iCON

XDJ

USB MIDI DJ Controller with OptiSen[TM] optical scratch wheels

User manual

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

Contents

Introductions

Thank you for purchasing the ICON ProAudio XDJ USB MIDI DJ controlle. 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 XDJ 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 full specifications.

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

Please follow the step by step procedures. Start by inputing the device's serial number as well as your personal information, etc. By registering your product online, you will be entitled to service and after-sales support at our Help Center by visiting our website at **www.iconproaudio.com**. Also, all the registered products under your account will be listed on your personal product page where you will find updated information such as firmware/driver upgrades, software bundles, user manual downloads, 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 XDJ digital audio interface 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?

- Contrôleur MIDI XDJ USB x 1
- Quick Start Guide
- USB2.0 Cable

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

- Touch-sensitive scratch wheels with high resolution pulse sensor

    Touch sensor scratch wheel platters give high resolution to experiencing an analog feel when scratching and mixing

- Vertical volume control faders
- Vertical tempo control faders
- Horizontal cross fader control
- 2x5-band EQ control knobs - Hi, Mid, Low, FX3 and Filter
- Gain control knobs
- Cue volume control knobs
- Cue Mix control knobs
- Large encoder knobs controlling "Move & Size" functions of the Loop
- Song selection encoder knob
- All buttons are backlit
- All controls including faders, knobs & buttons are assignable on some DJ software (except Mode & Shift buttons)
- Bundled with Deckadance 2 LE ICON edition
- Perfectly match with MacBook Pro™
- Compatible with Windows XP, Vista, Windows 7, Windows 8 (32-bit/64-bit), and Mac OS X (Intel)
- USB bus-powered
- Traktor and Deckadance PVC overlay and template are included
- Rugged aluminum construction

Front Panel Layout
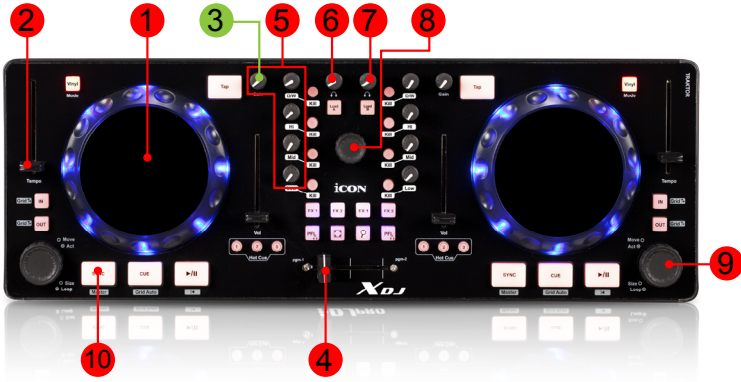
Note: The following descriptions on different controls are based on Deckadance 2 software. Different DJ software may need user's self setup or software compatibility support, and controls may work differently in other software.

1. Touch-sensitive scratch wheel with high resolution pulse sensor

The scratch wheel is constructed with high resolution pulse sensor with touch-sensitive and non-sensitive elements. These together enable user control functions such as "search", "pitch bend", "stop & go", and "scratch" etc. with high accuracy and effectively.

2. Tempo fader

Adjust the tempo (playback speed) of each deck at your software.

3. Volume fader

Adjust the volume of each deck at your software.
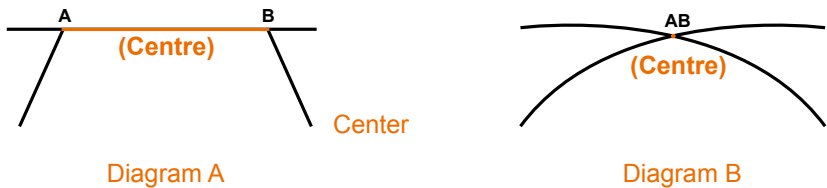
4. Crossfader

This slider controls the crossfader at your software. Slide to control the transition between songs. The crossfader curve setting is adjustable. Please refer to the "Adjust the cross fader curve" below for details.

Adjust the crossfader curve

Activate the "Shift" button and press down the "Song Selection" encoder (i.e. the centre encoder), and the two buttons "A" & "B" should stay light. Then slide the crossfader to your preferred cross point. This would be your "A" cross point and "B" cross point will be mirror symmetric. The section between your cross points "A" & "B" is the center value. Press down the encoder again to complete the adjustment.

Tip: In general, a gentle curve is more suitable for long mixes (larger distance between A/B as diagram A shown) and a sharp curve is more suitable for scratching (i.e. less distance between A/B as diagram B shown).

Diagram A   Diagram B

Note: Even if you have activated the cross fader adjustment function accidentally (i.e. buttons "A" & "B" have been lit), without actually moving the cross fader, its previous set cross point will not be affected even though the fader now is located at a different cross point.

5. Effect control knobs (FX3, Filter, Hi, Mid, Low & Gain)

These adjust the channel filter amount, gain, the high-frequency, mid-range, low-frequency EQ settings of each deck at your software.

6. Cue Volume knob

Adjust the cue volume.

7. Cue Mix knob

Adjust the Cue Mix value.

8. Song selection encoder knob

Rotate this knob to scroll through the song list and press button "A" or "B" to set the selected song to Deck A or B.

9. Loop control encoder knob

Rotate to adjust a set loop at Deck A or B.

| Rotate encoder	Adjust the size of the loop
Rotate encoder ("Shift" button activated)	Move the loop forward or backward.

10. Control buttons

Please refer to the following table for the button functions.

| Button	Function
IN	Loop (when you end looping playback resumes from end of loop)
IN + Shift	Gross Beat Slot 1
OUT	Leap (when you end looping playback resumes from where it would have been without looping)
OUT + Shift	Gross Beat Slot 2
Sync	Activate Sync function in Deckadance
Sync + Shift	Activate Master Sync function in Deckadance
Cue	Activate Cue function in Deckadance
Cue + Shift	Activate Stutter Cue function in Deckadance
►/II	Activate Play function in Deckadance
►/II + Shift	Rewind
Tap	Key Lock
Tap + Shift	No function
Hot Cue 1-3	Set hot cue point 1-3
Hot Cue 1-3 + Shift	Delete hot cue point 1-3
Mode on	Jog wheel scratching
Mode off	Jog wheel pitch bending
FX3	FX3 On/Off
Hi	Hi EQ On/Off
Mid	Mid EQ On/Off
Low	Low EQ On/Off
A	Load selected song to Deck A
B	Load selected song to Deck B
🔍	Snap/quantize on/off
FX1-2	Activate FX 1 and 2 in Deckadance for each deck
PFL	Activate 'PFL' headphone monitoring for each deck.

Side Panel Layout

1
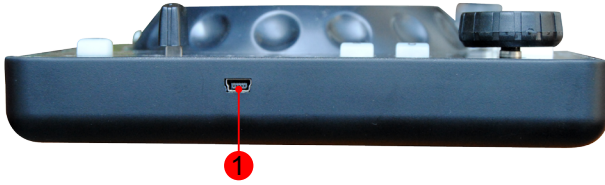
1. USB port (B-Type)
Functions as a MIDI port to your notebook (or computer) and compatible software. Also provides power to your XDJ.

Getting Started
Connecting your XDJ controller

1. Connect the XDJ 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 small jack end to the XDJ. Your Mac/PC should automatically "detect" the new hardware and notify you that it is ready to use.
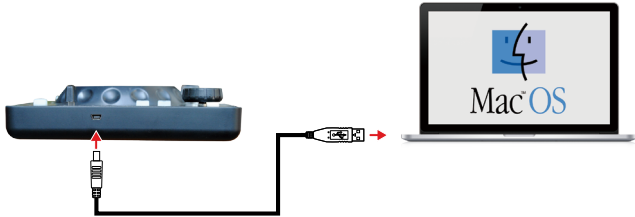
2. Setup your DJ software

Activate the ICON XDJ controller in your DAW or MIDI software using "MIDI setup" or "MIDI devices".

Note: Every application does this a little different, so refer to your software user manual for the settings.

3. Import the preset template for the DJ software

To avoid all hassles to set the midi mapping for your DJ software. We have created preset templates on some DJ software. By importing this template to your DJ software, your XDJ is ready to use immediately. Also, we will update and create more templates for different DJ software. Please check our official website for updates.
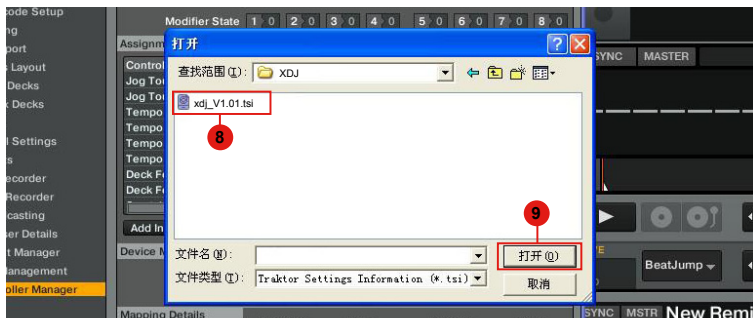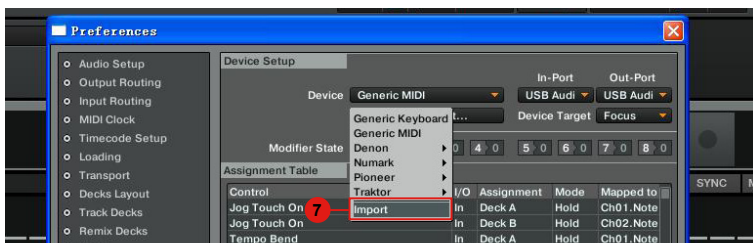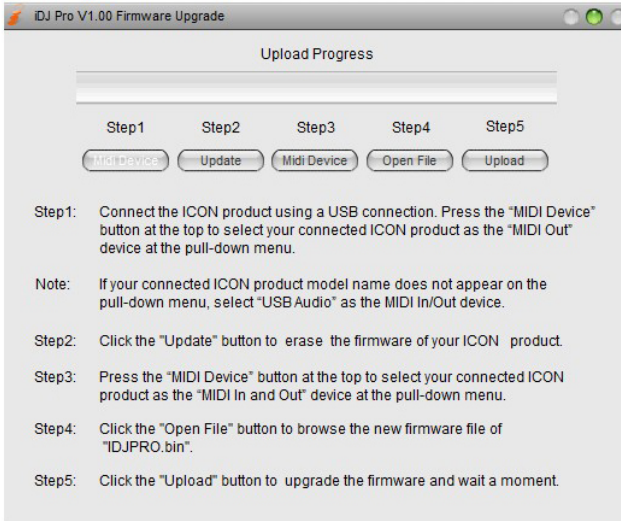
For Deckadance (with Template)
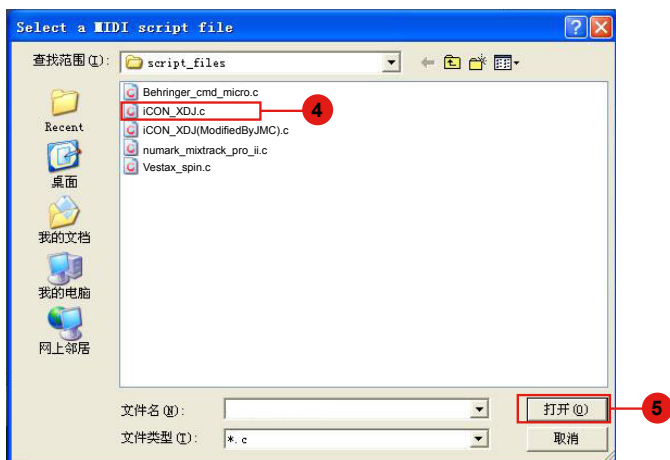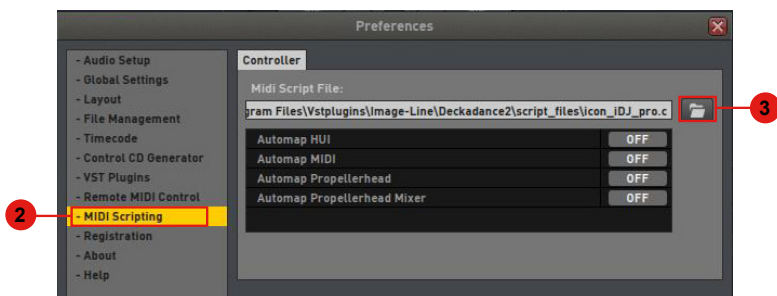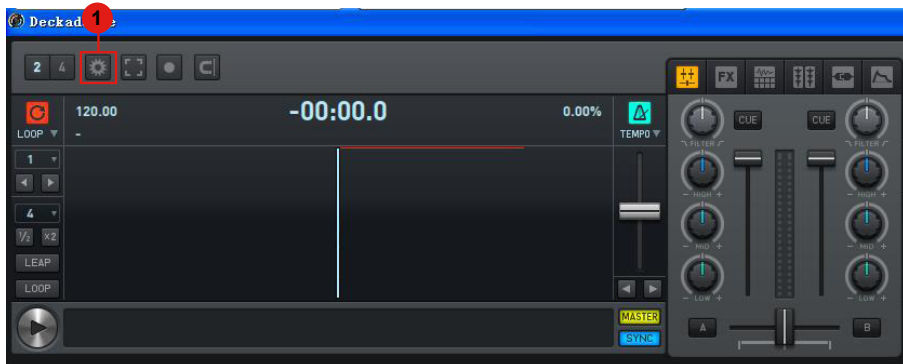
For Traktor (with Template)

Firmware upgrade

Step 1: Connect the ICON product using a USB connection. Press the "MIDI Device" button at the top to select your connected ICON product as the "MIDI In and Out" device at the pull-down menu.

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

Step 2: Click the "Update" button.

Step 3: Press the "MIDI Device" button at the top to select your connected ICON product as the "MIDI In and Out" device at the pull-down menu.

Step 4: Click the "Open File" button to browse the new firmware file.

Step 5: Click the "Download" button to upload the firmware.

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

Specifications

Connector: To computer .... USB connector (mini B type)
Power supply .... USB bus power
Current consumption .... 100mA or less
Weight 2119g
Dimensions... 524(L) X 180(W) X 40(H)
.... 20.63"(L) x 7.09"(W) x 1.57"(H)

Services

If your XDJ 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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