iCON
Pro Audio

CUBE·2nano
DYNA

USB2.0 High-Speed

1 Mic-In / 1 Instrument-In, 2 Out professional recording USB interface with smart phone connectivity for live streaming application

DER GRÜNE PUNKT CE FC ⊠ N1630

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVIDEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED PERSONNEL

ATTENTION: POUR EVITER LES RISQUES DE CHOC
ELECTRIQUE: NE PAS ENLEVER LE COUVERCLE. AUCUN
ENTRETIEN DE PIECES INTERIEURES PAR L'USAGER.CONFIER
L'ENTERETIEN AU PERSONNEL QUALIFIE.
AVIS: POUR EVITER LES RISQUES D'INCENDIE OU
D'ELECTROCUTION, N EXPOSEZ PAS CET ARTICLE
A LA PLUIE OU A L'HUMIDITE

The lightning flash with arrowhead symbol within an equilateral triangle.is intended to.alert the user to the presence of uninsulated dangerous voltage within the product s enclosure, that may be of sufficient magnitude to electric shock to persons. Le symbol.clair avec point de fl che l int·rieur d un triangle quilat ral est utilis pour alerter l utilisateur de la pr sence l int rieur du coffret de vottage dangereux non isol d ampleur suff

exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (serviving) instructions in the literature accompanying the appliance. Le point d exclamation l int rieur d un triangle quilat ral est employ pour alerter les utilisateurs de la prseαce d instructions importantes pour le fonctionnement et l entretien (service) dans le livret d instruction accmpangant l appari l.

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

Contents

Introduction

Firstly, congratulations on your purchase of the ICON Pro Audio Cube2Nano Dyna digital audio Interface! In these pages, you'll find a detailed description of the features of the Cube2Nano Dyna digital audio Interface, as well as a guided tour through its front and rear panels, step-by-step instructions for their setup and use and a full list of specifications. As you read through the ma- nual, you will spot orange boxes - these denote actions for you to complete which will help you get underway.

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 Cube2Nano Dyna digital audio interfacewill 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?

- Cube2Nano Dyna USB Recording Interface
- Quick Start Guide x 1
- USB 2.0 cable (Type C) x 1
- 3.5mm TRS audio cable x 1

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

The ICON ProAudio Cube2Nano Dyna USB recording interface provides an audio input and output module as well as analog & digital connectivity with any smart mobile devices for live streaming applications. Main features include:

- 24-Bit 192KHz 1 mic-In/1 inst-In, 2-Out USB Recording Interface
- Hi-end studio grade DAC/ADC provides super high dynamic range
     Dynamic Range: 127dB
- Supporting Mac/PC connectivity operating simultaneously with SmartDevice
- Live session possible with audio signal processing via ProDriver4 virtual plug-in rack
- 2x2 analog I/O full duplex recording and playback
- Compatible with iOS and Android Digital I/O jack (Type C) & Analog I/O jack (3.5mm stereo TRRS)
- For direct connection with smartphone, tablet or other device
- Mic/Instrument preamps with individual gain control and phantom power switch
- 2 analog outputs on 1/4" TS jacks or stereo output on 3.5mm phone connector
- Smart phone input level control on the top panel
- Direct monitor button control on the top panel
- 1 headphone output with assignable source and individual volume control
- Flexible channel routing via the ProDriver4 software control panel
- ICON ProAudio developed ultra low latency ProDriver4™driver is provided
- ICON ProAudio innovative and user friendly plug-in hosting rack software is built-in with ProDriver4™ (Windows and Mac)
- USB2.0 High Speed equipped and USB bus-powered
- ARM-M7/500MHz processing power and technology for super fast and stable signal processing
- Supports Direct Sound, WDM and ASIO2.0
- LoopBack function is equipped with ProDriver 4™ for both Mac and Windows platforms
- Compatible with mac OS (M1/ Intel/ Mac) 10.11 and later, iOS 9 or above, Andriod and Windows 7, 8 & 10 (32-bit/64-bit)
- Full duplex, simultaneous record/playback

- +5VDC power supply connector is equipped for external power supply when using with iOS
- Rugged aluminum construction
- Bitwig 8Track included
- Dotec audio plugins included

Front Panel

1. **3-pin XLR (Balanced) – For condenser microphone with +48V phantom power or dynamic microphone.**
   Please refer to P.36 for the connection method of different types of microphones and instruments.

   1/4" TS (Unbalanced) – For dynamic microphone
   Please refer to P.36 for the connection method of different types of microphones.

2. **48V phantom power switch**
   Press to supply +48V phantom power to the associated XLR input. This phantom power circuit is suitable for most condenser microphones.

3. **Input gain level control (Microphone)**
   This potentiometer controls the input level of the analog microphone input.

4. **Input gain level control (Guitar)**
   This potentiometer controls the input level of the instrument input.

5. **Headphone level control**
   This potentiometer controls the output level of the headphone output.

6. **Headphone output**
   This output jack accepts a standard 1/4″ stereo TS headphone connector.

7. **Mon (Monitor – Control smart phone & PC monitoring signal)**
   Switch between monitoring smart device with PC signal or only PC's signal

Rear Panel

1. USB 2.0 connector (Type C)
Connect it with the provided USB cable Type C to your Mac/PC or your iOS device camera kit's USB connector. Your Mac/PC must have a USB2.0 connector in order to run the full speed of Cube2Nano Dyna .

2. HI-Z input
This is a high impedance input for guitar/bass.

3. Line outputs L/R
These are unbalanced analog outputs on standard 1/4″ TS connectors at +6dBU line level.

4. Stereo output L/R
This is an unbalanced analog output on a standard 3.5mm stereo connector.

(Note: Master level control will only adjust the output level of both the Line output L/R and the 3.5mm stereo output.)

5. Smart Device I/O (Digital - Type C & Analog - 3.5mm TRRS)
These ports allow you to connect your smart device and your Mac/PC simultaneously so you may process the audio signal wih your Mac/PC before delivering signal to the smart device for live streaming application.

> Digital - Type C jack for connecting directly to the digital jack of the smart device (OTG adapter required)
> Analog - TRRS stereo jack for connecting directly to smart device's audio I/O

6. Power supply connector (USB Type C)
Cube2Nano Dyna is USB-bus powered. If your computer does not supply sufficient power, connect an ICON 5VDC power supply adapter to this jack. Or you may try to use your smart phone power adapter with the correct cable type (USB Type C). Normally it should work and provide enough power to the device.

(Note: You can get the power adapter from ICON distributors/dealers near you)

(Note: External power adapter is needed if the Cube2Nano Dyna is us as a standalone unit without a Mac or PC)

Top Panel

1. Direct Monitor button

Press to monitor the input signal (i.e. microphone or instrument) through your headphones. Pressing In will allow for Direct monitoring of signal whick mean signal without computer processing.

2. Smart Phone Input Level Control

Adjust to control the audio input level to the smart phone.

3. Master Level Control

Master level control will only adjust the output level of both the Line output 1/2 and the 3.5mm stereo output.

Mac driver installation

Cube2Nano Dyna is a class compliant device. Thus there is no driver installation needed for Mac. Also, it fully supports iOS devices by connecting the unit to a camera kit.

Install ProDriver 4 with LoopBack function

1. **Download ProDriver 4 (Mac) from your "Personal User Portal" page for your audio intetface.**
   (Please refer to P.5 "register your ICON ProAudio product to your personal account" for creating your persoanl user portal)

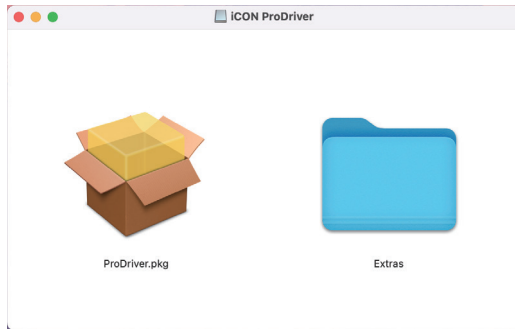2. **Double click the file "ProDriver-OSX-xxx.dmg" that you just downloaded from your Persoanl User Portal**

Diagram 1

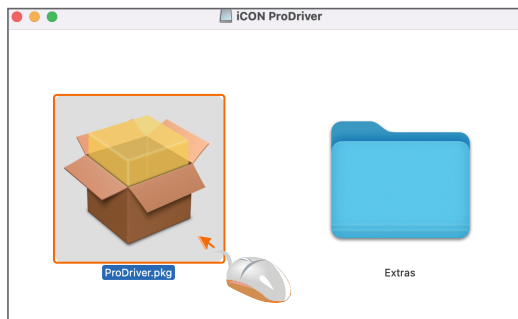3. **Double click "ProDriver.pkg" to start the ProDriver installation**
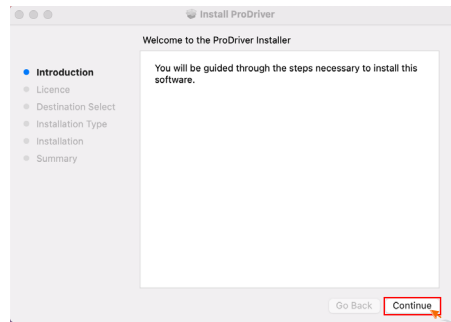

Diagram 2

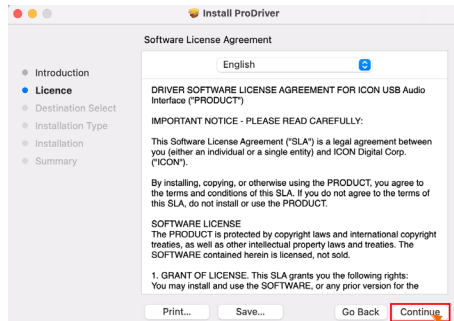**4. Click "Continue"**

Diagram 3

5. Click "Continue"

Diagram 4

6. Click "Read License" to read the lincense terms or click "Agree" to start the installation
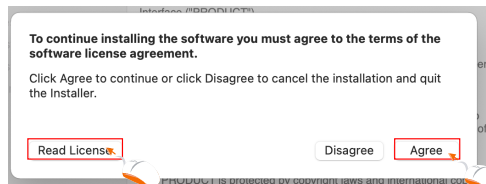

Diagram 5

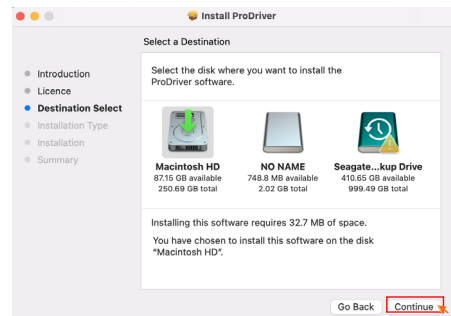**7. Select the disk where you would like ProDriver to be installed and then click "Continue"**
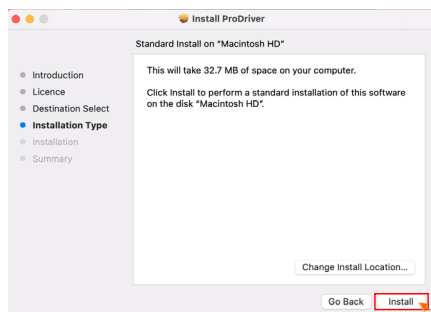

Diagram 6

8. Click "Install"

Diagram 7

9. Input your password or tap your finger print to start the installation.

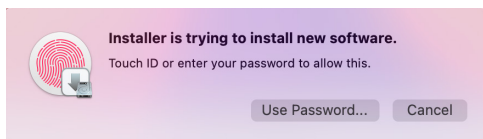
Diagram 8

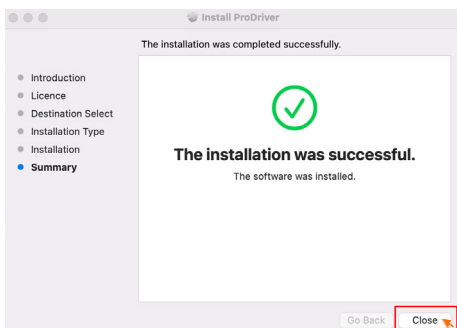**10. Installtion started and click "Close" after it has completed.**

Diagram 9

11. Please connect your audio interface at this state to you Mac and then click the ICON logo as shown.

Diagram 10

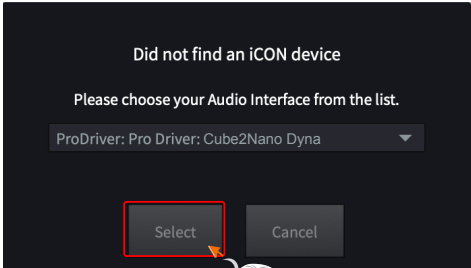**12.** **Select your audio interface model from the list and click "Select"**

Did not find an iCON device

Please choose your Audio Interface from the list.

ProDriver: Pro Driver: Cube2Nano Dyna ▼

Select   Cancel

Diagram 11

13. **Click "OK" to allow ProDriver to access the microphones.**

?

"ProDriver" would like to access the microphone.

This app requires audio input. If you do not have an audio interface connected it will use the built-in microphone.
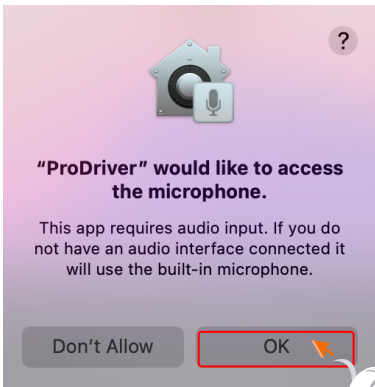
Don't Allow   OK

Diagram 12

14. **ProDriver activate logo will appear on your desktop and click it to launch the ProDriver control panel.**

M

ProDriver4

V

Diagram 13

15. **Audio MIDI setup**

Open the "Audio MIDI setup" window and confirm that the Cube2Nano Dyna device has been setup properly as shown in diagram 14.

Audio Devices

Built-in Output
0 ins / 2 outs
Cube2Nano Dyna (Bit Accurate)
2 ins / 2 outs
Cube2Nano Dyna (Core Audio)
2 ins / 2 outs

Cube2Nano Dyna (Core Audio)
Clock Source: Default

Input Output

Source: Cube2Nano Dyna: Output

Configure device...
Configure speakers...
Use this device for sound input
Use this device for sound output
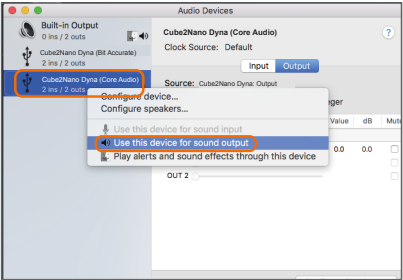Play alerts and sound effects through this device

OUT 2

Diagram 14

14

Mixer control panel(Mac)

The mixers work like a matrix mixer. Activate and adjust the corresponding input or output channel level. They are very useful and make your inputs and outputs very flexible. You may route any of your input(s) to any output(s).

Diagram 15

1. **HW In 1/2 level metering**
   Shows the hardware 1/2 input level. (HW In 1/2).

2. **HW Out 1/2 level metering**
   Shows the hardware 1/2 output level.(HW Out 1/2).

3. **LoopBack In 1-8 level metering**
   Show the LoopBack 1/2, 3/4, 5/6 & 7/8 input level

4. **LoopBack Out 1-8 level metering**
   Show the LoopBack 1/2, 3/4, 5/6 & 7/8 output level

5. **Link switch**
   Switch to adjust both channels' levels simultaneously.

6. **Mute switch**
   Switch to mute the corresponding channel.

7. **"0dB" switch**
   Switch to instantly adjust the corresponding channel to "0dB" level.

8. **Gain control fader**
   Slide to adjust the gain level for the corresponding channel.

9. **Inputs & Outputs Matrix switches**
   Switch to turn On/Off the corresponding input channel route to the corresponding output channel. Remember you may route any input(s) to any output(s).

10. **Mixer Presets**
    6 Mixer-Presets button slots are available for saving or loading your routing channel settings.
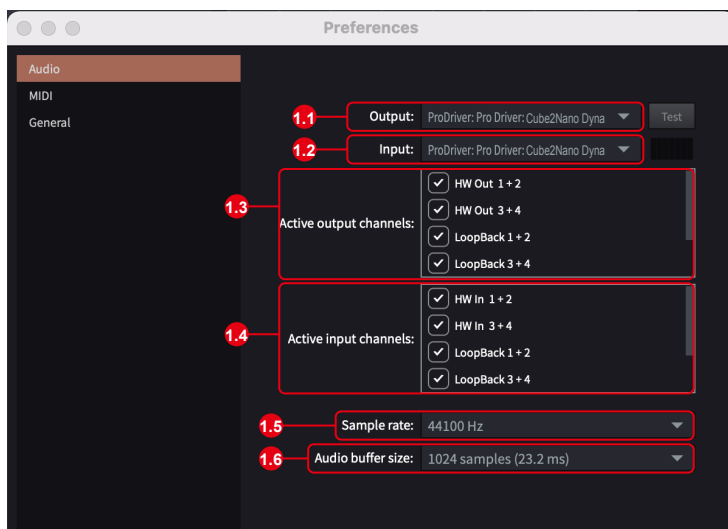
15

Diagram 16

11. Device Preferences
Click "Device" at the top menu bar to launch the "Preferences" window.

11.1 Output
Select your audio interface as your output device

11.2 Input
Select your audio interface as your input device

11.3 Active output channels
Showing you all the avaliable and active output channels for your audio interface

11.4 Active output channels
Showing you all the avaliable and active input channels for your audio interface

11.5 Sample rate
Select your desire sample rate from the list

11.6 Audio buffer size
Select your desire audio buffer size from the list

(Note: If a clicking sound occurs, you should change to a larger buffer size for the settings. If the largest buffer size has been selected and there is still a clicking sound. It means your computer performance is not able to handle the task. (It is not caused by Cube2Nano Dyna digital audio interface.)

Windows driver installation

Please follow the step-by-step procedures below to install your Cube2Nano Dyna USB recording interface and its driver.

1. Turn on your computer

Note: *Do not connect the Cube2Nano Dyna digital audio interface to your computer yet.*

2. Download the Windows driver from your "Personal User Page at www.iconproaudio.com" (Please refer to P.5 "register your ICON ProAudio product to your personal account" for creating your persoanl user portal)

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

Diagram 17

3. Installation Wizard appears

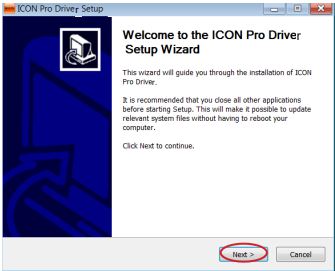Choose "Next" when you see the Welcome Screen shown in Diagram 18.

Diagram 18

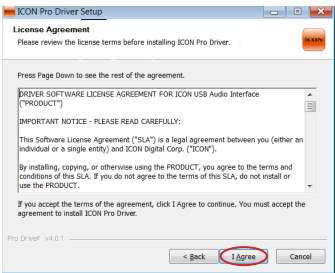**4. License Agreement**

Click "I Agree" to proceed.

Diagram 19

5. Select components for installation
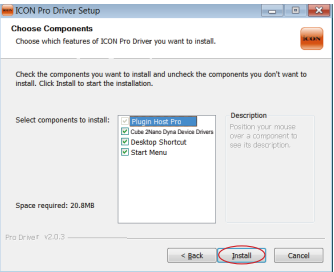Check mark the components that you would like to install. We strongly recommend that you select all components.

Diagram 20

6. Preparing installation files
Once the installation process has started, the process may take some time depending on your computer performance. Please be patient and wait for the process to finish.
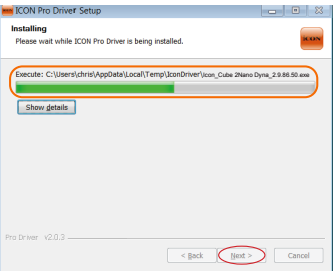

Diagram 21

7. Click "Install" to proceed.
Note: The same message will appear three times as there are three different driver installations.
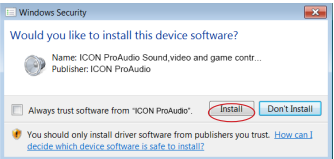

Diagram 22
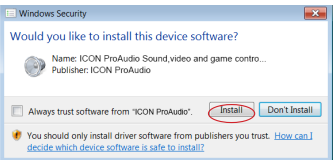
Diagram 23

Diagram 24

8. Setup completed
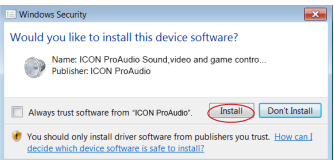
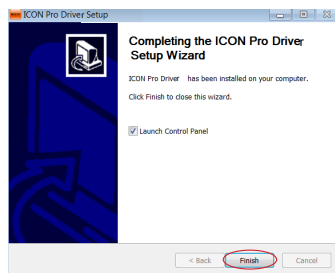A window as shown in Diagram 25 should appear. Choose "Finish".

Diagram 25

9. Launch the software control panel

You may click the ICON ProAudio logo on the system tray to launch the software control panel (Page 20).
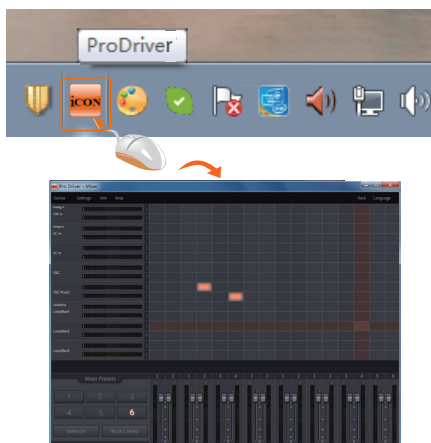

Diagram 26

10. Connect your Cube2Nano Dyna digital audio interface

Now connect the Cube2Nano Dyna digital audio interface to your computer's USB port.
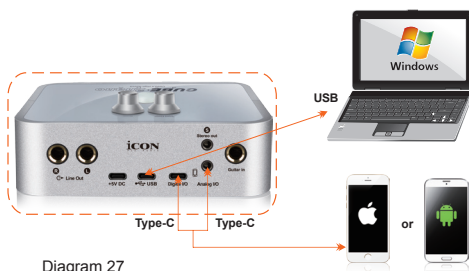
Diagram 27

ProDriver4
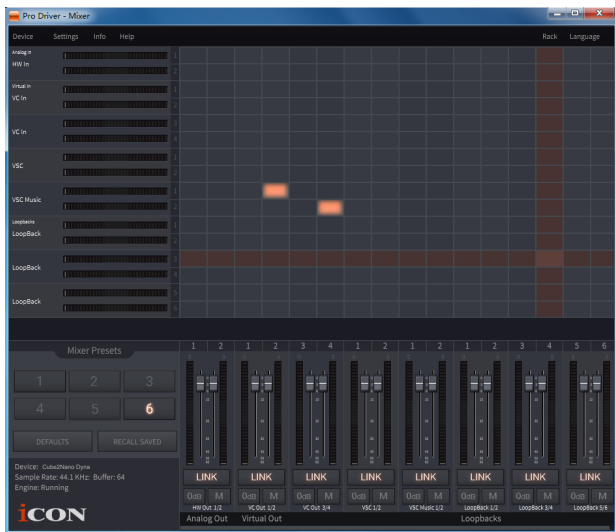
Diagram 28

Diagram 29

Introducing ProDriver4, the leading edge in audio innovation for stage, studio and streaming from ICON ProAudio. The ProDriver audio system supplys you with the most reliable tools for almost any audio application, in the moment, right when you need it. The heart of the system, is our driver, employing breakthrough technology and zero latency monitoring. The user interface makes it easy to grab, route and redirect audio from any source in your computer with our virtual signal router. Use the ProDriver Plugin Host to connect your favorite VST, Audio Units and Direct X plugins. Run ProDriver4 in standalone mode or with your favorite DAW. Save your favorite plugin chains as presets and recall them during your session or live on stage in real time.

Mixer control panel(Windows)

There are two different audio drivers including "WDM" (Windows Driver Model) and "ASIO" (Audio Stream Input and Output) within the ICON ProAudio audio interface driver. WDM are widely used for daily software such as media player and ASIO is mainly being used for most of the recording software such as LogicPro. The advantage of ASIO is that it has much lower latency than WDM and this is very important when you are doing recording with load of plugins. Actually, most of the daily software does not support ASIO driver and using WDM only, in that case you just simply need to use the HW channel (Hardware channels). Below please find some explanations on the different terminology for each channel type.

1. HW IN (Hardware Channel IN)
This mean the hardware input channels including the microphones or internment input channels

2. HW Out (Hardware Channel OUT)
This mean the hardware output channels including the headphone or line out output channels

3. VC Out (Virtual Channel OUT)
This only exists on ASIO driver and it is a virtual channel that its output signal go to ASIO VC IN

4. VC Out (Virtual Channel IN)
This only exists on ASIO driver and it is a virtual channel that its input signal is coming from ASIO VC Out

5. LoopBack (LoopBack Channel)
ASIO internal loopback channel (e.g. ASIO VC Out signal go to ASIO VC IN)

On the mixer control panel, there are four different types of ASIO channels that you can manipulate.

1. Cube2Nano Dyna Hardware channels (HW In 1/2 & HW Out 1/2)
These are the hardware input and output channels on Cube2Nano Dyna .

2. Cube2Nano Dyna Virtual channels (VC In 1/2, 3/4 and 5/6), (VC Out 1/2, 3/4 and 5/6)
These are the input and output virtual channels that related to the WDM.
For example: WDM Out 1/2 linked to VC In1/2
              VC Out1/2 linked to WDM In1/2

3. Cube2Nano Dyna Loopback channels (LB 1/2, 3/4 and 5/6)
These are the ASIO loop-back channels.
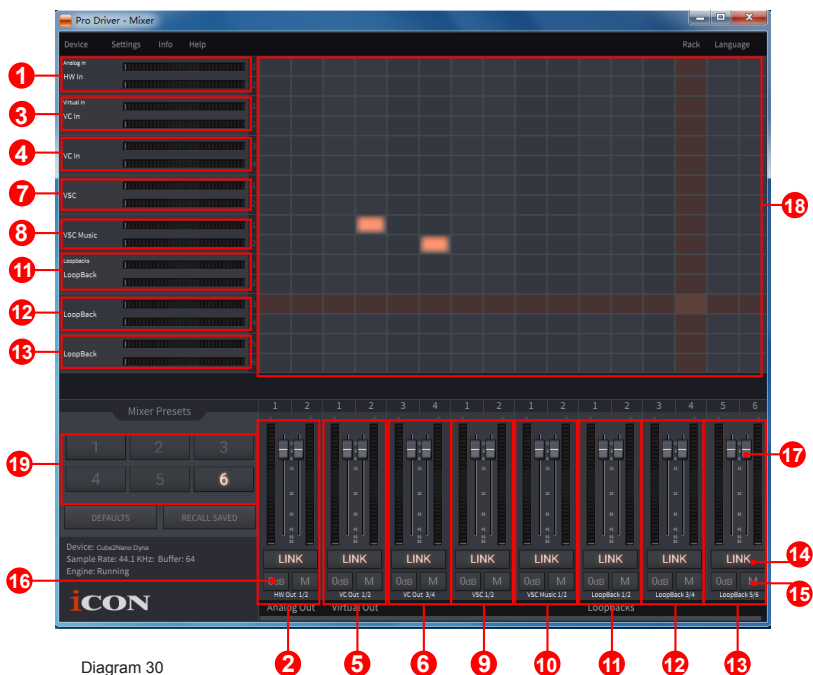
Diagram 30

By activating different cross points, you may route the corresponding signal to your desired channels.

1. **HW Input 1/2 level metering**
   Showing the hardware 1/2 input level (HW In 1/2).

2. **HW Output 1/2 level metering**
   Showing the hardware 1/2 output level (HW Out 1/2).

3. **VC In 1/2 (Virtual) input level metering**
   Showing the WDM 1/2 output level (VC In 1/2).

4. **VC In 3/4 (Virtual) input level metering**
   Showing the WDM 3/4 output level (VC In 3/4).

5. **VC Out 1/2 (Virtual) output level metering**
   Showing the ASIO 1/2 VC output level (VC Out 1/2).

6. **VC Out 3/4 (Virtual) output level metering**
   Showing the ASIO 3/4 VC output level (VC Out 3/4).

7. **VSC In 1/2 (Virtual) input level metering**
   Showing the WDM 1/2 output level (VSC In 1/2).

8. VSC Music In 1/2 (Virtual) input level metering
Showing the WDM 1/2 output level (VSC music In 1/2).

9. VSC Out 1/2 (Virtual) output level metering
Showing the ASIO 1/2 VC output level (VSC Out 1/2).

10. VSC Music Out 1/2 (Virtual) output level metering
Showing the ASIO 1/2 VC output level (VSC music Out 1/2).

11. Loopback 1/2
Showing the ASIO loop-back 1/2 channel's level metering.

12. Loopback 3/4
Showing the ASIO loop-back 3/4 channel's level metering.

13. Loopback 5/6
Showing the ASIO loop-back 5/6 channel's level metering.

14. Link switch
Switch to adjust both channels level simultaneously.

15. Mute switch
Switch to mute the corresponding channel.

16. "0dB" switch
Switch to instantly adjust the corresponding channel to "0dB" level.

17. Gain control fader
Slide to adjust the gain level for the corresponding channel.

18. Inputs & Outputs Matrix switches
Switch to turn On/Off the corresponding input channel route to the corresponding output channel. The matrix is very useful and makes your inputs and outputs very flexible. You may route any of your input(s) to any output(s).

19. Mixer Presets
6 Mixer-Presets button slots are available for saving or loading your routing channel settings.

Settings (Sample rate and latency settings)

Click the "Setting" button to launch the settings window.

Diagram 31

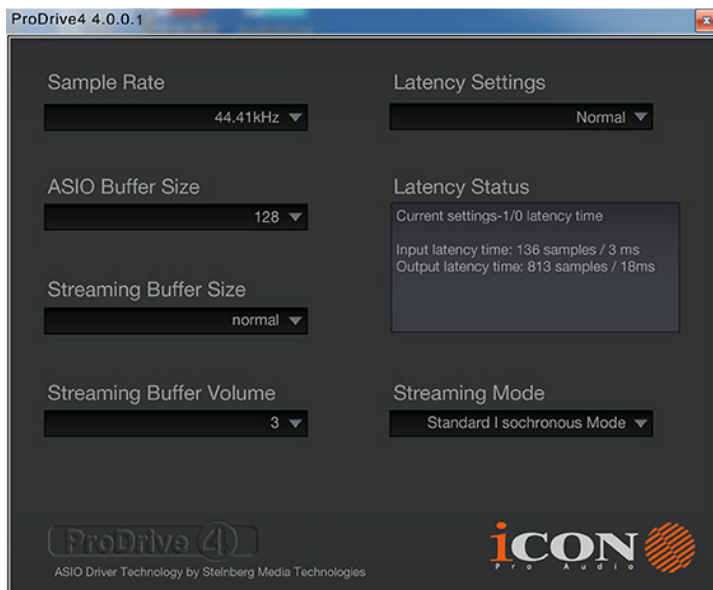## Sample rate setting

Select your desired sampling rate from 44.1KHz to 192KHz on the pull down window shown in Diagram 32.
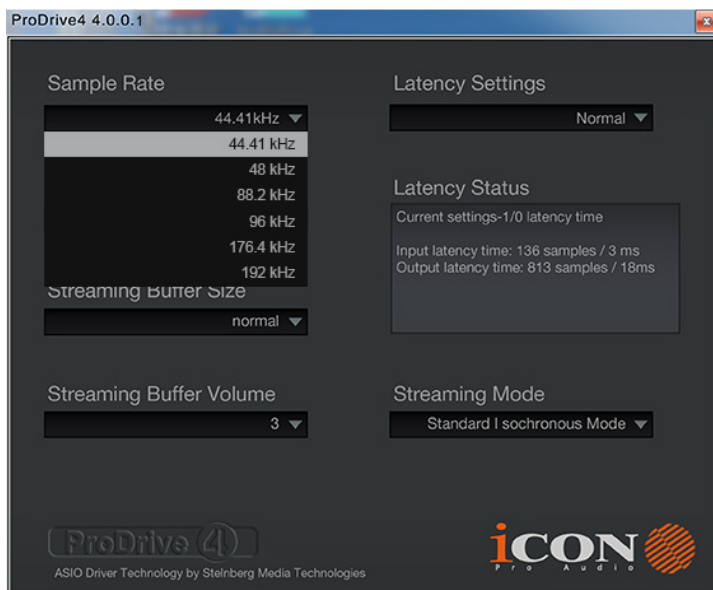
Diagram 32

Latency settings

There are six standard latency settings to select. If you would like to customize your own latency value, select custom.

- Safe (maximum latency)
- Extra Large
- Normal
- Small
- Very Small
- Minimum (minimum latency)
- Custom

Diagram 33

There are three different settings you can adjust to customize your own latency settings: These values include:

1. ASIO buffer Size

You may adjust the value ranging from 32/64/128/256/512/1024/2048 and 4096.
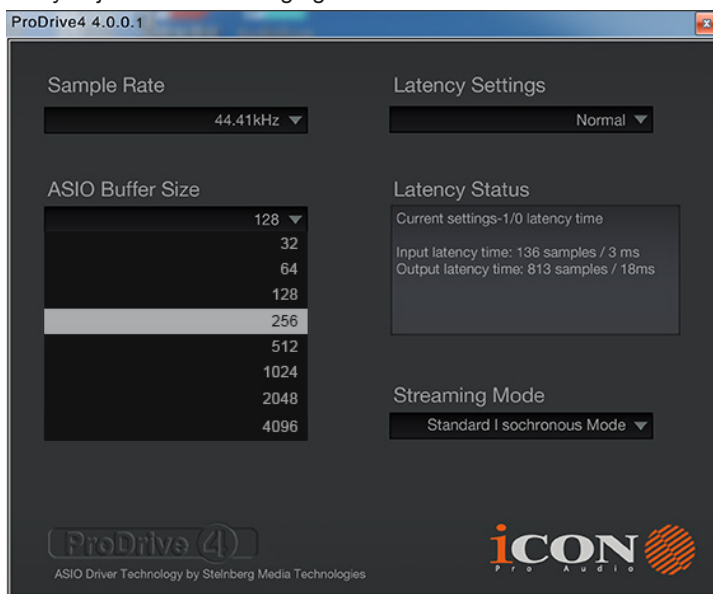
Diagram 34

2. Streaming buffer Size

Adjustable settings: Minimum/Low/Normal/High and Maximum.
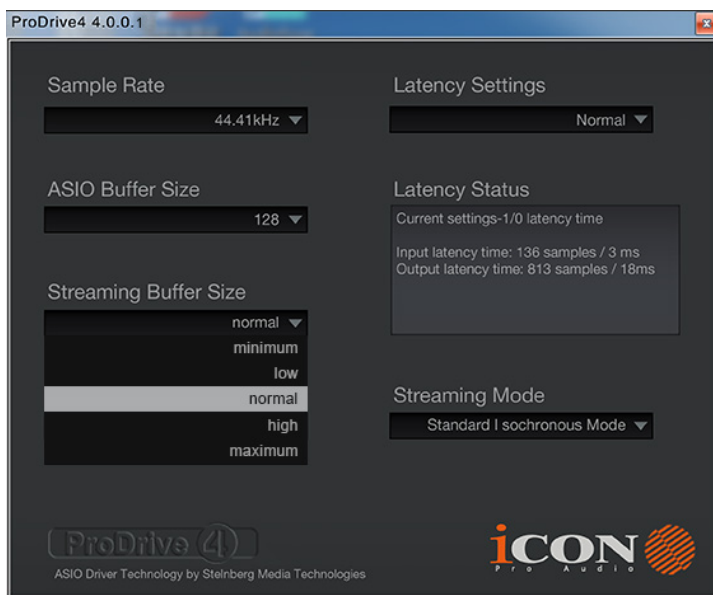
Diagram 35

3. Streaming buffer volume

Adjustable values: 2/3 and 4.
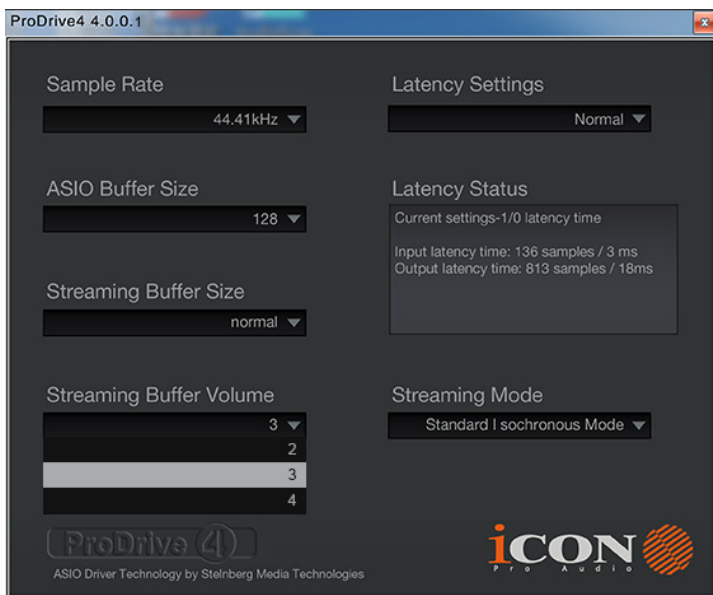
Diagram 36
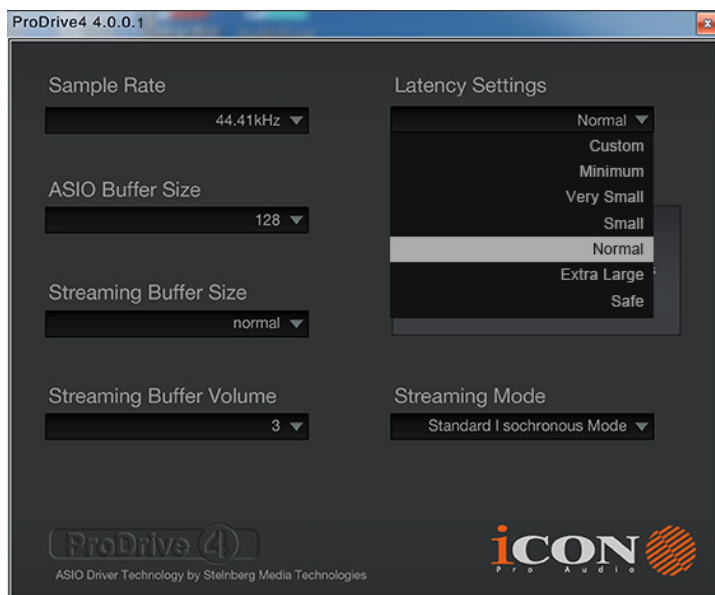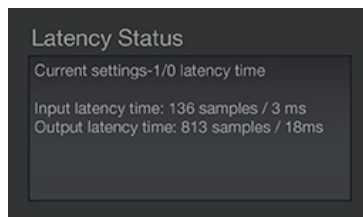

Diagram 37

(Note: If a warning message appears on the "Latency Status" windows, please select a larger latency setting.)

(Note: If a clicking sound occurs, you should change to a larger buffer size for the settings. If the largest buffer size has been selected and there is still a clicking sound. It means your computer performance is not able to handle the task. (It is not caused by Cube2Nano Dyna digital audio interface.)

ProDriver hosting rack (Mac/Windows)
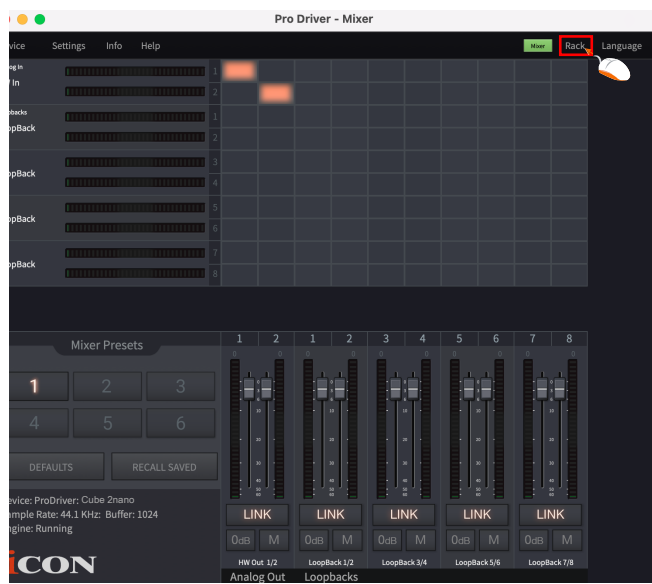
Diagram 38

With the ProDriver Rack, you can use any of your plug-ins with your DAW. Or you may use your device as a standalone plug-ins effectors without the need to run a DAW.

Click the "Rack" button on your ProDriver's mixer panel to launch the Virtual Rack window

Session & Preset

A session could contain unlimited presets. Each preset allow you to insert different plug-ins to create your desire sound effect or application need.
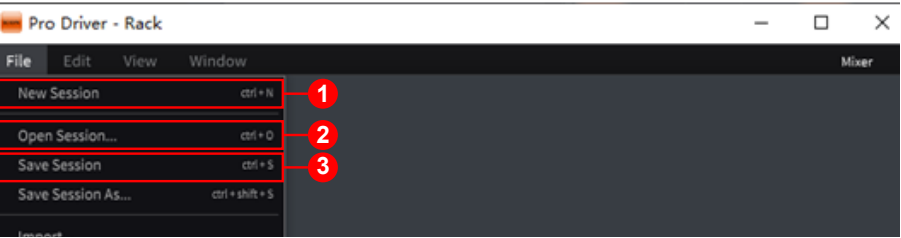
1、 Create a New Session

Click "New Session" under the "file" tab on the top menu bar. Then click "Save Session" and input file name.

2、 Open a saved Session

Click "Open Session" under the "File" tab on the top menu bar and select the saved session file to open the session.

3、 Save a Session

When you make any changes to your session, you may save it by clicking the "Save Session" function under the "File" tab on the top menu bar. Or if you would like to save as a new session, click "Save Session As" function and input a new session name.

Create a New Preset

Click "New Preset" function under the "Edit" tab on the top menu bar. A new preset slot will create.
Tip: To rename the preset, click the "Aa" button on the selected preset slot.
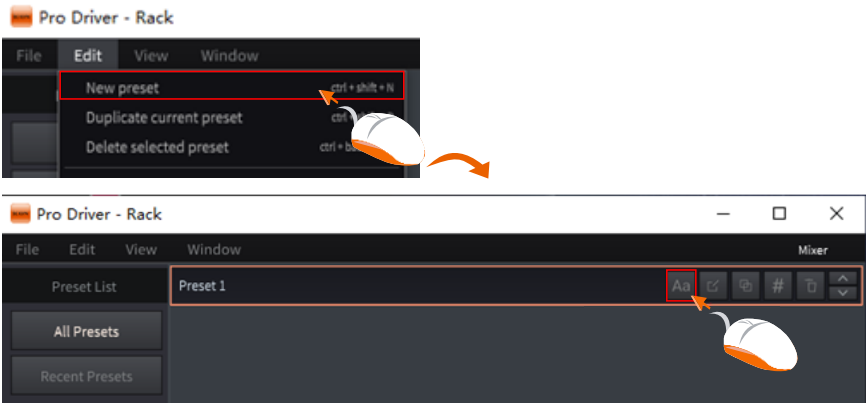
Duplicate Current Preset

Sometime you may like to make small changes to a current preset and compare the two. The function of "Duplicate Current Preset" will allow you to copy the current preset instantly. Then you may make changes as wish with one of the preset and make comparison between the two. Click "Duplicate Current Preset" function on the "Edit" tab on the top menu bar.

Tip: You may duplicate a selected preset by clicking the third button on the right on the selected preset slot.
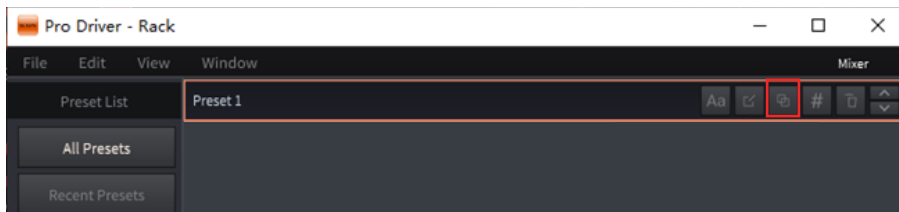
Delete a Preset

You may delete any preset. Select a preset and click "Delete selected preset" under the "Edit" tab on the top menu bar.

Tip: You may also delete a selected preset by clicking the "Trash" button on the selected preset slot.
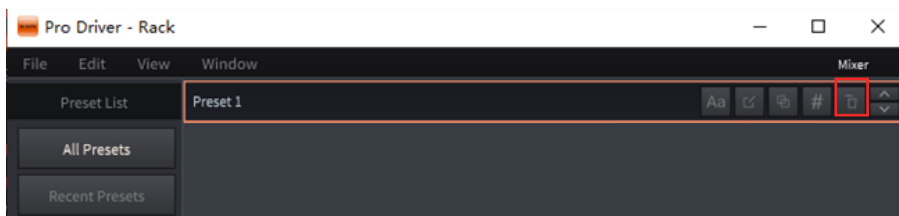
Grouping a Preset

There are four "Preset Categories" including "Vocal", "Special", "MC" and "Others" that allow you grouping all your current presets. This is very useful to manage your different presets according to different application such as singing (Vocal), broadcasting (MC) or Guitar (Special) etc. To set a selected preset to a particular category - Click the "#" button in the selected preset slot and click the category from the pull down menu.
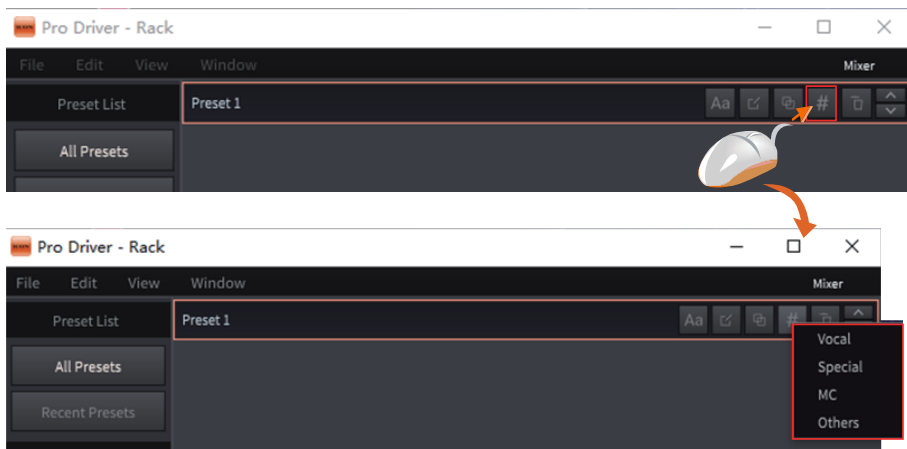
Diagram 43
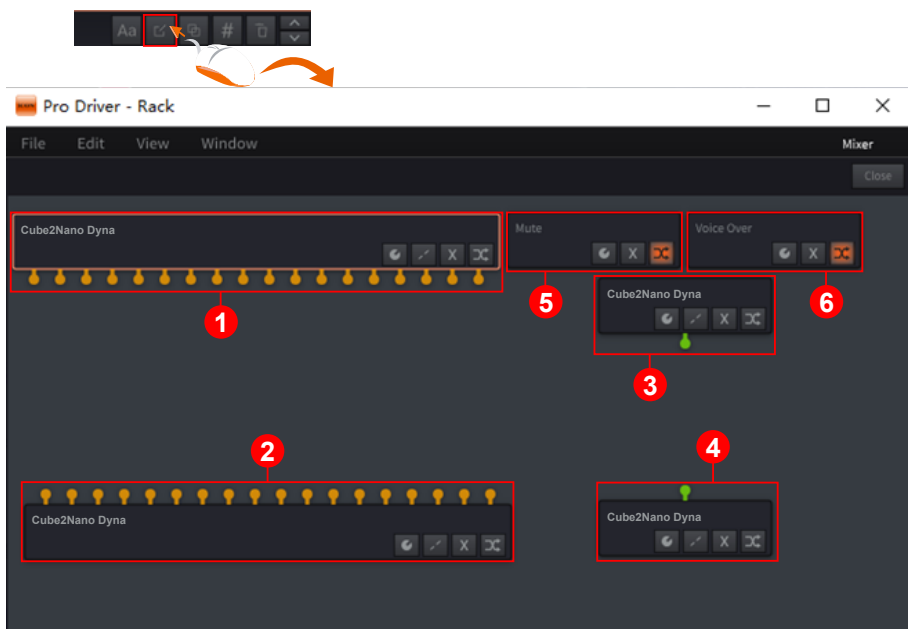
Diagram 44

Edit plug-in in a preset

Click the "Pencil & Paper" button on the selected preset slot will enter to the plug-in rack screen where you would see 6 different routing blocks.

1.   ProDriver Input routing block with orange connections

Depended on the number of I/O that your audio interface equipped, you will see a number of connections in orange, they are representing the input channels of the audio interface.

2.   ProDriver Output routing block with orange connections

Depended on the number of I/O that your audio interface equipped, you will see a number of connections in orange, they are representing the output channels of the audio interface.

3.   ProDriver MIDI Input routing block with green connection

Depended on if your audio interface has equipped with MIDI I/O, you will see a connection in green, it is representing the MIDI input channel of the audio interface.

4.   ProDriver MIDI Output routing block with green connection

Depended on if your audio interface has equipped with MIDI I/O, you will see a connection in green, it is representing the MIDI output channel of the audio interface.

5. Mute routing block

This is a routing block intended for the use of Mute function. Right click the block will show up the plug-in pull-down menu for all the available plug-in, click the desire plug-in to select. To use the block as the "Mute" function, normally you have to add . We have created a small activate shortcut button on the ProDriver floating icon. Simply click the "M" button would activate or deactivate the function (plugin).

Tip: Except using it as a Mute function, you may consider to use it for any other function that you wish by insert a correspondence plugin.

Diagram 45

6. Voice Over routing block

This is a routing block intended for the use of Voice Over function. Right click the block will show up the plug-in pull-down menu for all the available plug-in, click the desire plug-in to select. To use the block as the "Voice Over" function, normally you have to add . We have created a small activate shortcut button on the ProDriver floating icon. Simply click the "V" button would activate or deactivate the function (plugin).

Tip: Except using it as a Voice Over function, you may consider to use it for any other function that you wish by insert a correspondence plugin.

Import all your available plug-in

To import all you available plug-in, click "View" tab on the top menu bar and click "Plugin Manager" to launch the Plugin Manager window. Click "Scan VST" or "Scan VST3" to scan your computer all the available correspondence plugin automatically. A list of all available plugins will be shown and they have imported automatically and ready to be used in ProDriver.
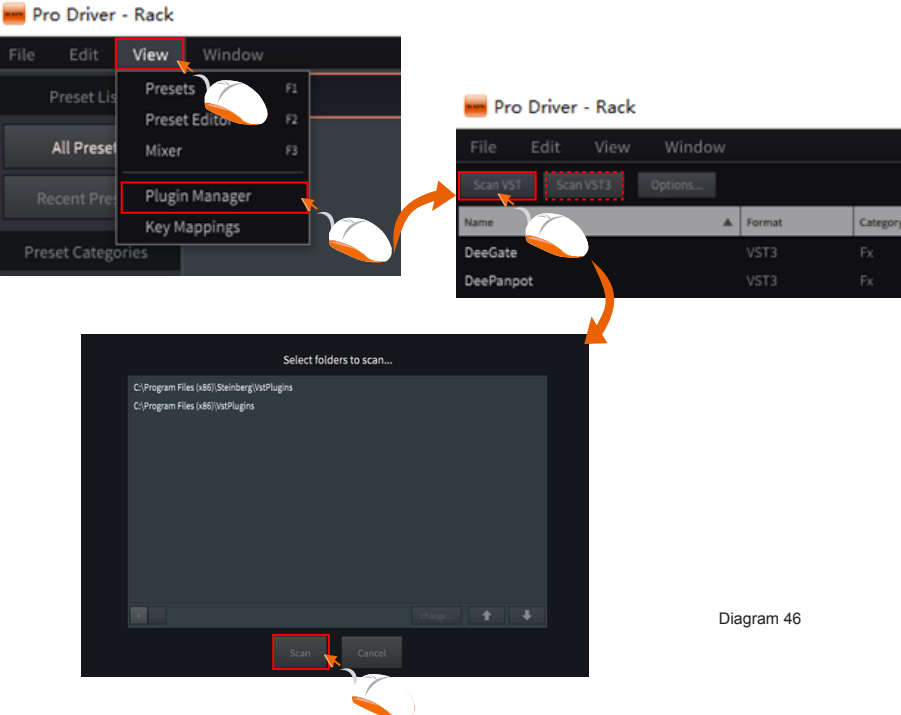
Diagram 46

Add plug-in and make routing

It is extremely easy to add plug-ins and make any routing between input channels to any plug-in to output channels. Just simply pull & drag the connection cable from connection point to point. To add a plug-in, right click your mouse, you will see all the available plug-ins that you have in your computer in the pull-down menu, then simply just click the plug-in to select.
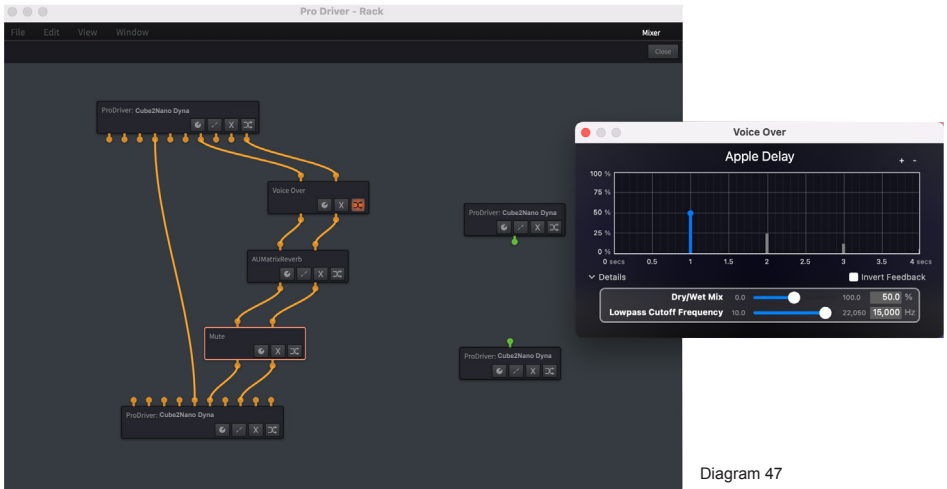
Diagram 47

Buttons

1、 Click to launch the actual plug-in control panel for making settings.
2、 Click to delete all the virtual connections that connected to the block.
3、 Click to delete the routing /plugin block
4、 Click to activate or deactivate the routing/plugin block
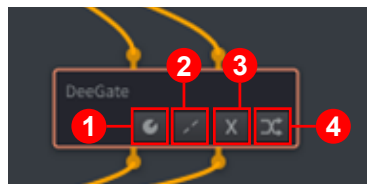
Diagram 48

Hardware Connections

Connect the Cube2Nano Dyna digital audio interface outputs to your amplifier, powered monitors.

If you are monitoring through headphones, connect your headphones to the device's headphone output.

Connect your microphone/guitar to the device's analog input.

PC/MAC Only

Smart Device Only

PC/MAC Smart Device Simultaneously

Different types of microphone connection method diagram

Dynamic Microphone (D2)

1/4" TR Unbalanced

Or

XLR Balanced

Condenser Microphone (Apollo)

Note: For dynamic microphone user, please make sure +48V phantom power switch is "OFF" before you plug in your microphone, otherwise it may cause damage to your microphone.

Specifications

ADC:
Dynamic Range: .... 116dB, A-weighted
Signal-to-Noise Ratio:..................................... -116dB, A-weighted
THD+N Ratio: .... -108dB, -1dBFS

DAC:
Dynamic Range: .... 127dB, A-weighted
Signal-to-Noise Ratio: .... -127dB, A-weighted
THD+N Ratio: .... -120dB, 0dBFS

Mic Input(XLR, Balanced):
Frequency Response: .... 20Hz to 20kHz (+/-0.1dB)
Noise EIN: .... <-120dB
Input Impedance: .... 1.8K Ohms
Gain Range: .... -6dB~+46dB
Maximum Input Level: .... +9dBu

Instrument Input(6.35mmTS, Unbalanced):
Frequency Response: .... 20Hz to 20kHz (+/-0.1dB)
Input Impedance:... 390K Ohms, typical
Gain Range: .... +6dB~+45dB
Maximum Input Level: .... +9dBu

Line Outputs 1/2 (Stereo, Unbalanced):
Frequency Response: .... 20Hz to 20kHz (+/-0.1dB)
Nominal Output Level:.................................... +6dBu, typical;
Maximum Output Level:.................................. +10dBu;
Output Impedance:.. 150 Ohm
Load Impedance:... 600 Ohm minimum

Headphone Outputs: (Stereo, Unbalanced):
Frequency Response: .... 20Hz to 20kHz (+/-1dB)
Maximum Output Level:.................................. +9dBu, typical
Output Impedance:.. 10 Ohm
Load Impedance:... 32 to 600 Ohms

Services

If your Cube2Nano Dyna needs servicing, follow these instructions.

Check our online Help Center 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 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

    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.
    Tel: (852) 2398 2286
    Fax: (852) 2789 3947
    Email: info.asia@icon-global.com

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

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Pro Audio

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