iCON Pro Audio

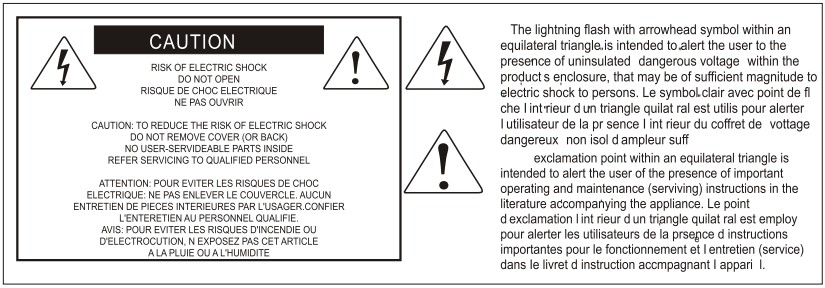
QCon Pro XS

Professional USB-MIDI Controller Station

Expansion unit for QconProX - MIDI/Audio control surface with motorized faders for production

User manual

DER GRÜNE PUNKT CE FC N1630



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 the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. These are designated for your safety. If the provided plug does not fit into your outlet, consult an electrician.
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 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

Thank you for purchasing the ICON ProAudio QconProXS Midi/Audio control surface. We sincerely trust this product will provide years of satisfactory service, but if anything is not to your complete satisfaction, we will endeavor to make things right.

In these pages, you'll find a detailed description of the features of the QconProXS, as well as a guided tour through its front and rear panels, step-by-step instructions for their setup and use, and full specifications.

Please register the product on our website at the below link **www. iconproaudio. com/registration**:

Please follow the step by step procedures starting from input the device's serial number to your personal information etc. By registering your product online, you will entitle to several different services and after-sales supporting at our ACS help center by visting our website at **www.iconproaudio.com**. Also, all the registered products under your account will be listed on your personal product page where you could get update information such as firmware/driver upgrade, software bundle and user manual download etc for your device.

As with most electronic devices, we strongly recommend you retain the original packaging. In the unlikely event the product must be returned for servicing, the original packaging (or reasonable equivalent) is required.

With proper care and adequate air circulation, your QconProXS will operate without any trouble for many years. We recommend that you record your serial number in the space provided below for future reference.

What's in the package?

- QconProXS USB-MIDI Controller x 1pc
- Quick Start Guide x 1
- USB2.0 Cable x 1
- AC adaptor x 1pc

Register your ICON ProAudio product to your personal account

1. Check serial number of your device

Please go to **http:// 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" or if you see any other message, please contact our after-sales service team

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

Existing user: Please log into your personal user page by inputing 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 manual in different languages and bundled software etc. for download. Please make sure you have download the necessary files such as driver before you begin device installation.

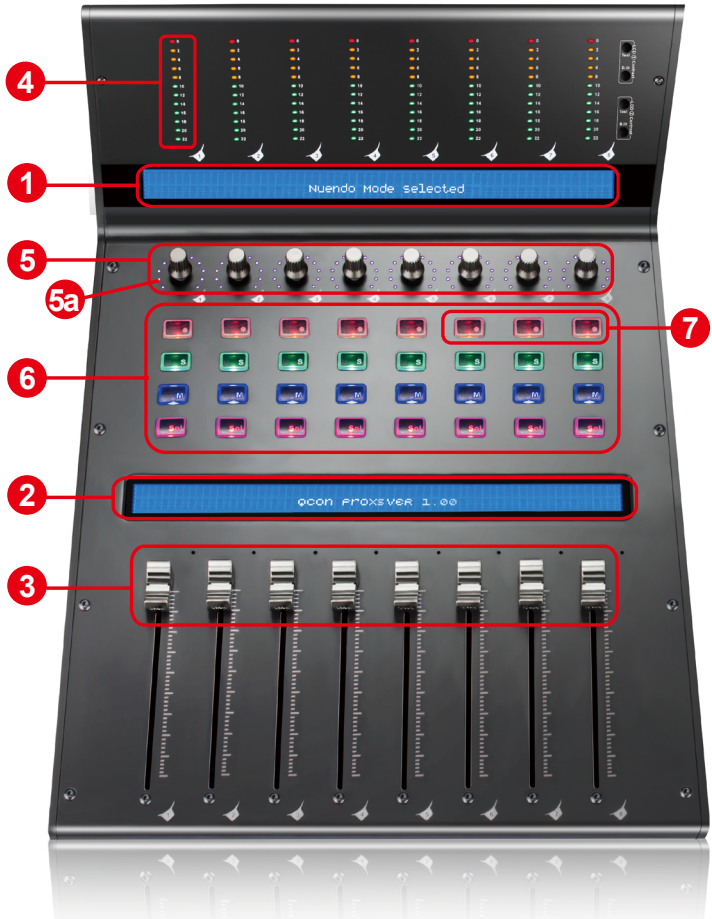
Features

- 8 touch-sensitive motorized channel faders with 10-bit resolution
- 12-segment LED level metering bridge equipped for channel (mono) level metering (Angled and located at the top for easy reading)
- 8 x dual function encoder knobs (Enter & rotate)

  The multi-colour surround LED display will change colour according to the controlling parameter for easy control (Cubase only).

  11-segments LED surrounding the encoders to indicate the rotating position.
- Large dual backlit LCD displays show channel name (lower LCD) and different control parameters (upper LCD) for each channel
- Illuminated buttons for each channel including Rec-enable, Solo, Mute, Select and Monitor
- Expandable to 32-channels control surface with 3units of QconProXS and a Qcon ProX
- User A & User B 1/4” TRS connectors for connecting with pedals
- Class-compliant with Windows XP, Vista (32-bit & 64-bit), Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 10 (32-bit & 64-bit) and Mac OS X (IntelMac)
- USB 2.0 high speed connectivity
- Mackie control build-in for Cubase, Nuendo, Samplitude, Logic Pro, Reaper, Studio One, Bitwig, Reason and Ableton Live.
- Mackie HUI protocol build-in for Pro Tools
- iMap - Self midi mapping software is provided for user-defined mode (MIDI Learn)
- Firmware upgrade available simply via USB connection and iMap software.
- Superior build quality and robust metal casing with Kensington lock port
- 12V/2.5A power adapter included

Top Panel Layout



Note: Function operates slightly difference between DAWs. The following description is based on the functions that operate in Apple Logic Pro.

1. Upper LCD Display

The two-line backlit LCD display shows the parameter values as you adjust them and also provides feedback about channel selections, operating modes, and more.

2. Lower LCD Display

The two-line backlit LCD display shows the channel name.

3. Channel faders

The eight 100mm motorized faders are generally used for controlling the track volume of your DAW. Depending on your DAW, you may use the “Flip” button to

switch the function of these faders to change other settings. They are all touch sensitive to allow override automation the moment you touch a fader. Also, they are motorized; they will automatically move to reflect the current level of the selected channels in your DAW application. Any automation recorded in a project will be reflected by the fader positions. Any parameter adjustments made with these faders will be displayed directly above on the LCD display.

4. Channel level metering (mono)

The 12-led showing the associated channel level.

5. Dual Function Encoders with Multi-Colour Surround LED

The dual functioned encoder acting as a push-button and a rotary control. When an encoder is pressed, it may be used to change modes of operation or to change what appears in the display above the channel strips. When an encoder is rotated, depending on its assigned function, it can be used to adjust a channel's pan, send level, or plug-in parameters.

5a. Encoder LED

The 11-LED surrounding the encoder lights up to indicate the relative position of the rotation without having to look at your computer. On Cubase, the colour of the surround LED will change according to the controlling parameter.

6. Control buttons

Recording channel control buttons section

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

SOLO buttons - Turn On and Off 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. You could solo multiple channel by pressing SOLO buttons on additional channels.

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

SEL buttons - The SEL buttons activate the associated channels in the DAW software in order to perform a specific operation (for example, when adjusting EQ with the ASSIGNABLE ENCODERS, the SEL switch will be used to choose the channel you want to adjust). When a channel is selected, the associated SEL switch's red LED will light up.

7. DAW Selector section

QconProXS has built-in Mackie Control protocols & HUI for different DAW such as Cubase™, Samplitude™, Ableton Live™, Logic Pro™ and ProTools™ By selecting the correct DAW and Mackie control (HUI) protocol, QconProXS has automatically mapped the major functions and work seamlessly with that DAW.

6thCh. Rec / 7thCh. Rec buttons - These buttons are used to scroll through the DAW list. The name of the DAW will display on the LCD.

8thCh. Rec button - Press to enter the DAW selection.

To change your QconProXS DAW mode, turn off and on the power switch to enter the DAW selection mode. Select your desired DAW from the list with the "6thCh. Rec " / "7thCh. Rec" buttons.

Note: *You have to select the "Unit Number" for QconProXS before you select the DAW.*

Tips: *DAW button could not be activated if a DAW software is running.*

*(**Note:** We will update QconProXS firmware from time to time to support additional DAW apart from the current existing list. Please check our official website to download and upgrade your QconProXS firmware).*

*(**Tips:** QconProXS will memorize your last selected DAW mode and re-enter the same mode few seconds after it's been switched on. (i.e. DAW mode selection is not needed if last mode is being used.)*

Rear Panel Layout

1. User A / User B 1/4” TRS connectors

These 1/4” TRS connectors are able to connect to foot pedals to activate your selected functions. To set their parameters, select USER A and USER B parameters at Mackie control mode.

2. USB port

Connect your QconProXS to your Mac/PC via this USB port.

3. 12V/2.5A power adaptor

Connect the provided power adaptor here.

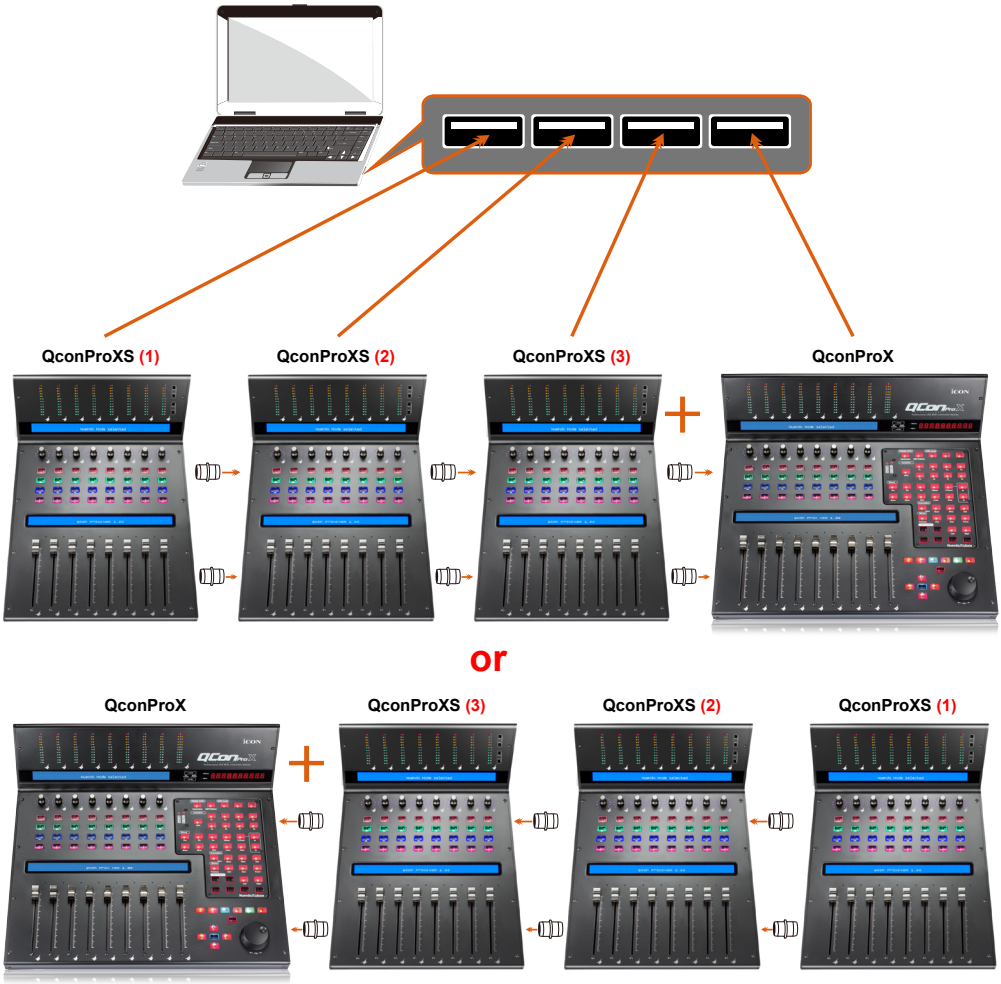
*(**Note:** QconProXS is not able to work without the provided power adaptor connected. The USB bus power is not able to provide sufficient power supply for QconProXS.)*

Getting Started (Use as a extender with QconProX)
Connecting Your QconProXS Controller

1. Connect the QconProXS to your Mac/PC via the USB port

Choose a USB port on your Mac/PC and insert the wide (flat) end of the USB cable. Connect the cable's other end to the QconProXS. Your Mac/PC should automatically "detect" the new hardware and notify you that it is ready to use.

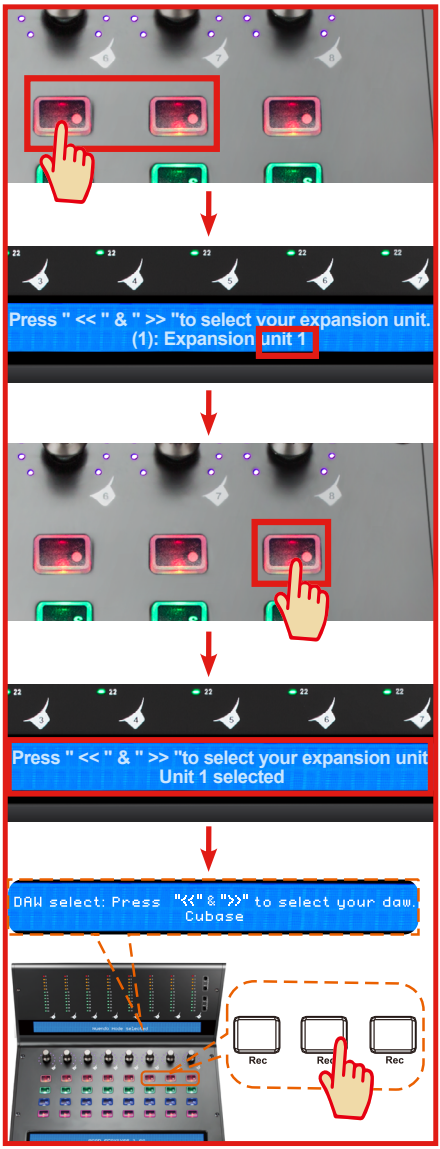
*(**Tips:** We recommended that you use ICON's OneHub USB hub, which allows you to connect up to 3 units of QconProXS, if you are not connecting QconProXS directly to your computer's USB port.)*



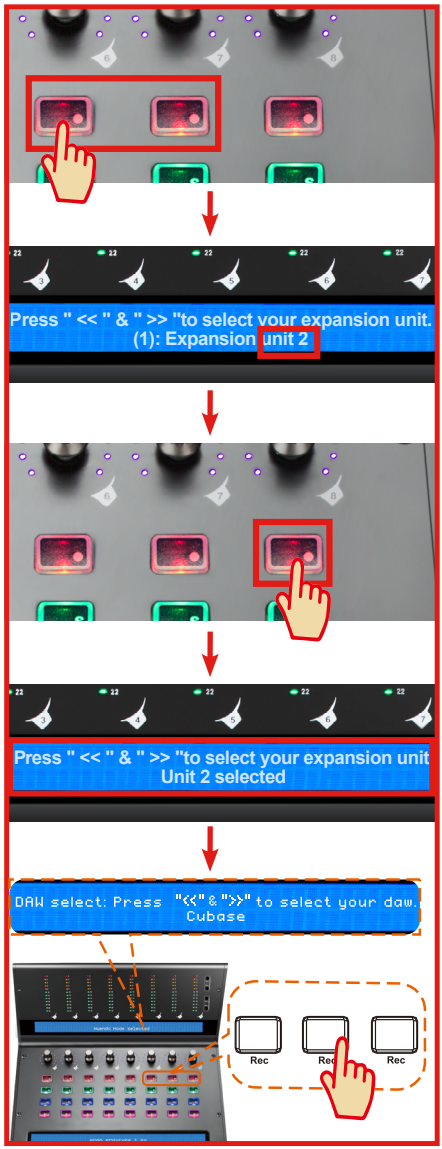
2. Select the DAW.

Press << (channel 6's "Rec" button)/>> (channel 7's "Rec" button) to scroll through the DAW list, and then press the "DAW" (channel 8's "Rec" button) button to make the selection.

1 QconProXS (1)



2 QconProXS (2)



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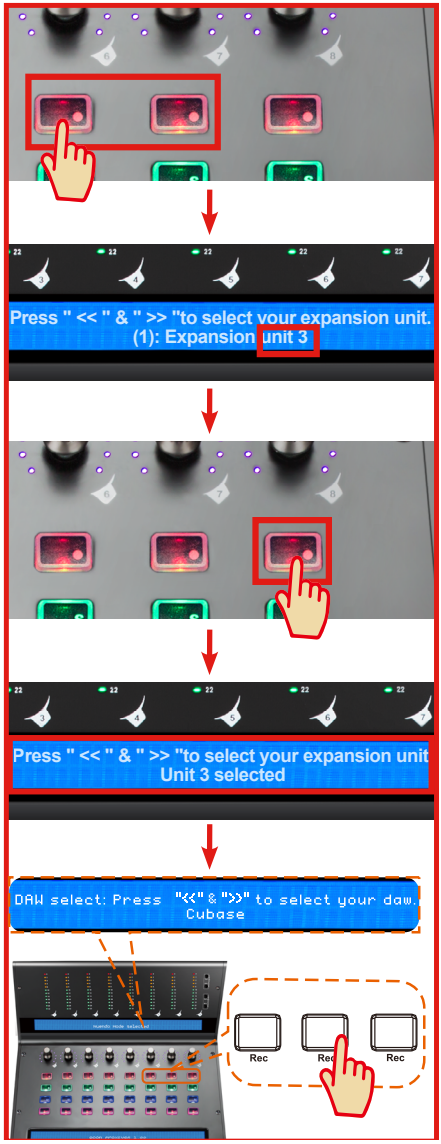


4 QconProX

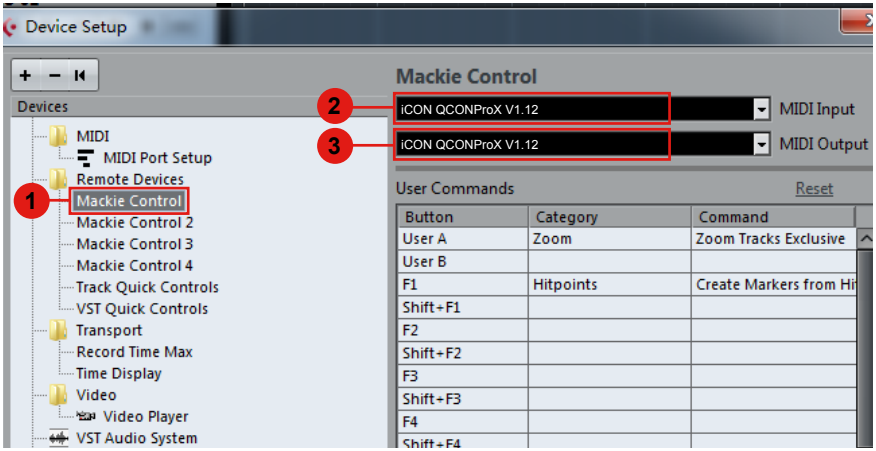
3. Setup your DAW

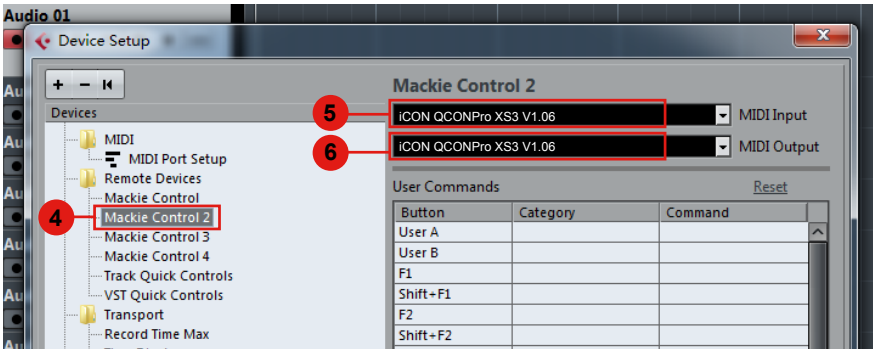
The QconProXS has built-in Mackie Control and HUI protocol which will save you considerable trouble in setting up the device at your DAW. Simply add the “Mackie Control” or “HUI” device under the “MIDI Controller” on your software. After the Mackie Control or HUI device has been added, select QconProXS controller as your MIDI input and output device in your DAW.

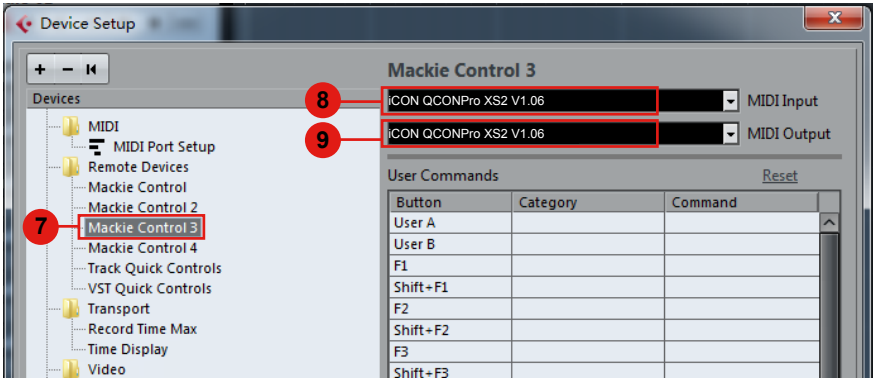
For the software below, please use Mackie Control
Nuendo/Cubase™, Logic Pro™, Samplitude™, Bitwig™, Reason™, Reaper™, Studio One™ and Ableton Live™.

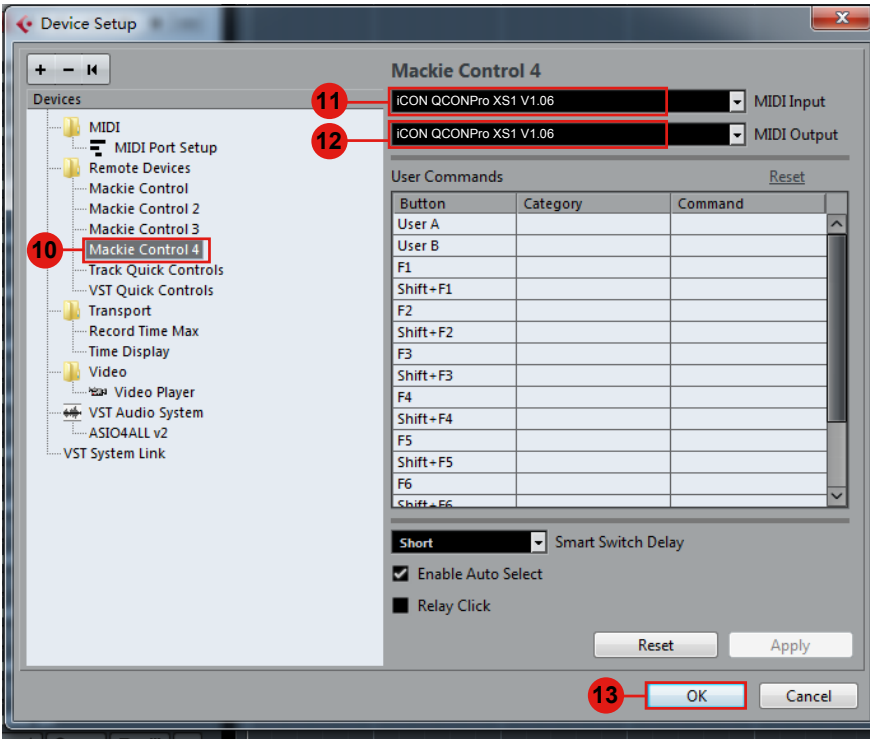
or the software below, please use HUI
Pro Tools™.
*(**Tips:** You may also refer to our website at **www.iconproaudio.com**, where you’ll find set up illustrations for different DAW’s in each controller (QconProXS) product page’s “Setup demo” section.*
For DAW’s not on our setup demo list, please refer to your software user manual for hardware setup.)

Cubase

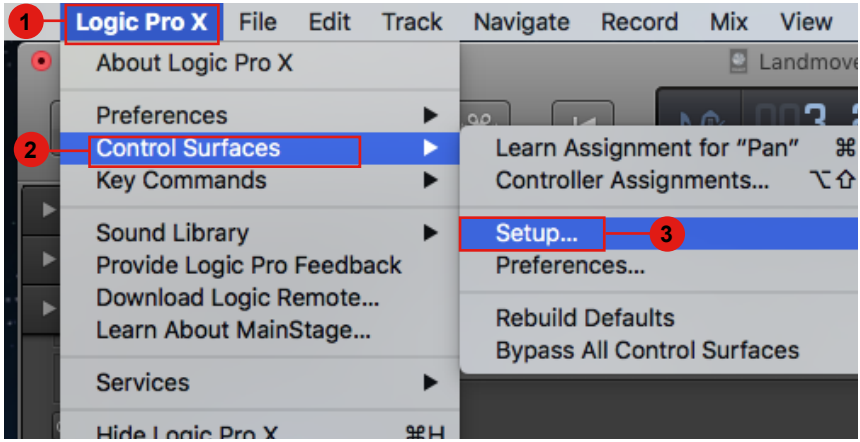


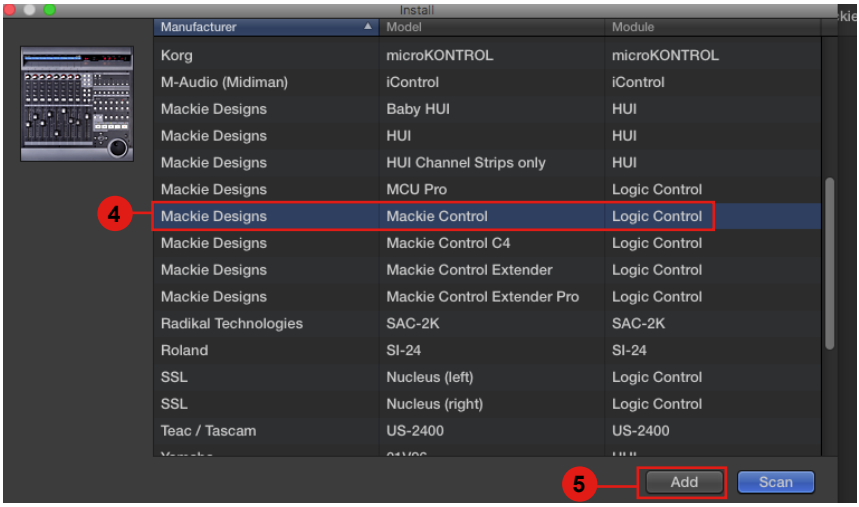



Device Setup
Devices
MIDI
MIDI Port Setup
Remote Devices
Mackie Control
Mackie Control 2
Mackie Control 3
Mackie Control 4
Track Quick Controls
VST Quick Controls
Transport
Record Time Max
Time Display
Video
Mackie Control 3
8
iCON QCONPro XS2 V1.06
MIDI Input
9
iCON QCONPro XS2 V1.06
MIDI Output
User Commands
Reset
Button
Category
Command
User A
User B
F1
Shift+F1
F2
Shift+F2
F3
Shift+F3
7


Device Setup
Devices
MIDI
MIDI Port Setup
Remote Devices
Mackie Control
Mackie Control 2
Mackie Control 3
Mackie Control 4
Track Quick Controls
VST Quick Controls
Transport
Record Time Max
Time Display
Video
Video Player
VST Audio System
ASIO4ALL v2
VST System Link
Mackie Control 4
11
iCON QCONPro XS1 V1.06
MIDI Input
12
iCON QCONPro XS1 V1.06
MIDI Output
User Commands
Reset
Button
Category
Command
User A
User B
F1
Shift+F1
F2
Shift+F2
F3
Shift+F3
F4
Shift+F4
F5
Shift+F5
F6
Short
Smart Switch Delay
Enable Auto Select
Relay Click
Reset
Apply
13
OK
Cancel
10

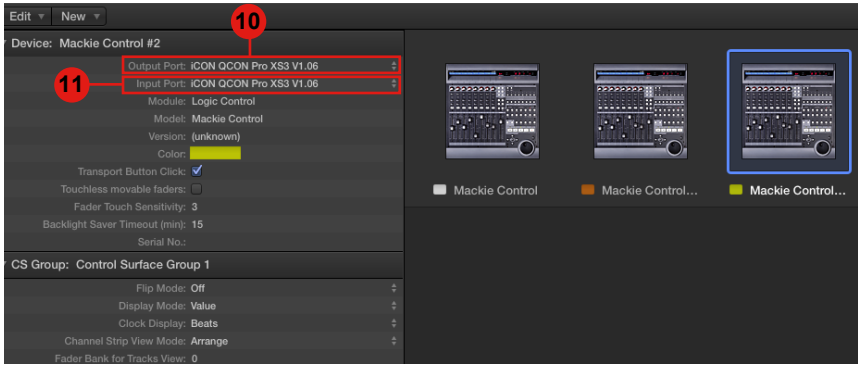
Logic Pro

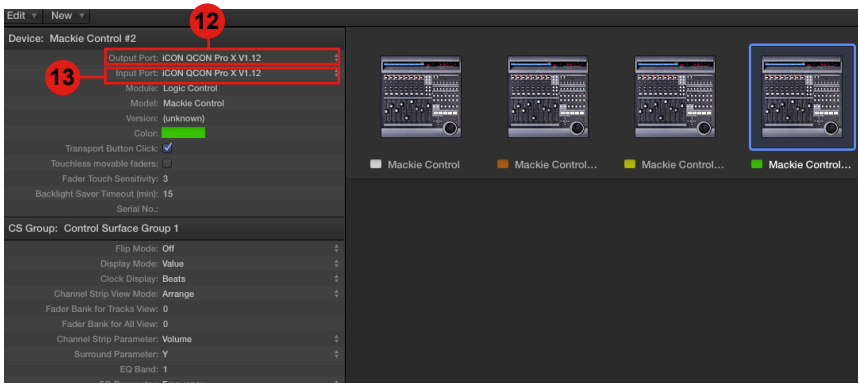

1
Logic Pro X
File
Edit
Track
Navigate
Record
Mix
View
About Logic Pro X
Preferences
2
Control Surfaces
Key Commands
Sound Library
Provide Logic Pro Feedback
Download Logic Remote...
Learn About MainStage...
Services
Hide Logic Pro X
Learn Assignment for "Pan"
Controller Assignments...
Setup...
3
Preferences...
Rebuild Defaults
Bypass All Control Surfaces


Install
Manufacturer
Model
Module
Korg
microKONTROL
microKONTROL
M-Audio (Midiman)
iControl
iControl
Mackie Designs
Baby HUI
HUI
Mackie Designs
HUI
HUI
Mackie Designs
HUI Channel Strips only
HUI
Mackie Designs
MCU Pro
Logic Control
4
Mackie Designs
Mackie Control
Logic Control
Mackie Designs
Mackie Control C4
Logic Control
Mackie Designs
Mackie Control Extender
Logic Control
Mackie Designs
Mackie Control Extender Pro
Logic Control
Radikal Technologies
SAC-2K
SAC-2K
Roland
SI-24
SI-24
SSL
Nucleus (left)
Logic Control
SSL
Nucleus (right)
Logic Control
Teac / Tascam
US-2400
US-2400
5
Add
Scan

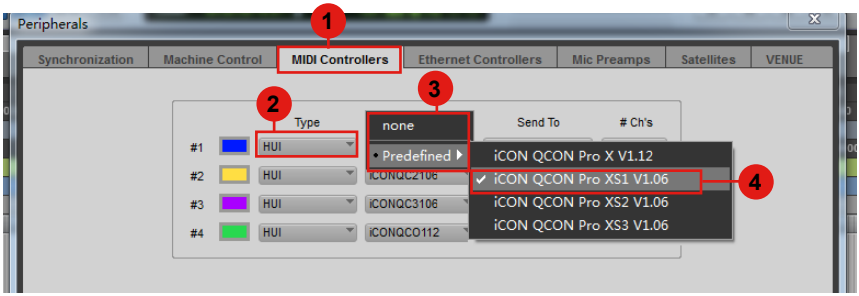
Edit
New
6
Device: Mackie Control
Output Port: iCON QCON Pro XS1 V1.06
7
Input Port: iCON QCON Pro XS1 V1.06
Module: Logic Control
Model: Mackie Control
Version: (unknown)
Color:
Transport Button Click:
Touchless movable faders:
Fader Touch Sensitivity: 3
Backlight Saver Timeout (min): 15
Serial No.:
CS Group: Control Surface Group 1
Flip Mode: Off
Display Mode: Value
Mackie Control
Mackie Control...

Edit
New
8
Device: Mackie Control #2
Output Port: iCON QCON Pro XS2 V1.06
9
Input Port: iCON QCON Pro XS2 V1.06
Module: Logic Control
Model: Mackie Control
Version: (unknown)
Color:
Transport Button Click:
Touchless movable faders:
Fader Touch Sensitivity: 3
Backlight Saver Timeout (min): 15
Serial No.:
CS Group: Control Surface Group 1
Mackie Control
Mackie Control...


Edit
New
10
Device: Mackie Control #2
11
Output Port: iCON QCON Pro XS3 V1.06
Input Port: iCON QCON Pro XS3 V1.06
Module: Logic Control
Model: Mackie Control
Version: (unknown)
Color:
Transport Button Click:
Touchless movable faders:
Fader Touch Sensitivity: 3
Backlight Saver Timeout (min): 15
Serial No.:
CS Group: Control Surface Group 1
Flip Mode: Off
Display Mode: Value
Clock Display: Beats
Channel Strip View Mode: Arrange
Fader Bank for Tracks View: 0
Mackie Control
Mackie Control...
Mackie Control...


Edit
New
12
Device: Mackie Control #2
13
Output Port: iCON QCON Pro X V1.12
Input Port: iCON QCON Pro X V1.12
Module: Logic Control
Model: Mackie Control
Version: (unknown)
Color:
Transport Button Click:
Touchless movable faders:
Fader Touch Sensitivity: 3
Backlight Saver Timeout (min): 15
Serial No.:
CS Group: Control Surface Group 1
Flip Mode: Off
Display Mode: Value
Clock Display: Beats
Channel Strip View Mode: Arrange
Fader Bank for Tracks View: 0
Fader Bank for All View: 0
Channel Strip Parameter: Volume
Surround Parameter: Y
EQ Band: 1
Mackie Control
Mackie Control...
Mackie Control...
Mackie Control...

Pro Tools


Peripherals
Synchronization
Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
1
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3
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#4
HUI
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iCON QCON Pro X V1.12
iCON QCON Pro XS1 V1.06
iCON QCON Pro XS2 V1.06
iCON QCON Pro XS3 V1.06
4

MIDI Controllers
Type
Receive From
Send To
Ch's
5
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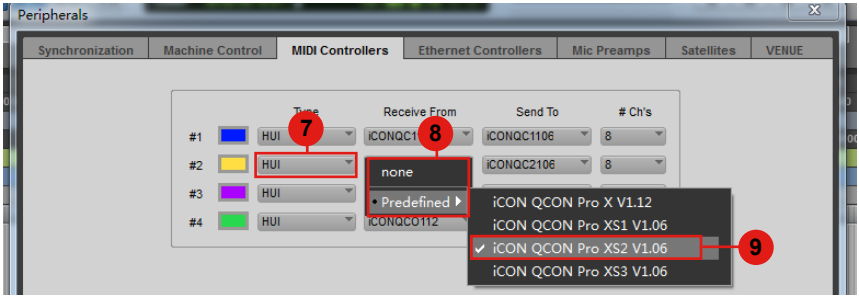
iCON QCON Pro X V1.12
iCON QCON Pro XS1 V1.06
iCON QCON Pro XS2 V1.06
iCON QCON Pro XS3 V1.06
Microsoft GS Wavetable Synth
Microsoft MIDI Mapper
6


Peripherals
MIDI Controllers
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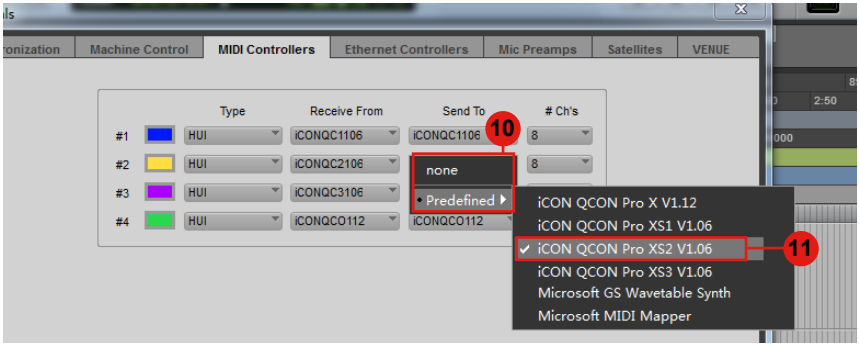
iCON QCON Pro XS3 V1.06
9


MIDI Controllers
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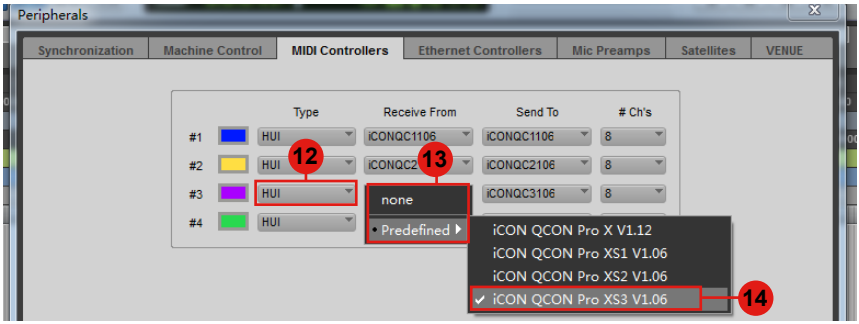
iCON QCON Pro X V1.12
iCON QCON Pro XS1 V1.06
iCON QCON Pro XS2 V1.06
iCON QCON Pro XS3 V1.06
Microsoft GS Wavetable Synth
Microsoft MIDI Mapper
11


Peripherals
Synchronization
Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
Type
Receive From
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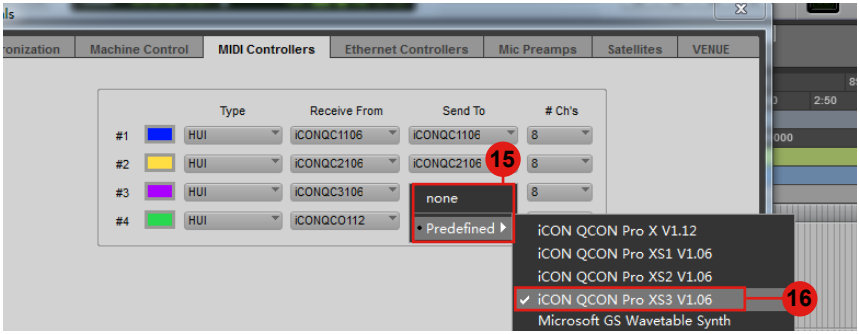
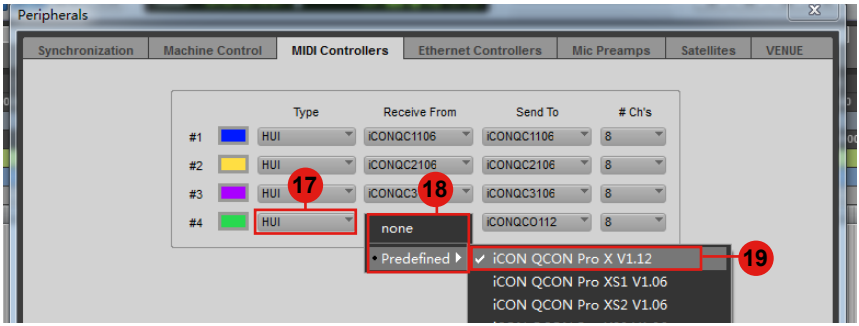
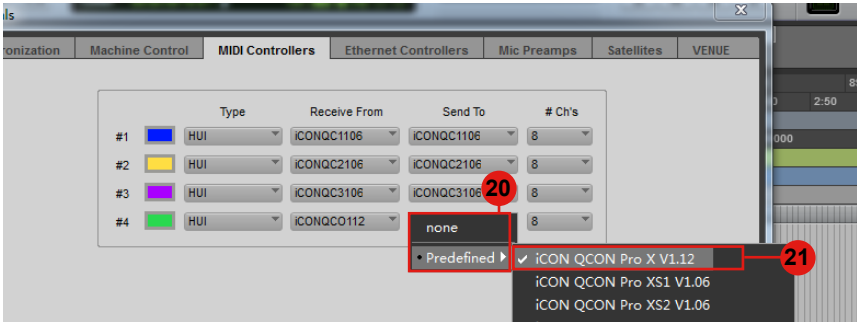
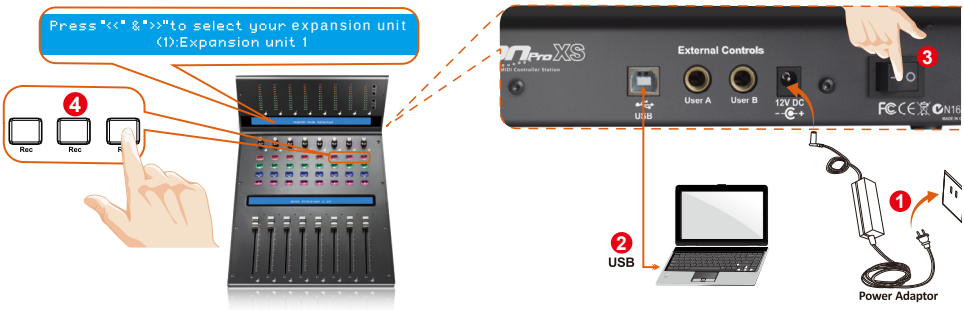
Ch's
#1
#2
#3
#4
HUI
iCONQC1106
iCONQC2106
iCONQC3106
iCONQCO112
8
12
13
none
Predefined
iCON QCON Pro X V1.12
iCON QCON Pro XS1 V1.06
iCON QCON Pro XS2 V1.06
iCON QCON Pro XS3 V1.06
14


Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
Type
Receive From
Send To
Ch's
#1
#2
#3
#4
HUI
iCONQC1106
iCONQC2106
iCONQC3106
iCONQCO112
8
15
none
Predefined
iCON QCON Pro X V1.12
iCON QCON Pro XS1 V1.06
iCON QCON Pro XS2 V1.06
iCON QCON Pro XS3 V1.06
Microsoft GS Wavetable Synth
16


Peripherals
Synchronization
Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
Type
Receive From
Send To
Ch's
#1
#2
#3
#4
HUI
iCONQC1106
iCONQC2106
iCONQC3106
iCONQCO112
8
17
18
none
Predefined
iCON QCON Pro X V1.12
iCON QCON Pro XS1 V1.06
iCON QCON Pro XS2 V1.06
19


Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
Satellites
VENUE
Type
Receive From
Send To
Ch's
#1
#2
#3
#4
HUI
iCONQC1106
iCONQC2106
iCONQC3106
iCONQCO112
8
20
none
Predefined
iCON QCON Pro X V1.12
iCON QCON Pro XS1 V1.06
iCON QCON Pro XS2 V1.06
21

Connecting Your QconProXS Controller (Standalone device)



2 Connect the QconProXS to your Mac/PC via the USB port

Choose a USB port on your Mac/PC and insert the wide (flat) end of the USB cable. Connect the cable's other end to the QconProXS. Your Mac/PC should automatically "detect" the new hardware and notify you that it is ready to use.

4 Select unit number

Select "unit number 1".

5 Select the DAW

Press the 6thCh. Rec / 7thCh. Rec buttons to scroll through the DAW list and press the "8thCh. Rec" button to make the selection.

Tips: *QconProXS will memorize your last selected DAW mode and re-enter the same mode few seconds after it's been switched on. (i.e. DAW mode selection is not needed if last mode is being used.)*

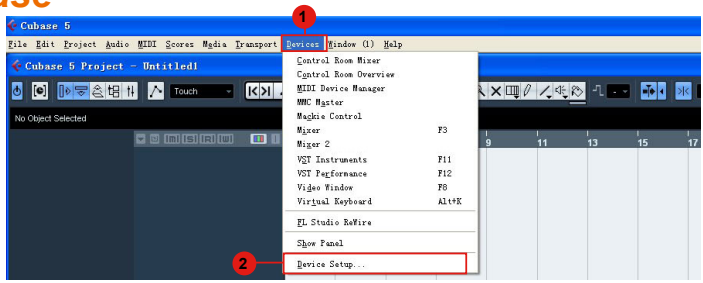
6 Setup your DAW

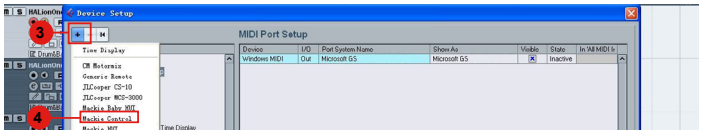
The QconProXS has built-in Mackie Control and HUI protocol which will save you considerable trouble in setting up the device at your DAW. Simply add the “Mackie Control” or “HUI” device under the “MIDI Controller” on your software. After the Mackie Control or HUI device has been added, select QconProXS controller as your MIDI input and output device in your DAW.

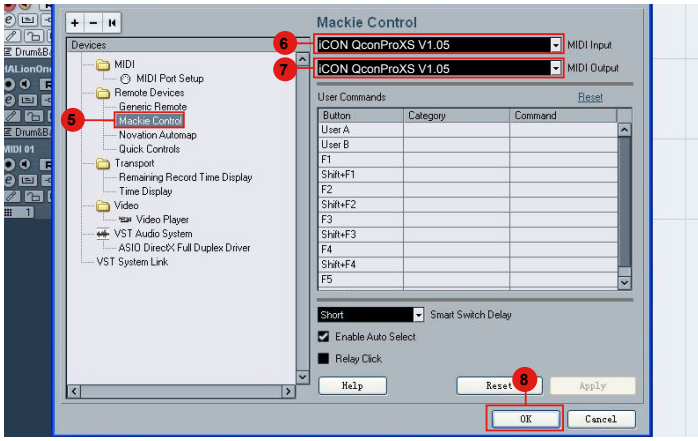
For the software below, please use Mackie Control
Nuendo/Cubase™, Logic Pro™, Samplitude™, Bitwig™, Reason™, Reaper™, Studio One™ and Ableton Live™.

or the software below, please use HUI
Pro Tools™.
*(**Tips:** You may also refer to our website at **www.iconproaudio.com**, where you’ll find set up illustrations for different DAW’s in each controller (QconProXS) product page’s “Setup demo” section.*
For DAW’s not on our setup demo list, please refer to your software user manual for hardware setup.)

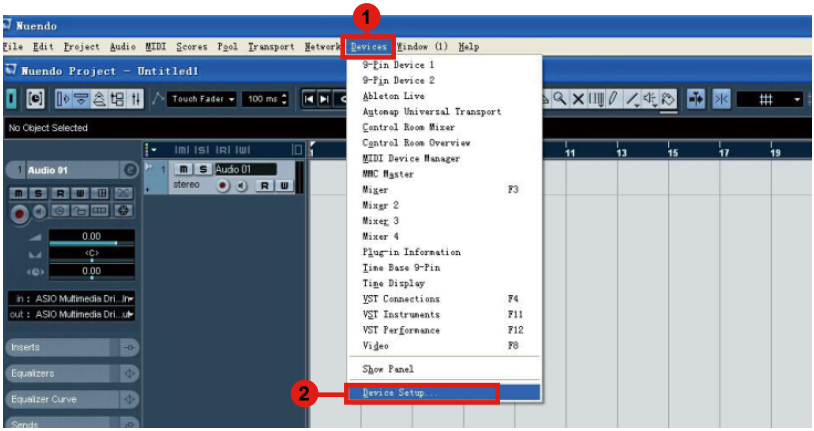
Cubase

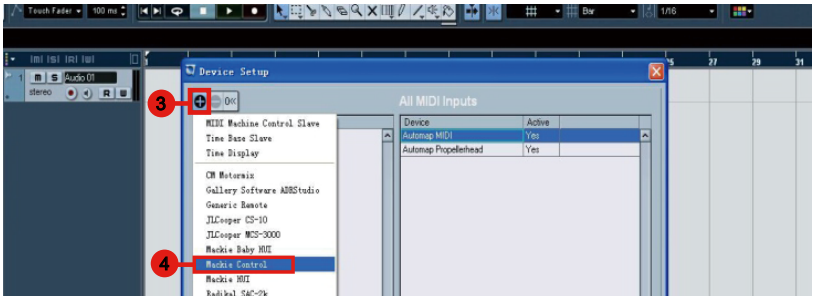


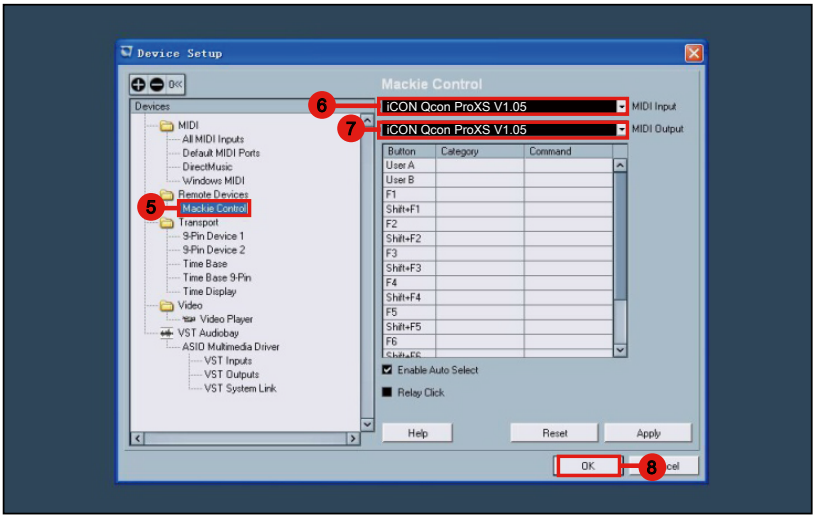




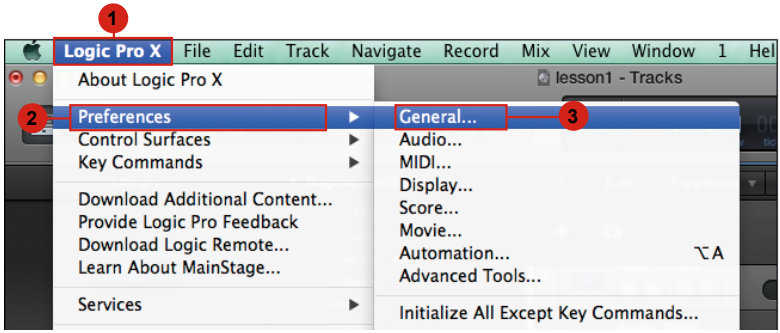
Nuendo

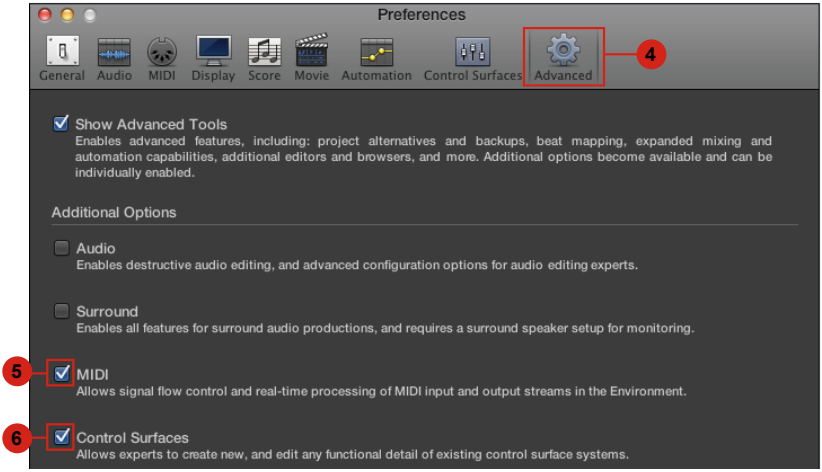

1
Devices
Device Setup...
2

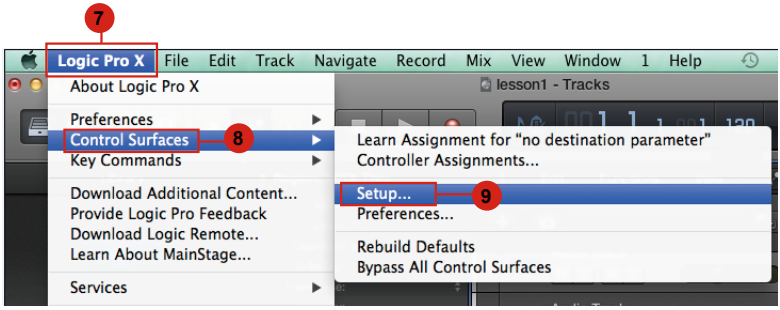

Device Setup
All MIDI Inputs
3
4
Mackie Control

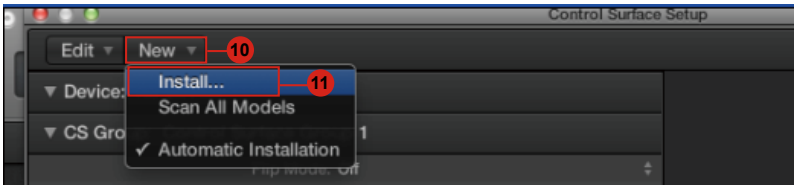

Device Setup
Mackie Control
6
iCON Qcon ProXS V1.05
MIDI Input
7
iCON Qcon ProXS V1.05
MIDI Output
5
Mackie Control
Enable Auto Select
Relay Click
Help
Reset
Apply
OK
8

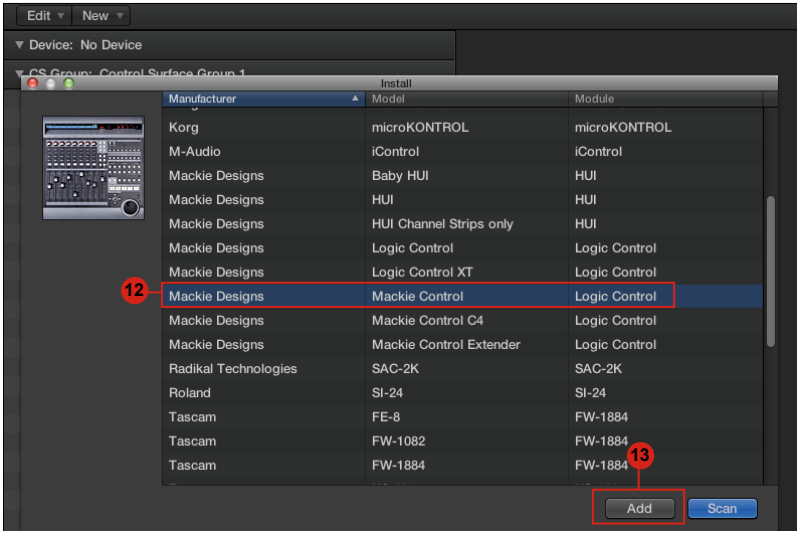
Logic Pro


1
Logic Pro X
File
Edit
Track
Navigate
Record
Mix
View
Window
1
Hel
About Logic Pro X
lesson1 - Tracks
2
Preferences
Control Surfaces
Key Commands
Download Additional Content...
Provide Logic Pro Feedback
Download Logic Remote...
Learn About MainStage...
Services
General...
3
Audio...
MIDI...
Display...
Score...
Movie...
Automation...
⌥A
Advanced Tools...
Initialize All Except Key Commands...


Preferences
General
Audio
MIDI
Display
Score
Movie
Automation
Control Surfaces
Advanced
4
Show Advanced Tools
Enables advanced features, including: project alternatives and backups, beat mapping, expanded mixing and automation capabilities, additional editors and browsers, and more. Additional options become available and can be individually enabled.
Additional Options
Audio
Enables destructive audio editing, and advanced configuration options for audio editing experts.
Surround
Enables all features for surround audio productions, and requires a surround speaker setup for monitoring.
5
MIDI
Allows signal flow control and real-time processing of MIDI input and output streams in the Environment.
6
Control Surfaces
Allows experts to create new, and edit any functional detail of existing control surface systems.

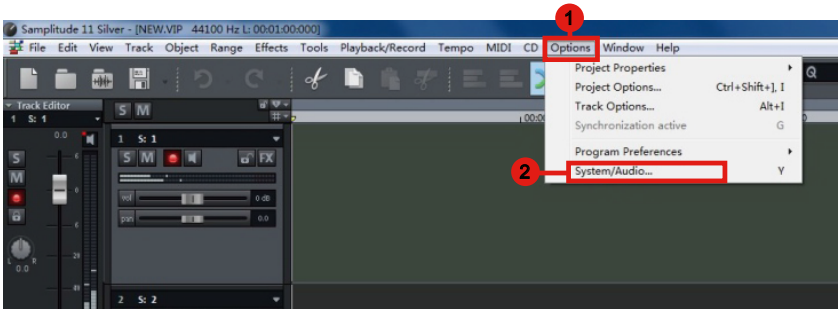

7
Logic Pro X
File
Edit
Track
Navigate
Record
Mix
View
Window
1
Help
About Logic Pro X
lesson1 - Tracks
Preferences
Control Surfaces
8
Key Commands
Download Additional Content...
Provide Logic Pro Feedback
Download Logic Remote...
Learn About MainStage...
Services
Learn Assignment for "no destination parameter"
Controller Assignments...
Setup...
9
Preferences...
Rebuild Defaults
Bypass All Control Surfaces

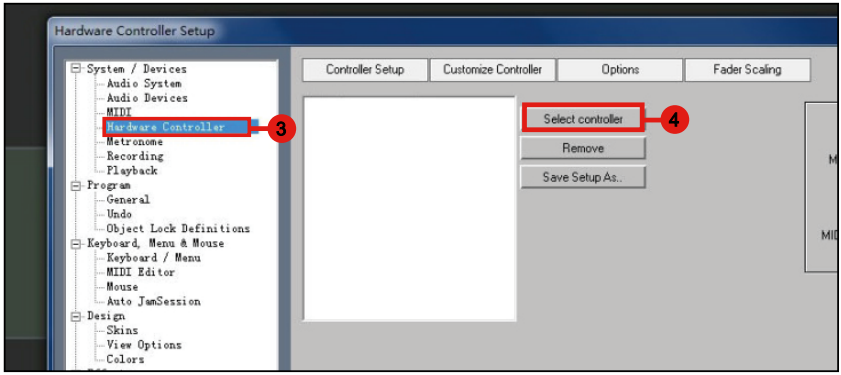

Control Surface Setup
Edit
New
10
Install...
11
Scan All Models
Automatic Installation
Device:
CS Gro

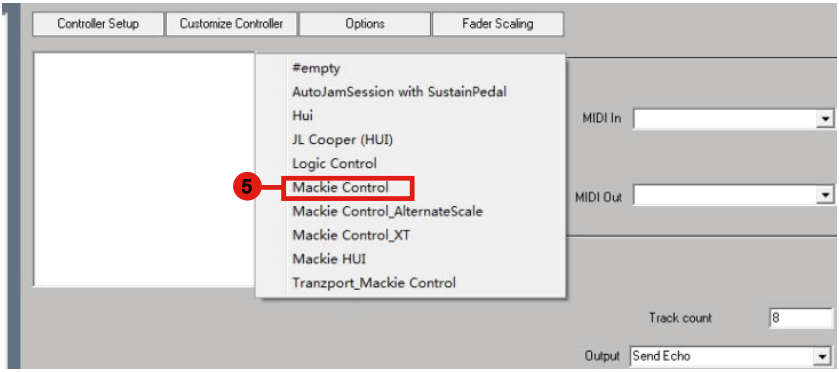

Edit
New
Device: No Device
Install
Manufacturer
Model
Module
Korg
microKONTROL
microKONTROL
M-Audio
iControl
iControl
Mackie Designs
Baby HUI
HUI
Mackie Designs
HUI
HUI
Mackie Designs
HUI Channel Strips only
HUI
Mackie Designs
Logic Control
Logic Control
Mackie Designs
Logic Control XT
Logic Control
12
Mackie Designs
Mackie Control
Logic Control
Mackie Designs
Mackie Control C4
Logic Control
Mackie Designs
Mackie Control Extender
Logic Control
Radikal Technologies
SAC-2K
SAC-2K
Roland
SI-24
SI-24
Tascam
FE-8
FW-1884
Tascam
FW-1082
FW-1884
Tascam
FW-1884
FW-1884
13
Add
Scan

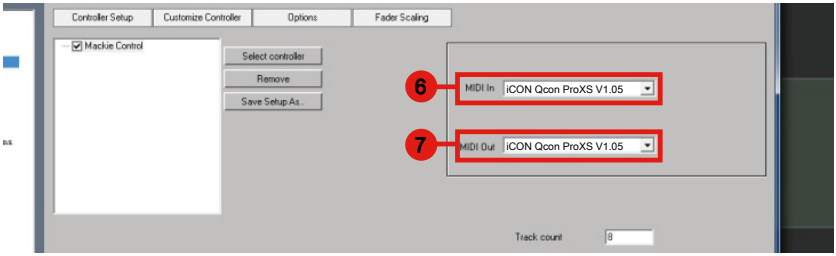
Control Surface Setup
Edit
New
Device: Mackie Control
14
Output Port: iCON Qcon ProXS V1.05
15
Input Port: iCON Qcon ProXS V1.05
Module: Logic Control
Model: Mackie Control
Version: (unknown)
Color:
Transport Button Click:
Touchless movable faders:
Fader Touch Sensitivity: 3
Backlight Saver Timeout (min): 15
Mackie Control

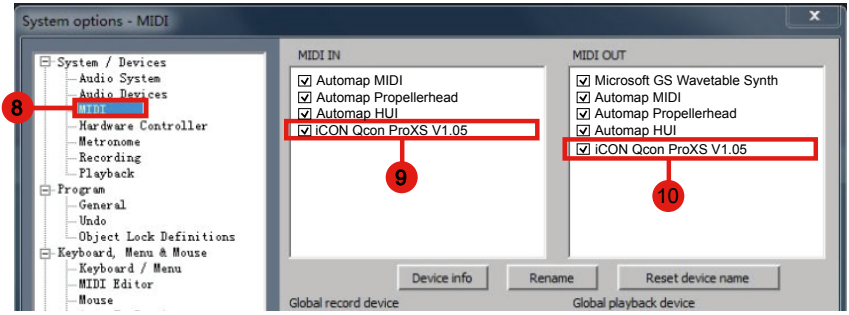
Samplitude


1
Samplitude 11 Silver - [NEW.VIP 44100 Hz L: 00:01:00:000]
File Edit View Track Object Range Effects Tools Playback/Record Tempo MIDI CD Options Window Help
Project Properties
Project Options... Ctrl+Shift+J, I
Track Options... Alt+I
Synchronization active G
Program Preferences
2
System/Audio... Y
Track Editor

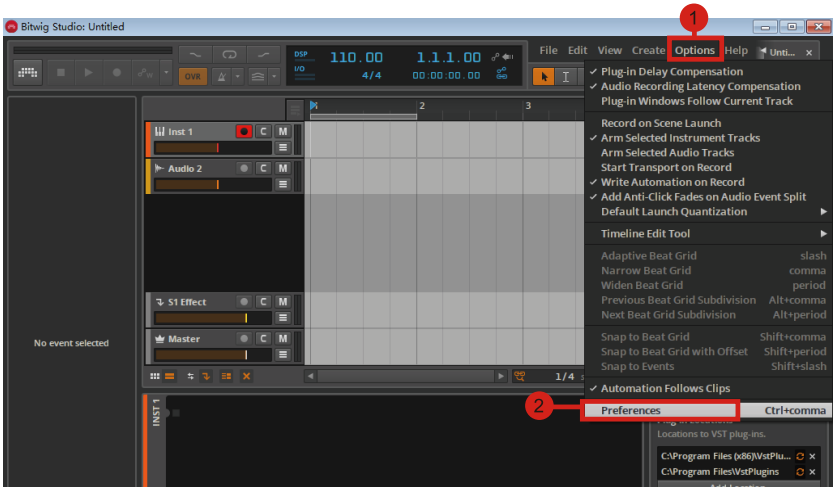

Hardware Controller Setup
System / Devices
Audio System
Audio Devices
MIDI
Hardware Controller
Metronome
Recording
Playback
Program
General
Undo
Object Lock Definitions
Keyboard, Menu & Mouse
Keyboard / Menu
MIDI Editor
Mouse
Auto JamSession
Design
Skins
View Options
Colors
Controller Setup
Customize Controller
Options
Fader Scaling
Select controller
Remove
Save Setup As..
3
4

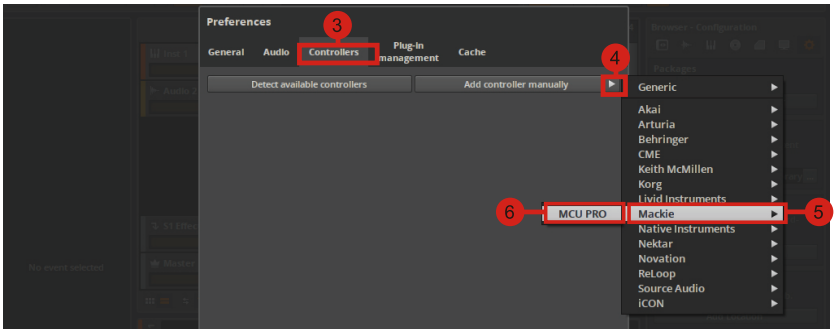

Controller Setup
Customize Controller
Options
Fader Scaling
#empty
AutoJamSession with SustainPedal
Hui
JL Cooper (HUI)
Logic Control
Mackie Control
Mackie Control_AlternateScale
Mackie Control_XT
Mackie HUI
Tranzport_Mackie Control
5
MIDI In
MIDI Out
Track count
8
Output
Send Echo

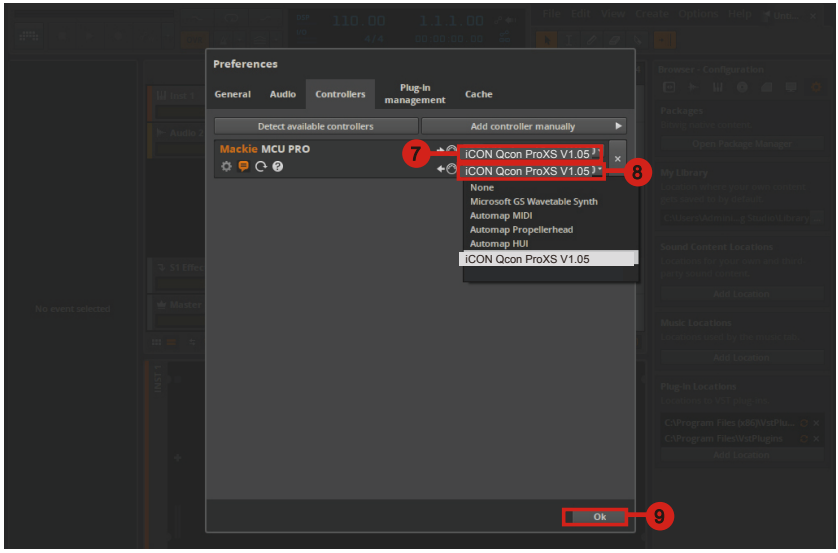

Controller Setup
Customize Controller
Options
Fader Scaling
Mackie Control
Select controller
Remove
Save Setup As..
6
MIDI In
iCON Qcon ProXS V1.05
7
MIDI Out
iCON Qcon ProXS V1.05
Track count
8


System options - MIDI
System / Devices
Audio System
Audio Devices
MIDI
Hardware Controller
Metronome
Recording
Playback
Program
General
Undo
Object Lock Definitions
Keyboard, Menu & Mouse
Keyboard / Menu
MIDI Editor
Mouse
8
MIDI IN
Automap MIDI
Automap Propellerhead
Automap HUI
iCON Qcon ProXS V1.05
9
MIDI OUT
Microsoft GS Wavetable Synth
Automap MIDI
Automap Propellerhead
Automap HUI
iCON Qcon ProXS V1.05
10
Device info
Rename
Reset device name
Global record device
Global playback device

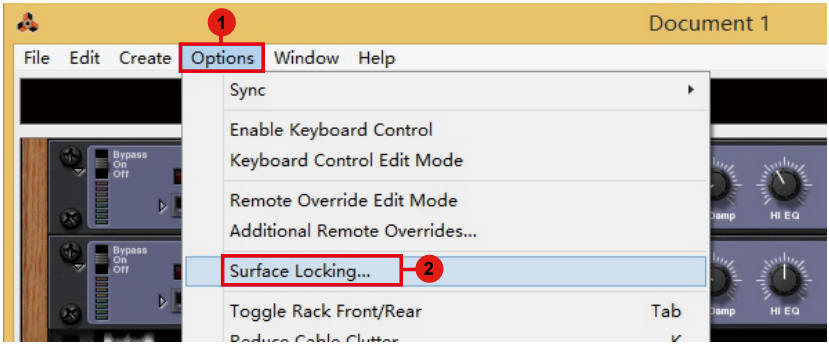
Bitwig

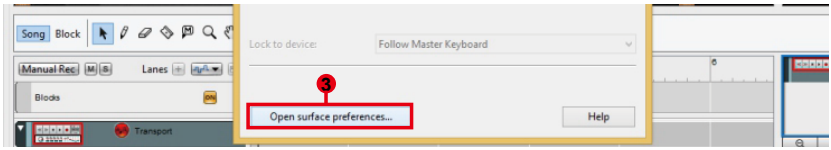

1
Options
2
Preferences
Ctrl+comma

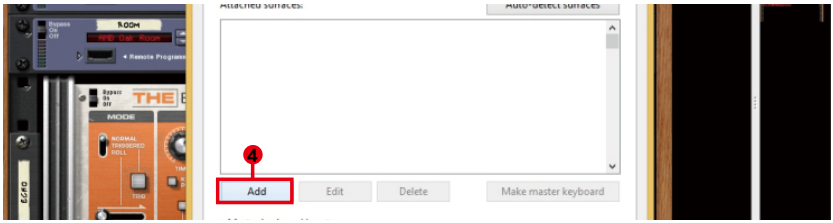

Preferences
3
General
Audio
Controllers
Plug-In management
Cache
4
Detect available controllers
Add controller manually
Generic
Akai
Arturia
Behringer
CME
Keith McMillen
Korg
Livid Instruments
Mackie
Native Instruments
Nektar
Novation
ReLoop
Source Audio
iCON
6
MCU PRO
5

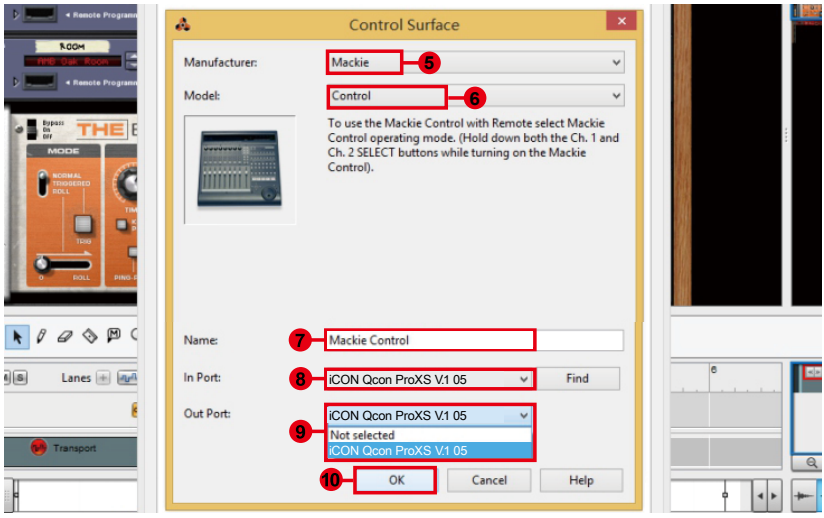

Preferences
General
Audio
Controllers
Plug-In management
Cache
Detect available controllers
Add controller manually
Mackie MCU PRO
7
iCON Qcon ProXS V1.05
iCON Qcon ProXS V1.05
8
None
Microsoft GS Wavetable Synth
Automap MIDI
Automap Propellerhead
Automap HUI
iCON Qcon ProXS V1.05
Ok
9

Reason

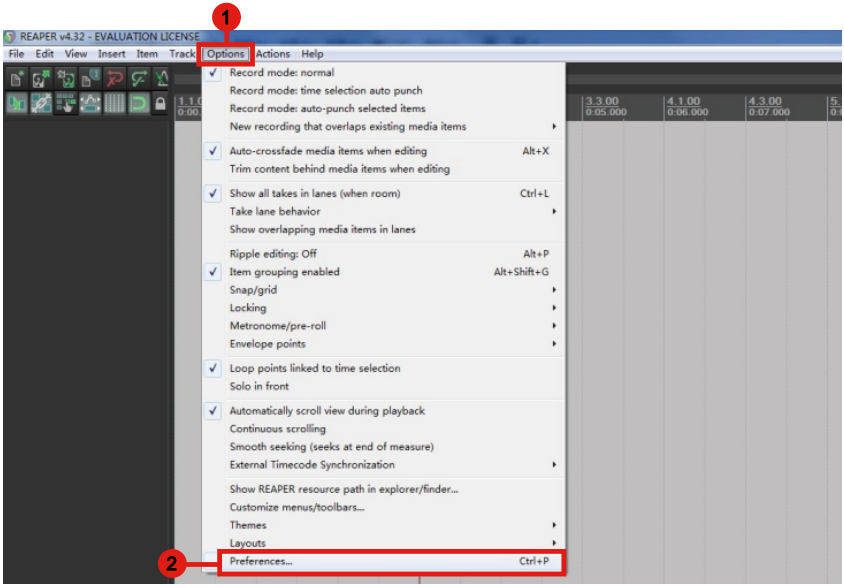

1
Document 1
File
Edit
Create
Options
Window
Help
Sync
Enable Keyboard Control
Keyboard Control Edit Mode
Remote Override Edit Mode
Additional Remote Overrides...
Surface Locking...
2
Toggle Rack Front/Rear
Tab

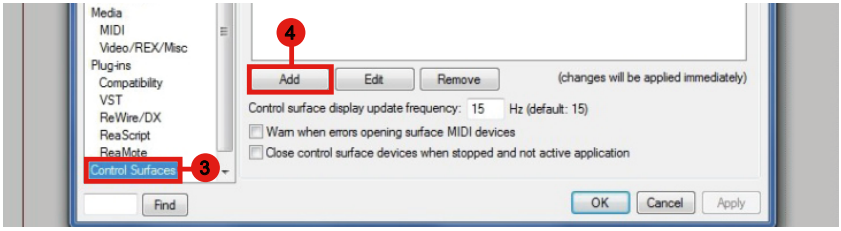

Song
Block
Manual Rec
Lanes
Blocks
Transport
Lock to device:
Follow Master Keyboard
3
Open surface preferences...
Help

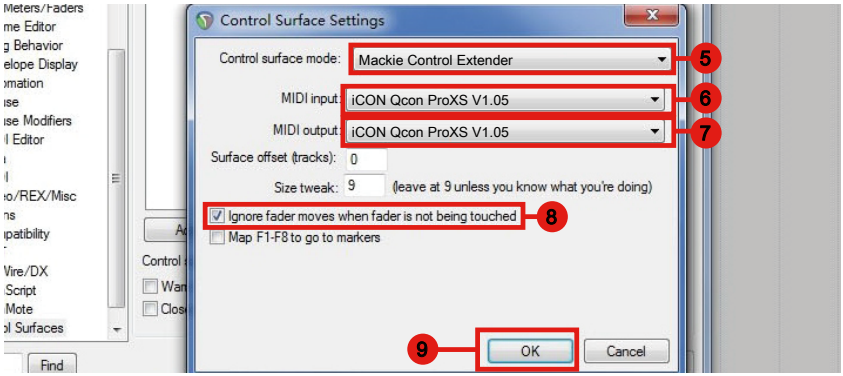

4
Add
Edit
Delete
Make master keyboard


Control Surface
Manufacturer:
Mackie
5
Model:
Control
6
To use the Mackie Control with Remote select Mackie Control operating mode. (Hold down both the Ch. 1 and Ch. 2 SELECT buttons while turning on the Mackie Control).
Name:
7
Mackie Control
In Port:
8
iCON Qcon ProXS V.1 05
Find
Out Port:
9
iCON Qcon ProXS V.1 05
Not selected
iCON Qcon ProXS V.1 05
10
OK
Cancel
Help
Lanes
Transport

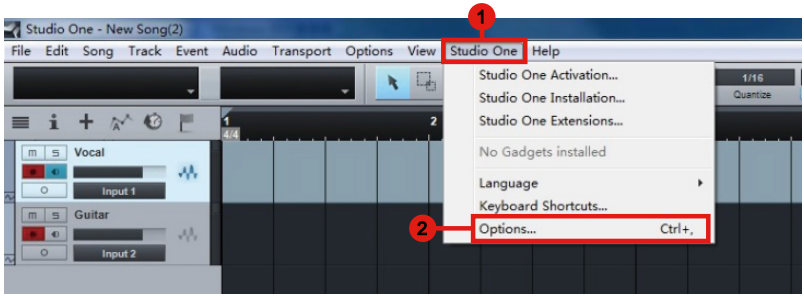
Reaper

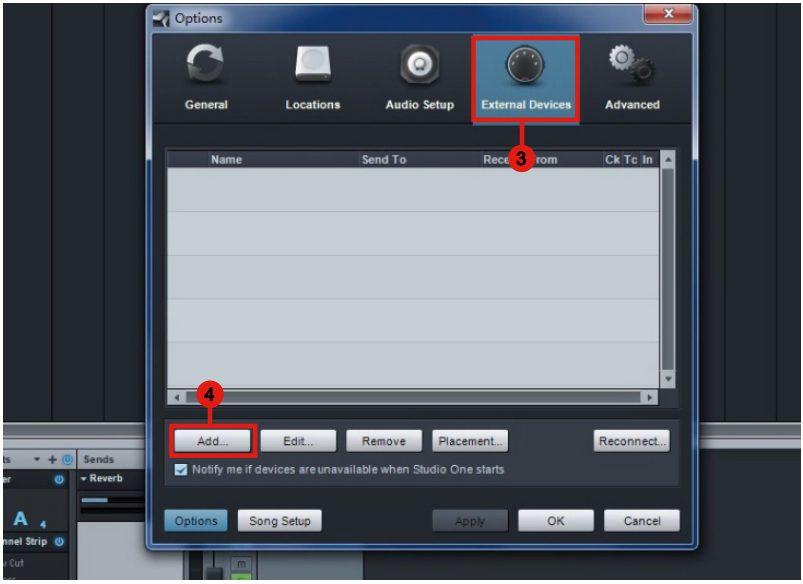

1
REAPER v4.32 - EVALUATION LICENSE
File Edit View Insert Item Track Options Actions Help
Record mode: normal
Record mode: time selection auto punch
Record mode: auto-punch selected items
New recording that overlaps existing media items
Auto-crossfade media items when editing Alt+X
Trim content behind media items when editing
Show all takes in lanes (when room) Ctrl+L
Take lane behavior
Show overlapping media items in lanes
Ripple editing: Off Alt+P
Item grouping enabled Alt+Shift+G
Snap/grid
Locking
Metronome/pre-roll
Envelope points
Loop points linked to time selection
Solo in front
Automatically scroll view during playback
Continuous scrolling
Smooth seeking (seeks at end of measure)
External Timecode Synchronization
Show REAPER resource path in explorer/finder...
Customize menus/toolbars...
Themes
Layouts
2
Preferences... Ctrl+P

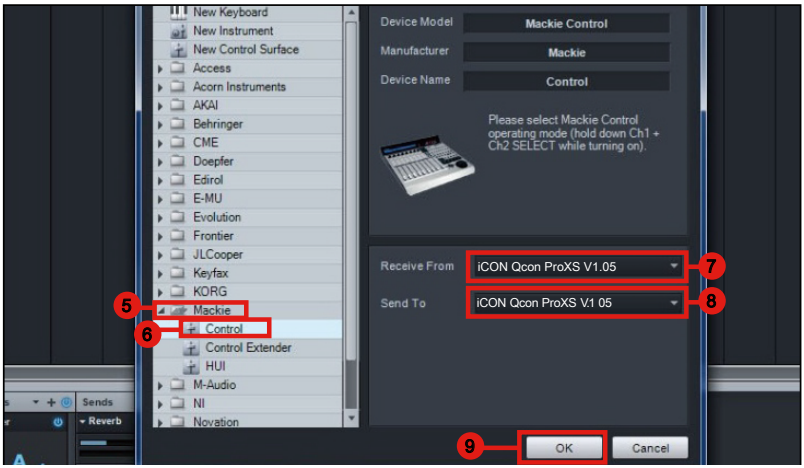

Media
MIDI
Video/REX/Misc
Plug-ins
Compatibility
VST
ReWire/DX
ReaScript
ReaMote
Control Surfaces
3
4
Add
Edit
Remove
(changes will be applied immediately)
Control surface display update frequency: 15 Hz (default: 15)
Warn when errors opening surface MIDI devices
Close control surface devices when stopped and not active application
Find
OK
Cancel
Apply


Control Surface Settings
Control surface mode: Mackie Control Extender
5
MIDI input: iCON Qcon ProXS V1.05
6
MIDI output: iCON Qcon ProXS V1.05
7
Surface offset (tracks): 0
Size tweak: 9 (leave at 9 unless you know what you're doing)
Ignore fader moves when fader is not being touched
8
Map F1-F8 to go to markers
9
OK
Cancel
Find

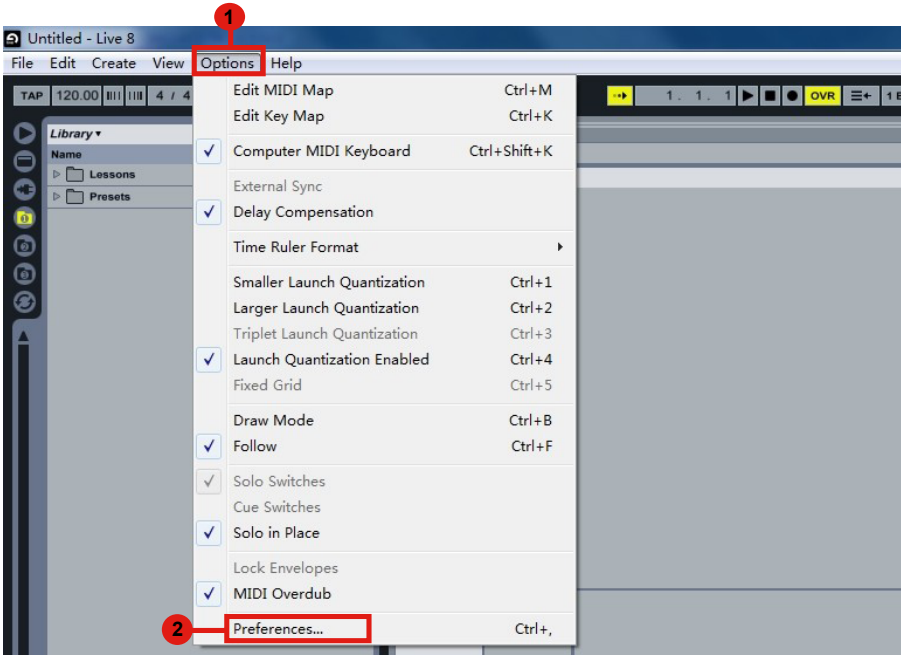
Studio One

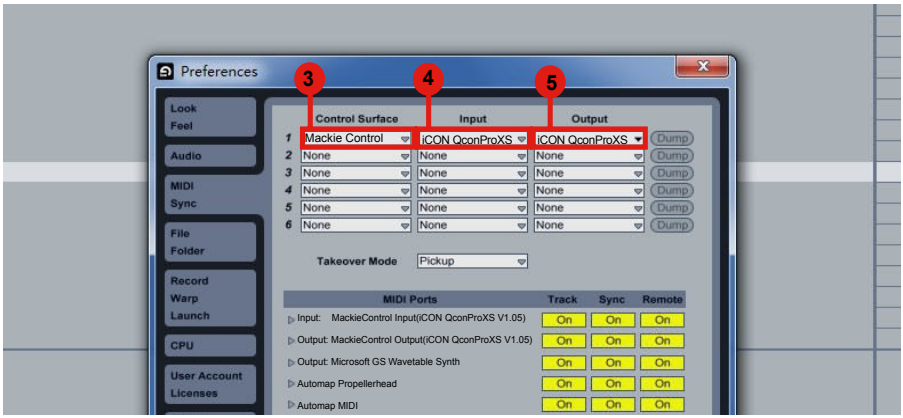

Studio One - New Song(2)
File Edit Song Track Event Audio Transport Options View Studio One Help
Studio One Activation...
Studio One Installation...
Studio One Extensions...
No Gadgets installed
Language
Keyboard Shortcuts...
Options... Ctrl+,
Vocal
Input 1
Guitar
Input 2
1
2


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

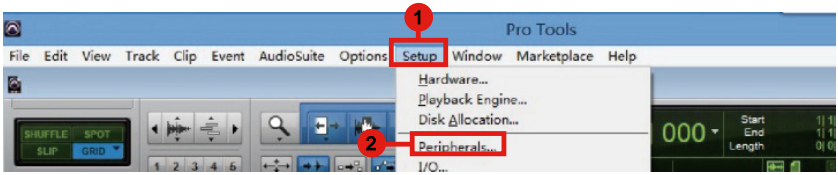

New Keyboard
New Instrument
New Control Surface
Access
Acorn Instruments
AKAI
Behringer
CME
Doepfer
Edirol
E-MU
Evolution
Frontier
JLCooper
Keyfax
KORG
Mackie
Control
Control Extender
HUI
M-Audio
NI
Novation
Device Model
Mackie Control
Manufacturer
Mackie
Device Name
Control
Please select Mackie Control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

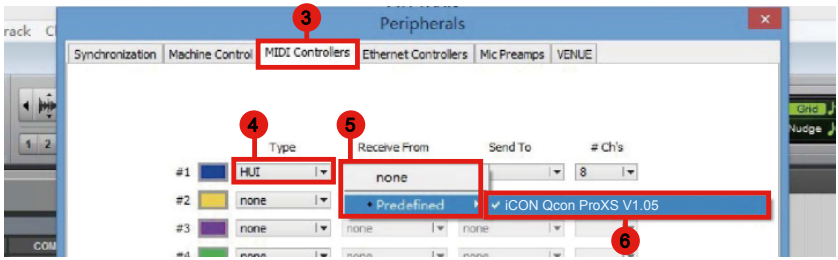
Ableton Live

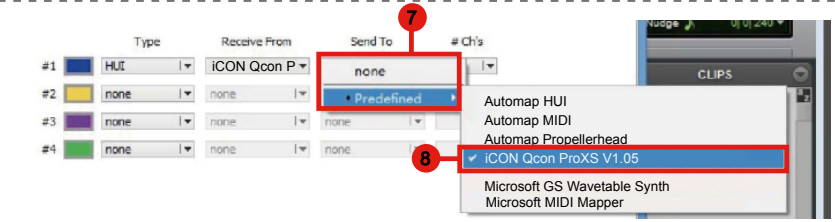




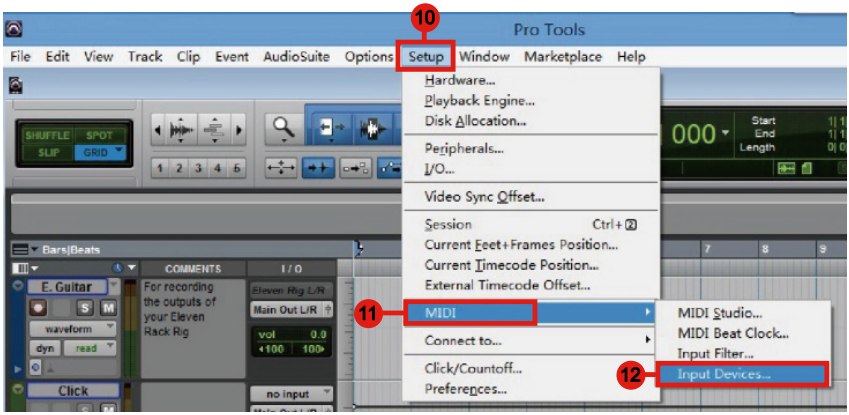
Pro Tools

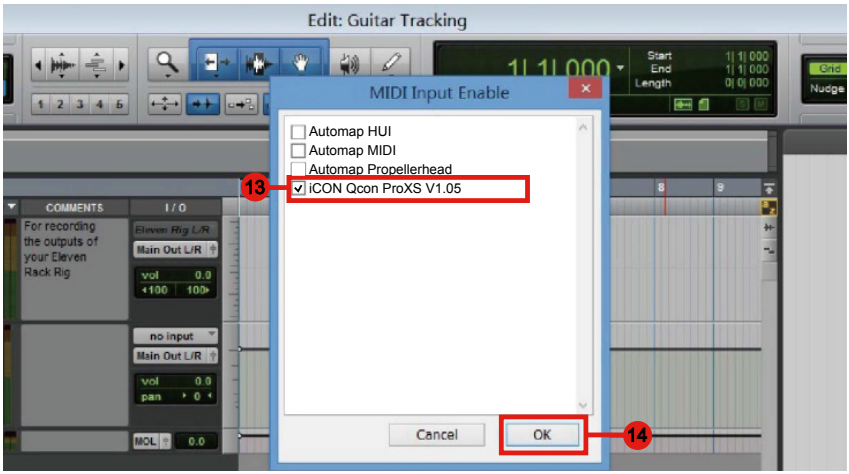

1
Pro Tools
File Edit View Track Clip Event AudioSuite Options Setup Window Marketplace Help
Hardware...
Playback Engine...
Disk Allocation...
2
Peripherals...
I/O...


3
Peripherals
Synchronization
Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
VENUE
4
Type
5
Receive From
Send To
Ch's
#1
HUI
none
8
#2
none
Predefined
iCON Qcon ProXS V1.05
#3
none
6


7
Type
Receive From
Send To
Ch's
#1
HUI
iCON Qcon P
none
#2
none
Predefined
#3
none
#4
none
Automap HUI
Automap MIDI
Automap Propellerhead
8
iCON Qcon ProXS V1.05
Microsoft GS Wavetable Synth
Microsoft MIDI Mapper
CLIPS

Peripherals
Synchronization
Machine Control
MIDI Controllers
Ethernet Controllers
Mic Preamps
VENUE
Type
Receive From
Send To
Ch's
#1
HUI
iCON Qcon P
iCON Qcon P
8
9
#2
none


10
Pro Tools
File Edit View Track Clip Event AudioSuite Options Setup Window Marketplace Help
Hardware...
Playback Engine...
Disk Allocation...
Peripherals...
I/O...
Video Sync Offset...
Session Ctrl+2
Current Feet+Frames Position...
Current Timecode Position...
External Timecode Offset...
11
MIDI
Connect to...
Click/Countoff...
Preferences...
MIDI Studio...
MIDI Beat Clock...
Input Filter...
12
Input Devices...
Bars|Beats
COMMENTS
I/O
E. Guitar
Click


Edit: Guitar Tracking
MIDI Input Enable
Automap HUI
Automap MIDI
Automap Propellerhead
iCON Qcon ProXS V1.05
13
Cancel
OK
14
COMMENTS
I / O
For recording the outputs of your Eleven Rack Rig
Main Out L/R
no input
Start
End
Length
Nudge

Download the Mac iMap from your Personal User Page at www.iconproaudio.com

After you downloaded the file, please click it to start the installation process.

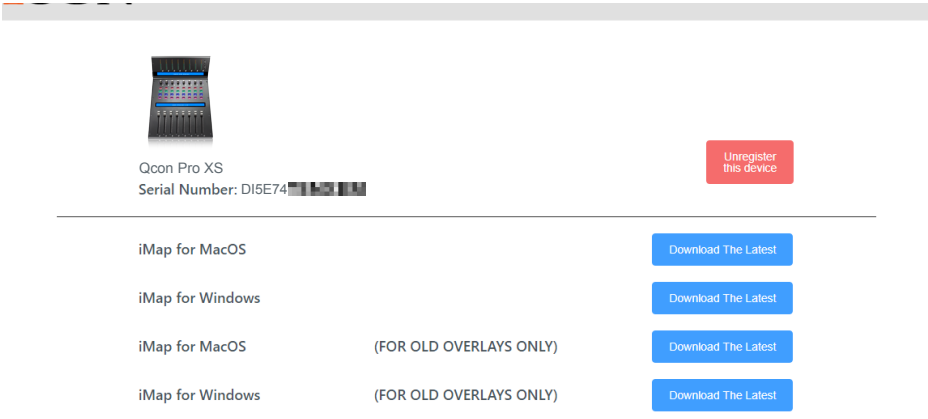


Diagram 1

1. iMap™ Software for Mac OS X

Please follow the procedures below step-by-step to launch your iMap™ software to Mac OS X.

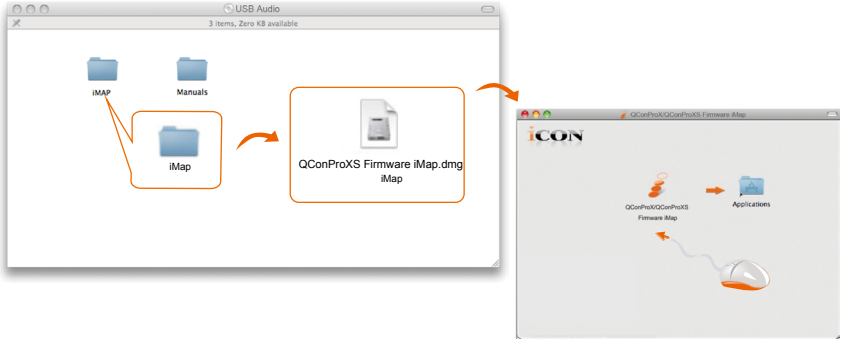


Diagram 2

Tips: *By "drag and drop" the "QconProXS" icon into the "Applications" folder, you could create a "iMap" shortcut on your Mac's desktop.*

Installing iMap™ Software for Windows

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

1. **Turn on your PC.**

2. **Download the Windows iMap from your Personal User Page at www.iconproaudio.com** .
   After you downloaded the file, please click it to start the installation

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

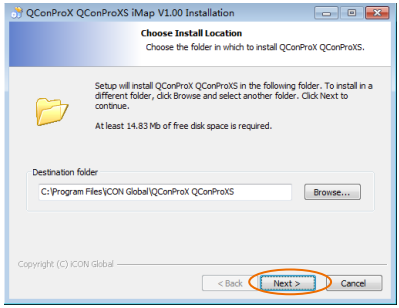


Diagram 3

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

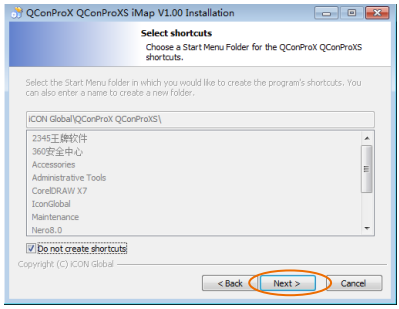


Diagram 4

5. Create a shortcut on your desktop

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

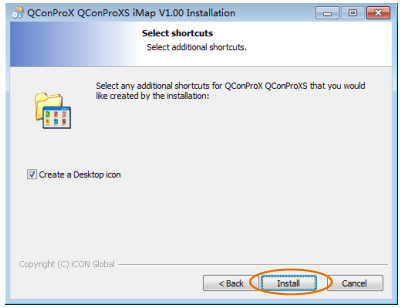


Diagram 5

6. iMap™ started to install

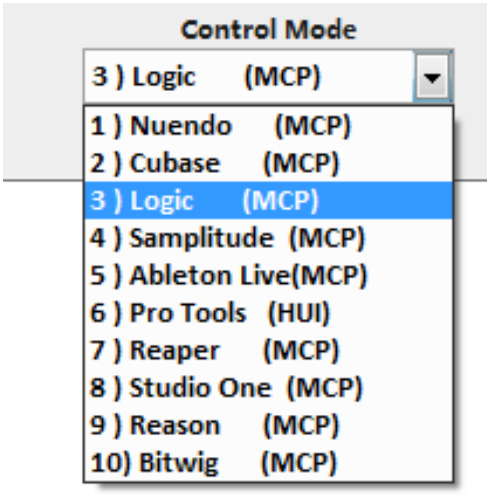
The iMap™ installation has now started, wait for it to finish. Then click “Finish”.

Diagram 6

7. Click the iMap logo on your desktop to launch the iMap software.

Diagram 7

Assigning DAW Mode (Mackie Control/HUI) or Defining MIDI Functions with iMap™

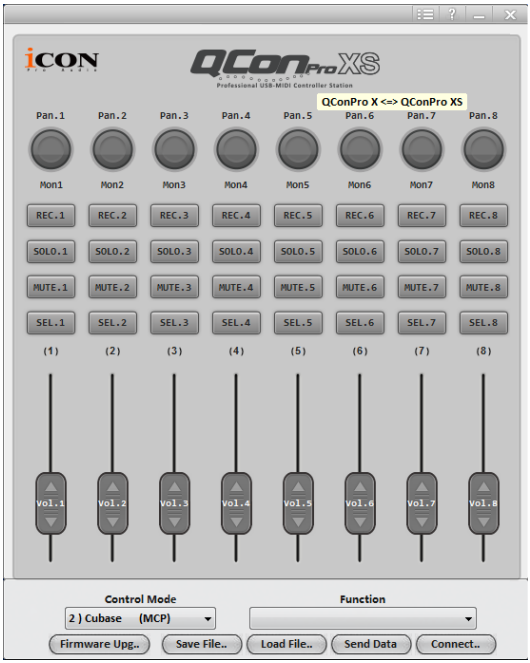


There are two different methods for setting up your QconProXS. In general, it is simpler and faster to set the device to pre-mapped DAW modes with Mackie Control/HUI protocol, depended on which DAW you use. The device has built-in DAW Mackie/HUI protocols as follows:

1. Nuendo (Mackie Control Protocol) – For Nuendo
2. Cubse (Mackie Control Protocol) – For Cubase
3. Logic (Mackie Control Protocol) – For Logic Pro X
4. Samplitude (Mackie Control Protocol) – For Samplitude Pro
5. Ableton Live (Mackie Control Protocol) – For Ableton Live
6. ProTools (HUI Control Protocol) – For Pro Tools
7. Reaper (Mackie Control Protocol) – For Reaper
8. Studio One (Mackie Control Protocol) – For Studio One
9. Reason (Mackie Control Protocol) – For Reason
10. Bitwig (Mackie Control Protocol) – For Bitwig

Or you can define each control element on your QconProXS with your own MIDI messages provided in iMap's function pull-down menu. However, unless you fully understand the MIDI structure of your DAW, this can be very troubling to set up. We strongly recommend that you use the pre-mapped DAW modes, as they are programmed according to the most popular user preferences, and are most likely to suit your needs.

Assigning DAW Mode (Mackie control/HUI) Using iMap™



iMap™ QconProXS software panel

***Tips:* You may also use the hardware to select DAW mode instead of through iMap. Please refer to P.19-20 for instructions.**

To begin DAW mode setup, connect your QconProXS with iMap. Follow the steps below:

1. **Connect QconProXS to your Mac/PC**
2. **Launch iMap and click "Connect Device"**

   Note: *If your QconProXS is not connected to your Mac/PC, the message "There are no MIDI input devices" will appear. Please connect QconProXS to your Mac/PC with the provided USB cable.*

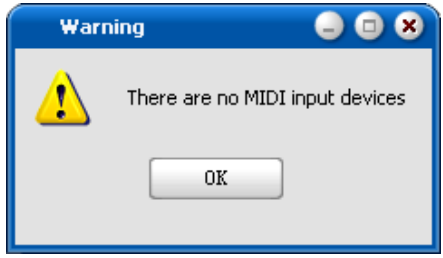
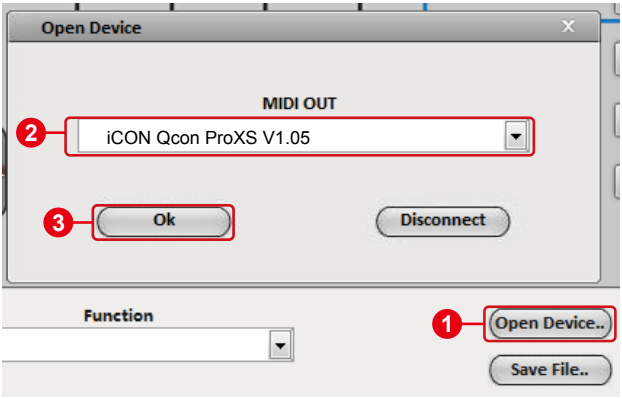
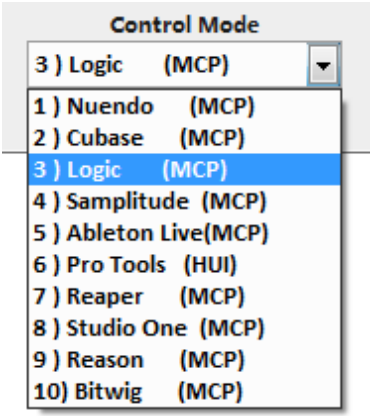


Diagram 8

3. **Select “QconProXS” from the pop-up menu as your MIDI out device.**



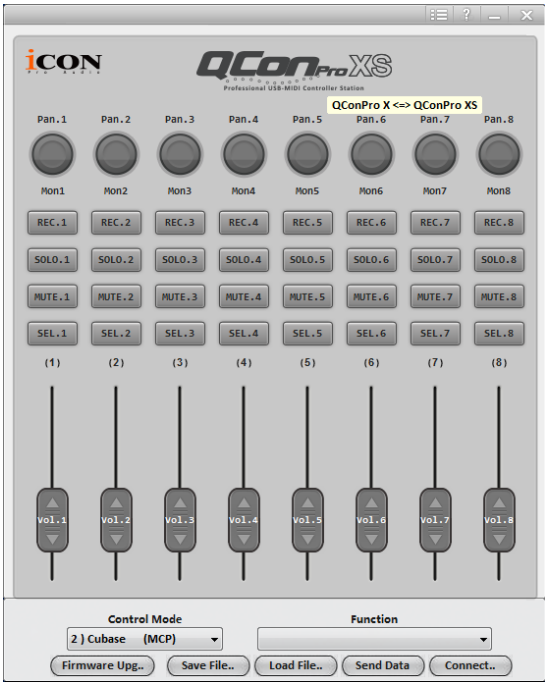
4. **According to your DAW, select the DAW Mackie/HUI protocol mode from the “Mode” pull-down menu. Different DAW modes are listed below:**
   1. Nuendo (Mackie Control Protocol) – For Nuendo
   2. Cubse (Mackie Control Protocol) – For Cubase
   3. Logic (Mackie Control Protocol) – For Logic Pro X
   4. Samplitude (Mackie Control Protocol) – For Samplitude Pro
   5. Ableton Live (Mackie Control Protocol) – For Ableton Live
   6. ProTools (HUI Control Protocol) – For Pro Tools
   7. Reaper (Mackie Control Protocol) – For Reaper
   8. Studio One (Mackie Control Protocol) – For Studio One
   9. Reason (Mackie Control Protocol) – For Reason
   10. Bitwig (Mackie Control Protocol) – For Bitwig



5. **After you have finished creating all settings, click “Send Data”.**

6. **Close iMap.**

Assigning MIDI Messages in User-Defined Mode Using iMap™



iMap™ QconProXS software panel

To begin the “User defines” mode setup, let make the connection of your QconProXS with iMap. Please follow the below steps:

1. **Connect QconProXS to your Mac/PC**

2. **Launch iMap and click “Connect Device”**

   Note: *If your QconProXS is not connected to your Mac/PC, the message “There are no MIDI input devices” will appear. Please connect QconProXS to your Mac/PC with the provided USB cable.*

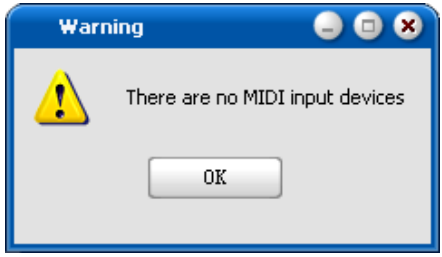
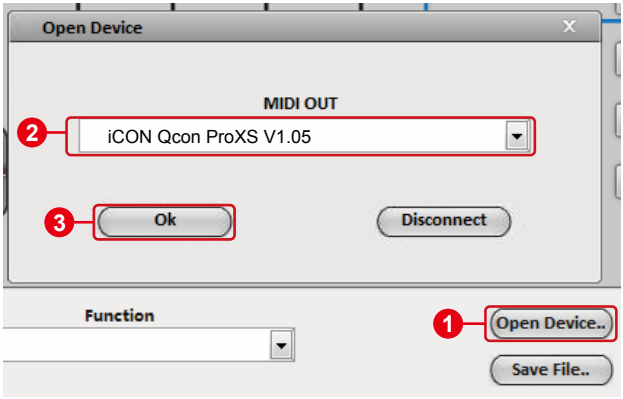
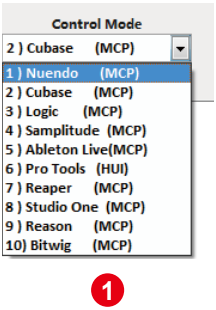


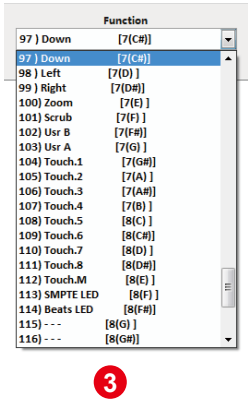
Diagram 9

3. **Select “QconProXS” from the pop-up menu as your MIDI out device.**



4. **1 Select the DAW mode for your intended DAW. 2 Then select the control elements such as buttons, knob (rotate/ enter), or faders that you would like to assign a new midi function. 3 After selecting a control element, select a function from the “Function” pull down menu. Please see below for each control element setting in User-Defined Mode.**



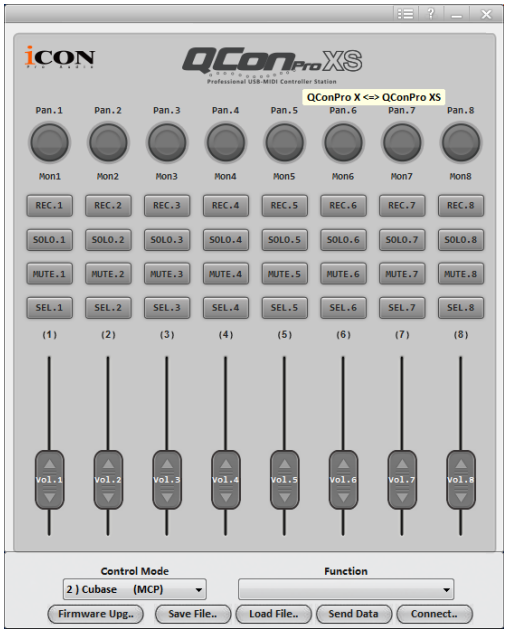


5. **After you have finished all setting, click “Send Date” button.**

6. **Close iMap.**

Control Element Setup in User-Defined Mode

iMap™ QconProXS software panel



There are controls including faders, knobs, buttons and jog wheel etc. on QconProXS that you could set your own MIDI messages. Four types of message including "Pitch", "Note" & "CC" value you may adjust depended on the control element. Please refer to the below table for different control available setting values.
Also, according to your using DAW, select the control protocol (MCP or HUI) in order to create the communication bridge between your QconProXS to the DAW. Please refer to below table for the suggested control protocol for different DAW.

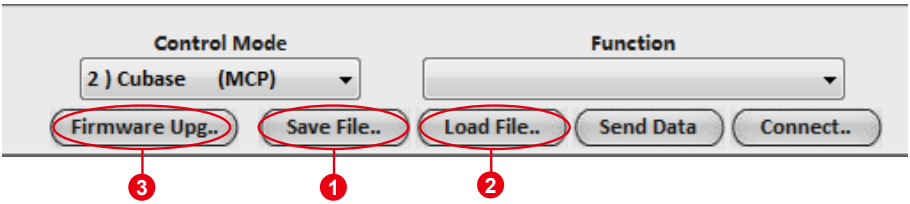
Table "Suggest protocol for different DAW"

Nuendo	MCP
Cubase	MCP
Logic Pro X	MCP
Samplitude Pro	MCP
Ableton Live	MCP
Pro Tools	HUI
Reaper	MCP
Studio One	MCP
Reason	MCP
Bitwig	MCP

Table “Control elements chart”

Control protocol	Control	Element	Avalaible MIDI message setting values		
			Message type	Channel	Message
MCP	Faders	Slide	Pitch	1-9	0-127
			CC		Bank MSB to Poly Mode On
		Touch sensitive	Note	-	C(-1) to G(9)
HUI		Slide	CC	-	0-9
		Touch sensitive	CC	-	0-100
MCP	Knobs	Rotate	CC	-	Bank MSB to Poly Mode On
		Enter	Note	-	C(-1) to G(9)
HUI		Rotate	CC	-	0-9
		Enter	CC	-	0-100
MCP	Buttons	All buttons except "Lock", "<<",">>","DAW"button	Note	-	C(-1) to G(9)
HUI		All buttons except "Read", "Write", "Touch", "Latch","Trim", "Off","Plug-in"	CC	-	0-100

Other Functions in iMap™



1. “Save file” button

Click this button to save your current settings for the QconProXS. The file is an “. QconProXS” file.

2. “Load file” button

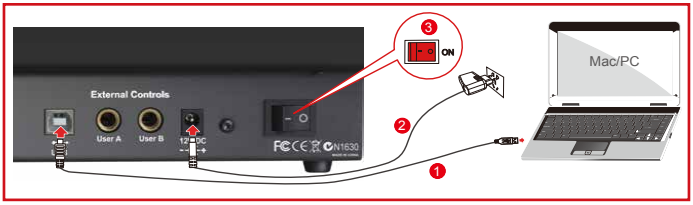
Click this button to load a previously saved “. QconProXS” setting file for your QconProXS.

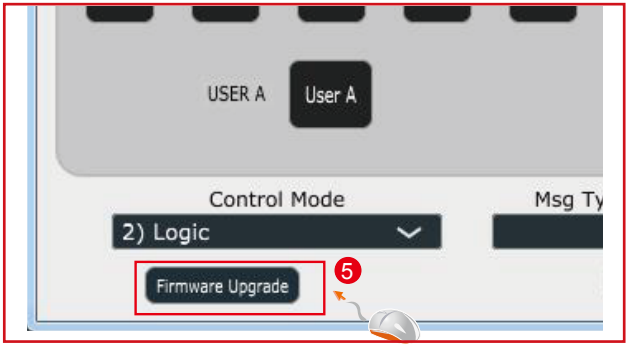
3. “Firmware Upgrade” button

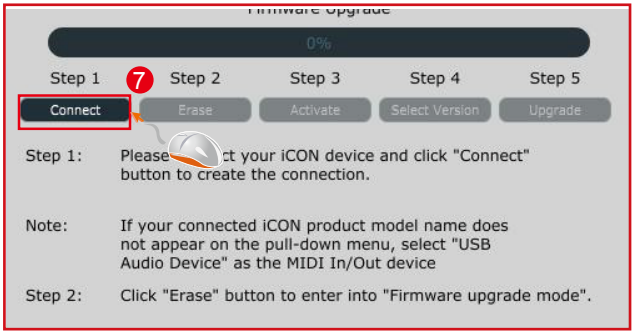
Click this button to enter into the firmware upgrade window for QconProXS. Please refer to P.43 for the firmware upgrade procedure.

Firmware upgrade

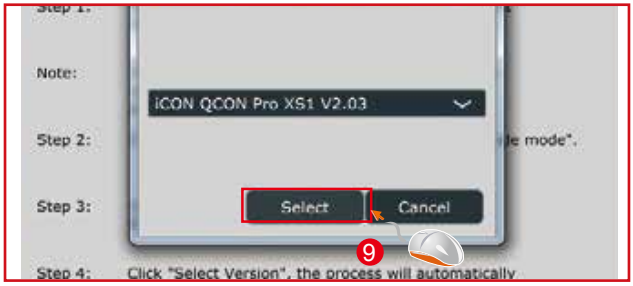
QconProXS functional firmware upload procedure

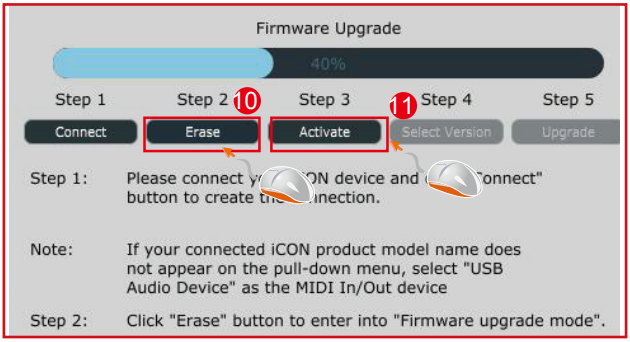


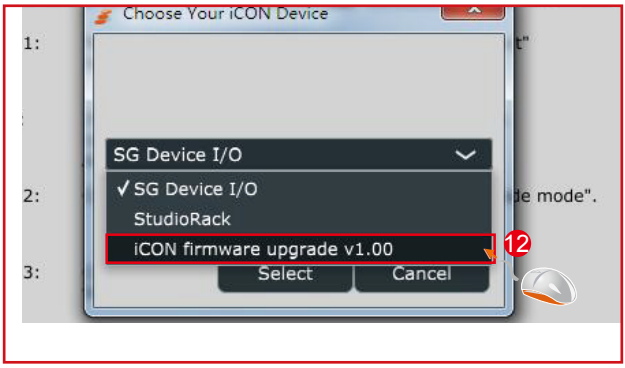




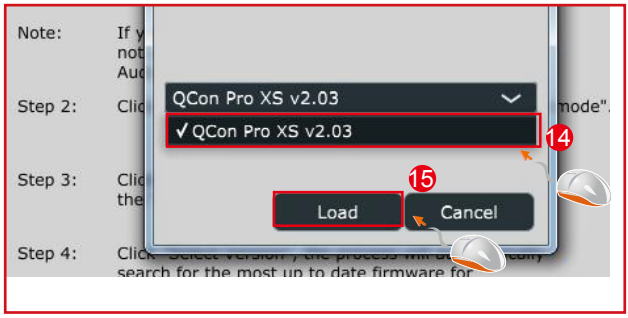
Connect
Choose Your iCON Device
Step 1:
Note:
Step 2:
Step 3:
SG Device I/O
✓SG Device I/O
StudioRack
iCON QCON Pro XS1 V2.03
Select
Cancel
8

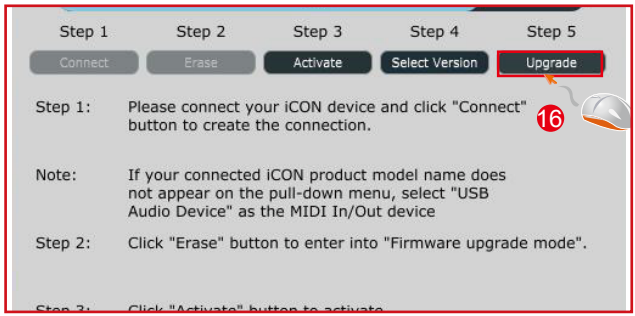

Note:
Step 2:
Step 3:
Step 4:
iCON QCON Pro XS1 V2.03
Select
Cancel
9
Click "Select Version", the process will automatically

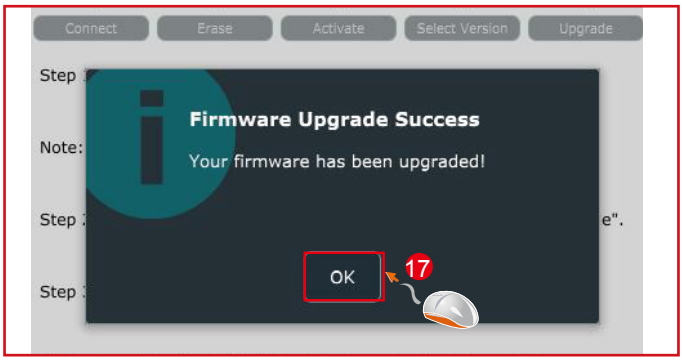

Firmware Upgrade
40%
Step 1
Step 2
Step 3
Step 4
Step 5
Connect
Erase
Activate
Select Version
Upgrade
10
11
Step 1:
Note:
Step 2:
If your connected iCON product model name does not appear on the pull-down menu, select "USB Audio Device" as the MIDI In/Out device
Click "Erase" button to enter into "Firmware upgrade mode".


Choose Your iCON Device
SG Device I/O
✓SG Device I/O
StudioRack
iCON firmware upgrade v1.00
Select
Cancel
12

Choose Your iCON Device
iCON firmware upgrade v1.00
Select
Cancel
13


QCon Pro XS v2.03
✓ QCon Pro XS v2.03
14
15
Load
Cancel


Step 1
Step 2
Step 3
Step 4
Step 5
Connect
Erase
Activate
Select Version
Upgrade
16
Step 1: Please connect your iCON device and click "Connect" button to create the connection.
Note: If your connected iCON product model name does not appear on the pull-down menu, select "USB Audio Device" as the MIDI In/Out device
Step 2: Click "Erase" button to enter into "Firmware upgrade mode".


Connect
Erase
Activate
Select Version
Upgrade
Firmware Upgrade Success
Your firmware has been upgraded!
OK
17

Restore the factory default settings

To restore your QconProXS settings to factory default, simply launch iMap and import the original settings (i.e. without making any changes) to the device through the following steps.

1. Connect QconProXS with the provided USB cable and launch iMap software.

2. Click the “MIDI Device” button and select “QconProXS” as the MIDI input and output device.
   Note: *If QconProXS does not appear on the pull down menu, select USB audio as the MIDI I/O device.*

3. Click “Send Data” to upload the setting to your QconProXS.

4. Close iMap, and then turn the QconProXS power of off & on again.

Specifications

Connector:	To computer	USB connector (standard type)
Power supply:		12V/2.5A DC
Current consumption:		2A or less
Weight:		4.09kg (9.02lb)
Dimensions:		309(L) x 416(W) x 188(H)mm
		12.17”(L) x 16.38”(W) x 7.4”(H)

Services

If your QconProXS needs servicing, follow these instructions.

Check our online help centre at **http://support.iconproaudio.com/hc/en-us**, for information, knowledge, and downloads such as:
1. FAQ
2. Download
3. Learn More
4. Forum

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/hc/en-us** and then sign in to submit a ticket.
As soon as you have submitted an inquiry ticket, our support team will assist you to resolve the problem with your ICON ProAudio 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 US
   Send the product to:
   North America
   Mixware, LLC – U.S. Distributor
   11070 Fleetwood Street – Unit F.
   Sun Valley, CA 91352; USA
   Tel.: (818) 578 4030
   Contact: www.mixware.net/help

   If you are located in Hong Kong
   Send 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.

   If you are located in Europe
   Send the product to:
   Sound Service
   GmbHEuropean
   HeadquarterMoriz-Seeler-Straße
   3D-12489 Berlin
   Telephone: +49 (0)30 707 130-0
   Fax: +49 (0)30 707 130-189
   E-Mail: info@sound-service.eu

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

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