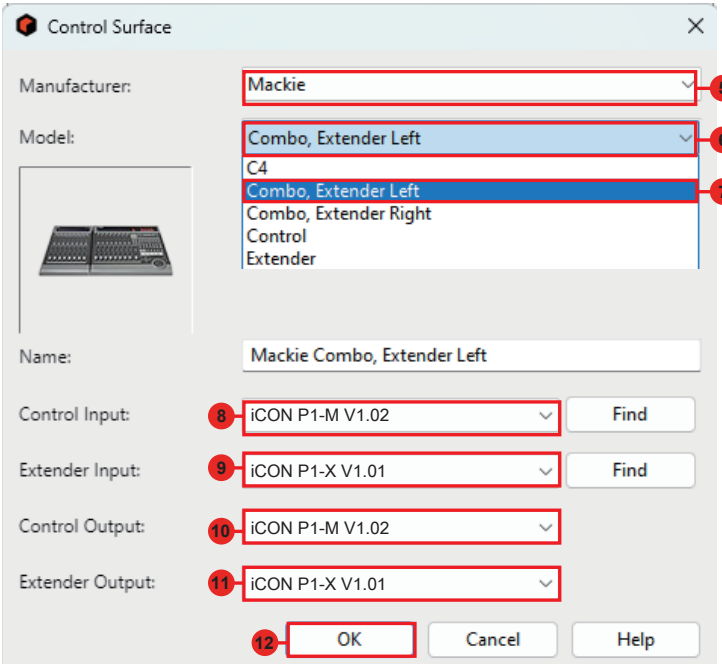

Segment Display
Display time or beats
Time
Display tempo or ticks/milliseconds
Ticks
13
Close

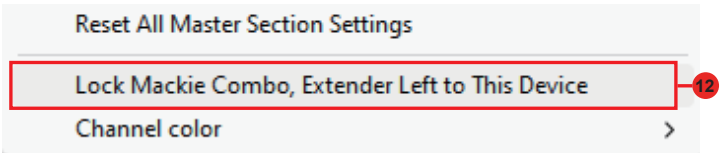

14
OK
Cancel

Reason

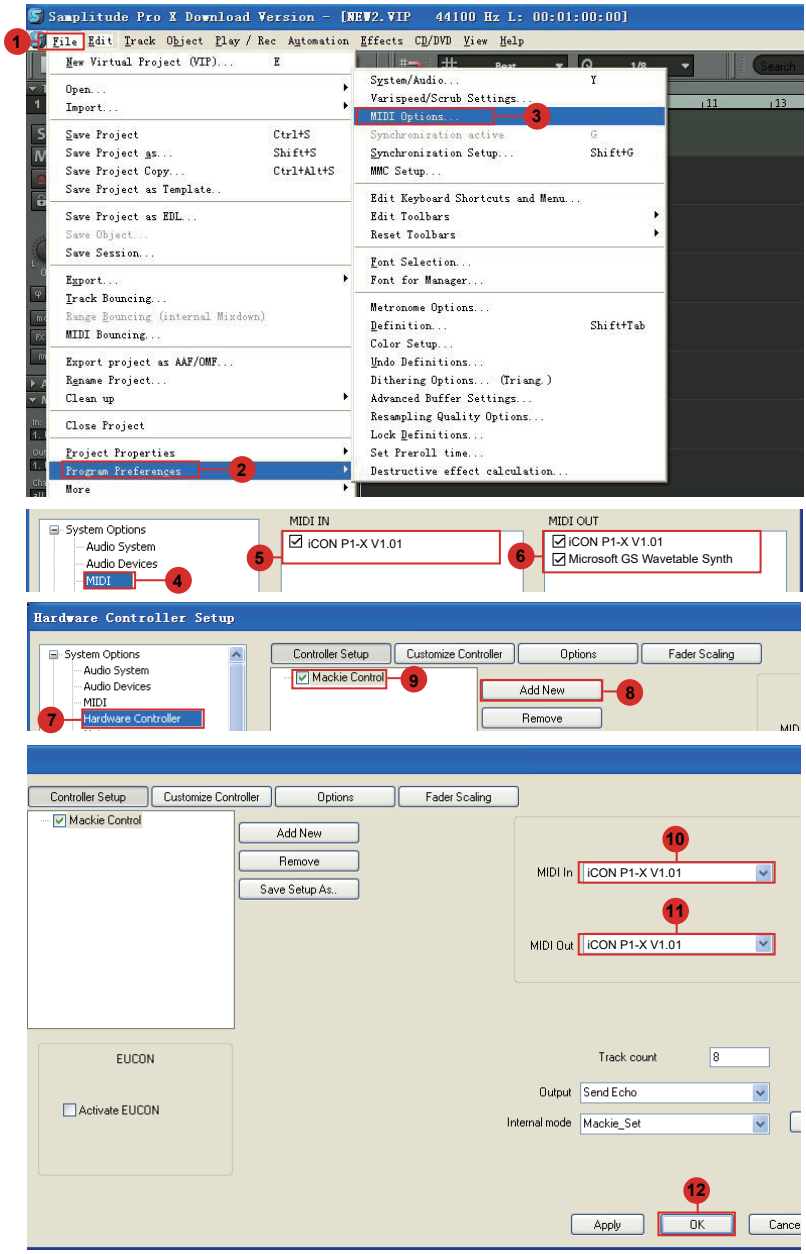

1
File
Edit
Create
Options
Window
Help
Undo Ctrl+Z
Redo Ctrl+Y
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Clear
Select All Ctrl+A
Duplicate Ctrl+D
Preferences...
2
Mixer
Rack
HARDWARE INTERFACE
MASTER SECTI
RV7000
RV7000
Search


Preferences
3
General
Audio
MIDI
Account
Folders
Sync
Advanced
Remote keyboards and control surfaces
Use Auto-detect or Add to add a MIDI keyboard or controller that Reason has built-in Remote support for. This allows complete control of parameters, transport and more.
Auto-detect surfaces
Add manually
4

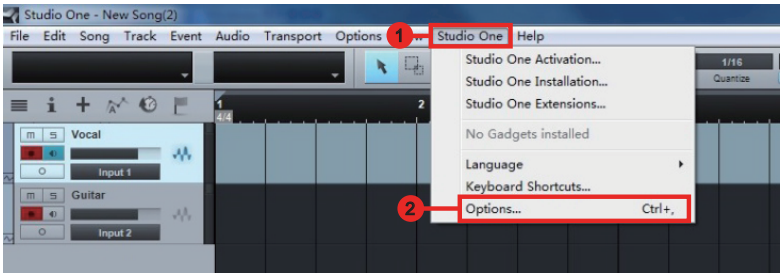

Control Surface
Manufacturer:
Mackie
5
Model:
Combo, Extender Left
6
C4
Combo, Extender Left
7
Combo, Extender Right
Control
Extender
Name:
Mackie Combo, Extender Left
Control Input:
8
iCON P1-M V1.02
Find
Extender Input:
9
iCON P1-X V1.01
Find
Control Output:
10
iCON P1-M V1.02
Extender Output:
11
iCON P1-X V1.01
12
OK
Cancel
Help

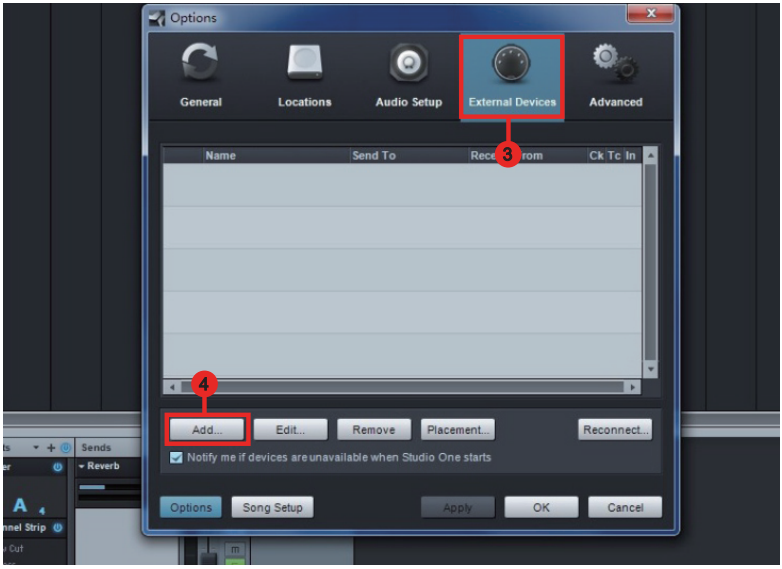

Reset All Master Section Settings
Lock Mackie Combo, Extender Left to This Device
12
Channel color

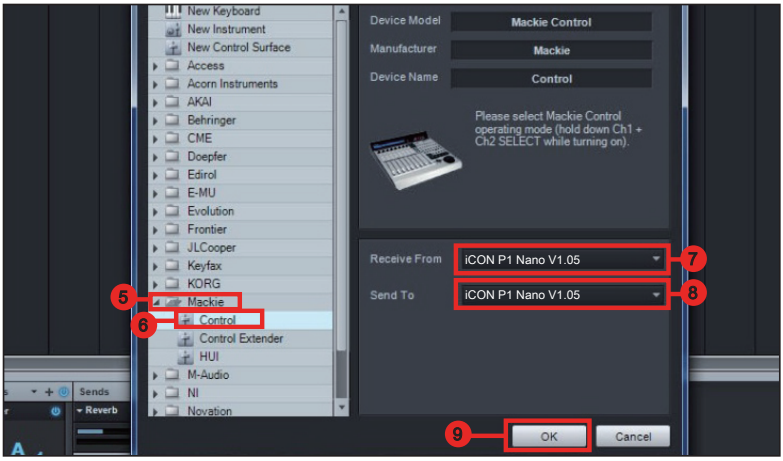
Samplitude


Samplitude Pro X Download Version - [NEW2.VIP 44100 Hz L: 00:01:00:00]
File Edit Track Object Play / Rec Automation Effects CD/DVD View Help
New Virtual Project (VIP)... E
Open...
Import...
Save Project Ctrl+S
Save Project as... Shift+S
Save Project Copy... Ctrl+Alt+S
Save Project as Template..
Save Project as EDL...
Save Object...
Save Session...
Export...
Track Bouncing...
Range Bouncing (internal Mixdown)
MIDI Bouncing...
Export project as AAF/OMF...
Rename Project...
Clean up
Close Project
Project Properties
Program Preferences
More
System/Audio... Y
Varispeed/Scrub Settings...
MIDI Options...
Synchronization active G
Synchronization Setup... Shift+G
MMC Setup...
Edit Keyboard Shortcuts and Menu...
Edit Toolbars
Reset Toolbars
Font Selection...
Font for Manager...
Metronome Options...
Definition... Shift+Tab
Color Setup...
Undo Definitions...
Dithering Options... (Triang.)
Advanced Buffer Settings...
Resampling Quality Options...
Lock Definitions...
Set Preroll time...
Destructive effect calculation...
1
2
3
System Options
Audio System
Audio Devices
MIDI
4
MIDI IN
iCON P1-X V1.01
5
MIDI OUT
iCON P1-X V1.01
Microsoft GS Wavetable Synth
6
Hardware Controller Setup
System Options
Audio System
Audio Devices
MIDI
Hardware Controller
7
Controller Setup
Customize Controller
Options
Fader Scaling
Mackie Control
9
Add New
8
Remove
Controller Setup
Customize Controller
Options
Fader Scaling
Mackie Control
Add New
Remove
Save Setup As..
10
MIDI In
iCON P1-X V1.01
11
MIDI Out
iCON P1-X V1.01
EUCON
Activate EUCON
Track count
8
Output
Send Echo
Internal mode
Mackie_Set
12
Apply
OK
Cance

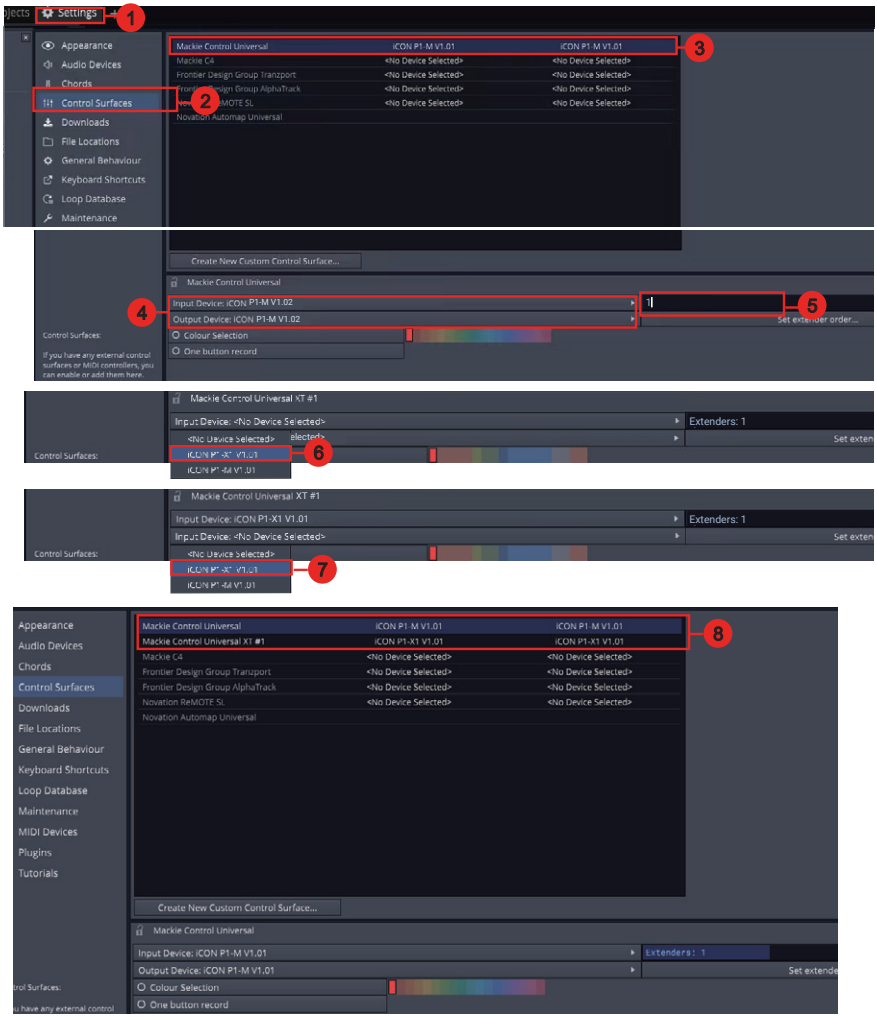
Studio One


Studio One - New Song(2)
File Edit Song Track Event Audio Transport Options
1
Studio One
Help
Studio One Activation...
Studio One Installation...
Studio One Extensions...
No Gadgets installed
Language
Keyboard Shortcuts...
2
Options... Ctrl+,
Vocal
Input 1
Guitar
Input 2


Options
General
Locations
Audio Setup
External Devices
Advanced
3
Name
Send To
Ck Tc In
4
Add...
Edit...
Remove
Placement...
Reconnect...
Notify me if devices are unavailable when Studio One starts
Options
Song Setup
Apply
OK
Cancel

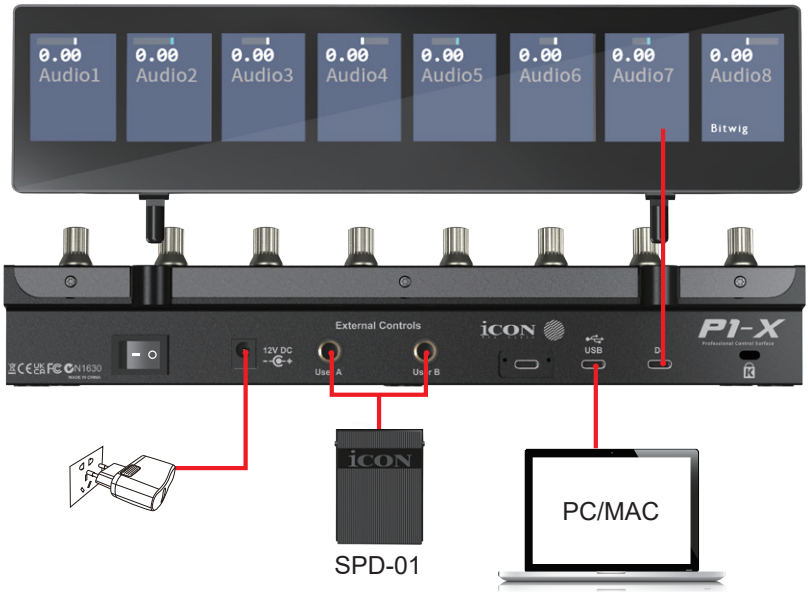

New Keyboard
New Instrument
New Control Surface
Access
Acorn Instruments
AKAI
Behringer
CME
Doepfer
Edirol
E-MU
Evolution
Frontier
JLCooper
Keyfax
KORG
5
Mackie
6
Control
Control Extender
HUI
M-Audio
NI
Novation
Device Model
Mackie Control
Manufacturer
Mackie
Device Name
Control
Please select Mackie Control operating mode (hold down Ch1 + Ch2 SELECT while turning on).
Receive From
iCON P1 Nano V1.05
7
Send To
iCON P1 Nano V1.05
8
9
OK
Cancel

Tracktion Waveform



Hardware Connections

D4



Expanding your P1-X

D-4 Display Unit

The P1-X's display capabilities are expandable with the D-4 display unit.

- Extremely compact and durable
- Extremely simple installation for the P1-X MIDI DAW controller with magnetic fixtures - simply slot in!
- Large 2 inch TFT display showing channel name, control values, etc. for each channel
- Channel colors shown onscreen - (DAW dependent); extremely useful when dealing with many tracks in a project i.e. guitars=red, drums=blue etc.
- Adjustable tilt angle for different viewing positions
- Robust construction
- Magnetic ‘slot in’ fixtures
- Connect via included ergonomic USB C cable
- Clear and detailed display
- Lower ‘bar’ display showing color modes of the DAW channels. This is useful if you wish to group instrument tracks according to a certain color, i.e. guitar tracks as purple, drum tracks as yellow etc.). *

* only a few DAWs support this at the moment.

The P1-X is expandable, not only with the very fetching D-4 display unit, but with further P1-X extender units!

As we know, each unit consists of 8 12 bit faders, 8 smooth-action endless rotary encoder knobs, and 4 buttons per channel including rec, mute and solo. Each unit gives you more immediate hands on, tactile control of your projects with 8 freshly available channels to control, which means less banking through tracks and more opportunity to interact physically with the music!

The P1-X units work seamlessly in tandem with the P1-M and will further enhance your recording and mixing experience. More faders means more control at your fingertips!

Specifications

Connector: To computer	USB connector
Power supply:	12V/2. 5A DC
Current consumption:	2. 0A or less
Weight:	1.509kg (3.33lb)
Dimensions:	300(L) x 204(W) x 61(H)mm
	11.8”(L) x 8”(W) x 2. 4”(H)

Services

If your P1-X needs servicing, follow these instructions.

Check our online Help Center at **http://support.iconproaudio.com,** for information, knowledge, and downloads such as:
1. FAQ
2. Download
3. Product Registration
4. Video Tutorials

Very often you will find solutions on these pages. If you don't find a solution, create a support ticket at our online Help Center at the link below, and our technical support team will assist you as soon as we can.
Navigate to **http://support.iconproaudio.com** and then sign in to submit a ticket. Once you have submitted an inquiry ticket, our support team will assist you to resolve the problem with your ICON Pro Audio device as soon as possible.

To send defective products for service:

1. Ensure the problem is not related to operation error or external system devices.
2. Keep this owner's manual. We don't need it to repair the unit.
3. Pack the unit in its original packaging including end card and box. This is very important. If you have lost the packaging, please make sure you have packed the unit properly. ICON is not responsible for any damage that occurs due to non-factory packing.
4. Ship to the ICON tech support center or the local return authorization. See our service centers and distributor service points at the link below:

If you are located in the **United States**
please visit our help centre - **https://support.iconproaudio.com** and submit a ticket to the technical support team.

If you are located in **Europe**, please email the support team and wait for a response before sending the product to:

Sound Service GmbH
European Headquarters
Moriz-Seeler-Straße3 D-12489 Berlin
Telephone: +49 (0)30 707 130-0
Fax: +49 (0)30 707 130-189
E-Mail: service@sound-service.eu

If you are located in **Hong Kong**
please email the support team and wait for a response before sending the product to:
ASIA OFFICE:
Unit F, 15/F., Fu Cheung Centre,
No. 5-7 Wong Chuk Yueng Street, Fotan,
Sha Tin, N.T., Hong Kong.
Tel: (852) 2398 2286
Fax: (852) 2789 3947
Email: info.asia@icon-global.com

For additional update information please visit our website at: www.iconproaudio.com

天猫官方旗舰店

天猫店iconproaudio旗舰店

抖音号

抖音iCON艾肯

哔哩哔哩

B站iCONProAudio

微信公众号

微信号iCON-PRO

官方售后QQ

4006311312.114.qq.com

中国地区用户

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Support

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Dashboard

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