Upod Pro

2 Mic/1-Guitar in, 2 Line out recording USB Interface with DSP effect built-in.

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 Upod Pro digital audio Interface. 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 Upod Pro 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 Upod Pro 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?

- Upod Pro USB Recording Interface
- Quick Start Guide
- USB 2.0 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

The ICON Upod Pro USB recording interface provides an audio input and output module with USB connectivity. Main features include:

- 16-Bit 48KHz 2 mic-In/1 guitar-In, 2-Out USB Recording Interface
- 2x2 analog I/O full duplex recording and playback
- ICON innovative unique mic preamp with individual gain control.
- Equipped with +48V & +5V phantom power.
- Built-in ICON 72-DSP effect with control knob on the top panel.
- 2 analog outputs on 1/4" TRS jacks or stereo output on 3.5mm phone connector.
- Build-in stereo RCA input with individual gain control
- Functions as a stand-alone device with RCA input & DSP processing.
- Equipped with Hi, Mid & Low EQ adjustment knobs.
- Attenuator (Voice-Over) function button equipped for music fade-out automatically when mic signal is present.
- Two Voice-Over function control knobs for adjusting the BGM ramping speed and ducking amount.
- Buttons equipped for controlling mic signal (dry/wet) recording to PC.
- Buttons equipped for controlling monitoring signal (dry/wet).
- Master volume control on the top panel
- 2 headphone outputs on 1/4" TRS jacks with individual volume control
- USB2.0 compatible
- Plug & play and no driver installation is needed.
- Compatible with Mac OS (Intel-Mac) and 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)
- Full duplex, simultaneous record/playback

Front/Top Panel
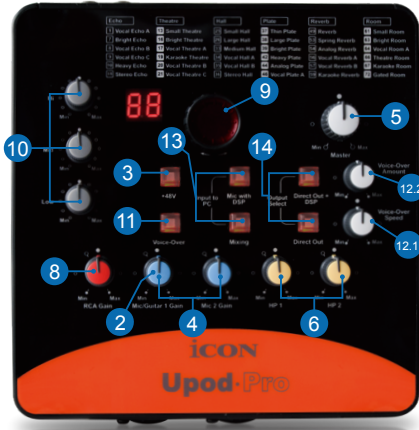
1. "Mic" inputs 1/2

These hybrid connectors will accept a standard 3-pin XLR plug or a 1/4" TS connector.

3-pin XLR (Balanced)	For condenser microphone with +48V phantom power or dynamic microphone. ***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.
1/4" TS (Unbalanced)	For condenser microphone with +5V phantom power or dynamic microphone. ***Note:*** For condenser microphone user, TRS cable must be used in order to have the +5V phantom power. For dynamic microphone user, TS cable must be used, otherwise the +5V phantom power may cause damage to your microphone.

Please refer to P.12 for the connection method of different type of microphone.

2. HI-Z input & gain control

This is high impedance input for guitar/bass with individual gain control knob.

3. 48V phantom power switch

Press to supply +48V phantom power to both XLR input. This phantom power circuit is suitable for most condenser microphones.

4. Input gain level controls 1/2

These potentiometers control the input level of the associated analog microphone (& instrument) inputs.

5. Master level control

This potentiometer controls the master output level of the analog outputs.
Note: Master level control will only adjust the output level of both the Line output 1/2 and the 3.5mm stereo output.

6. Headphone level control

These potentiometers control the output level of the associated headphone output.

7. Headphone output

These output jacks accept a standard 1/4″ stereo TRS headphone connector.

8. RCA gain level control

This potentiometer controls the input level of the RCA inputs.

9. 72-DSP selector knob

Rotate to select the DSP effect from 1-72.

10. Hi, Mid & Low EQ adjust knobs

Adjust the Hi, Mid & Low EQ parameters for inputs 1 & 2.

11. Attenuator (Voice-Over) button

Activating the attenuator (Voice-Over) function will allow the music signal from PC & RCA inputs to be ramped down when there is input signal from input 1 or 2. Signal will gradually ramp up again if there is no input signal.

12. Voice-Over function control knobs

12.1 BGM ramping speed	Turn clockwise to increase the ramping speed of the BGM
12.2 BGM ducking amount	Turn clockwise to increase the ducking amount of the BGM

13. Input to PC

Mic with DSP button	Controlling the input signal to PC. Wet signal (activated)-DSP processed. Dry signal (inactivated)-no DSP effect.
Mixing button	Controlling the input signal to PC. Activated to allow all signals including RCA, PC and input 1 & 2 to be recorded by PC. Inactivating it will only record the input signals 1 & 2.

14. Output select

Direct out + DSP button	Controlling the output signal. DSP effected signal will be monitored if activated.
Direct out button	Direct signal (i.e. without DSP effect) will be output and monitored.

Tip: When "Direct Out + DSP" function activated, it is highly recommended to activate the "Direct Out" button also to gain optimized output sound quality.

Rear Panel

1. RCA input connectors
These are unbalanced analog inputs on RCA connectors at –10dB line level.

2. Line outputs 1/2
These are unbalanced analog outputs on standard 1/4″ TS connectors at +6dBU line level.

3. 3.5mm stereo output
This is an unbalanced analog stereo output on a standard 3.5mm stereo connector at +6dBU line level.

4. USB 2.0 compatible Connector
Connect it with the provided USB cable to your Mac/PC's USB connector.

5. 5V/1A power adaptor
Connect the provided power adaptor here.
Note: Upod Pro is not able to work without the provided power adaptor connected. The USB bus power is not able to provide sufficient power supply for Upod Pro.
Note: External power adapter is needed if the Upod Pro is using as a standalone unit.

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DSP Effect List

	Echo	Theatre	Hall	Plate	Reverb	Room
1	Vocal Echo A	Small Theatre	Small Hall	Thin Plate	Reverb	Small Room
2	Chorus Echo	Medium Theatre	Large Hall	Large Plate	Gated Reverb	Large Room
3	Gated Echo	Large Theatre	Hall Abbey	Bright Plate	Chorus Verb	Bright Room
4	Flang Echo	Bright Theatre	Hall Church	Gated Plate	Flang Verb	Vocal Room A
5	Spring Echo	Vocal Theatre A	Hall Temple	Flang Plate	Spring Reverb	Music Room
6	Analog Echo	Music Theatre	Hall Mosque	Heavy Plate	Analog Reverb	Theatre Room
7	Bright Echo	Karaoke Theatre	Hall Basilica	Light Plate	Stereo Reverb	Karaoke Room
8	Vocal Echo B	Vocal Theatre B	Hall Delubrum	Analog Plate	Vocal Reverb A	Medium Room
9	Vocal Echo C	Vocal Theatre C	Medium Hall	Stereo Plate	Vocal Reverb B	Studio Room
10	Heavy Echo	Gated Theatre	Vocal Hall A	Vocal Plate A	Music Reverb	Vocal Room B
11	Stereo Echo	Vocal Theatre D	Vocal Hall B	Vocal Plate B	Karaoke Reverb	Vocal Room C
12	Music Echo	Vocal Theatre E	Stereo Hall	Medium Plate	Machine Reverb	Gated Room

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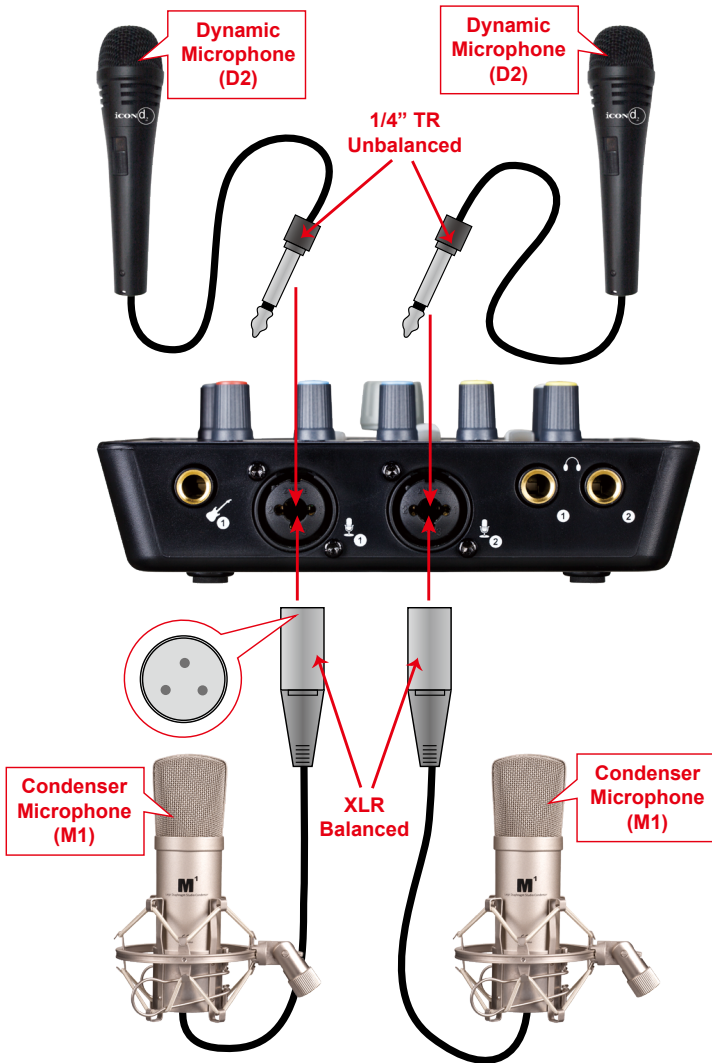
Note: For dynamic microphone user, please make sure +48V phantom power switch is "OFF" before you plug in your microphone, otherwise it may cause damage to your microphone.

Hardware Connections

Connect the Upod Pro digital audio interface outputs to your amplifier, powered monitors or surround system. Two-channel stereo operation, the default outputs are channels 1 and 2.

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

Connect your microphones to the device's analog input.

Minimum System Requirements

Important: The Upod Pro digital audio interface is supported by Mac OS (Intel-Mac), Windows XP, Windows Vista, Windows 7 (32-bit/64-bit),Windows 8 (32-bit/64-bit) & Windows 10 (32-bit/64-bit). The Upod Pro digital audio interface is not supported by Windows 98 or Windows Me. For Windows XP, you must be running SP1 or later. Visit the Windows update web pages to make sure you have the most current updates and fixes supplied by Microsoft. On the Mac, the Upod Pro digital audio interface is supported by Mac OSX version 10.5.5 or later (must be Intel-Mac). Earlier versions of Mac operating systems are not supported.

Windows OP:
Pentium 4 -1.0GHz or higher
1.0Ghz RAM
DirectX 8.1 or higher
Windows XP (SP1), Windows 2000 (SP3), Windows Vista or Windows 7

Mac OP:
Intel-Mac 1.0GHz or higher
1.0GHz RAM
OS 10.5.5 or later

Specifications

Mic Input:

Frequency Response .... 22Hz to 20kHz (+/-0.2dB)

Dynamic Range .... 90dB, A-weighted

Signal-to-Noise Ratio .... -90dB, A-weighted

THD+N .... <0.0061% (-86dB)

Crosstalk .... -85dB @ 1kHz

Input Impedance: Mic in .... 1.8K Ohms, typical

Adjustable Gain .... +39dB

Inst Input:

Frequency Response .... 22Hz to 20kHz (+/-0.2dB)

Dynamic Range .... 90dB, A-weighted

Signal-to-Noise Ratio .... -90dB, A-weighted

THD+N .... <0.0061% (-86dB)

Crosstalk .... -75dB @ 1kHz

Input Impedance: Inst in .... 500K Ohms, typical;

Total Gain Range: .... +38dB

Line Inputs (RCA IN, Unbalanced):

Frequency Response .... 22Hz to 20kHz (+/-0.2dB)

Dynamic Range .... 90dB, A-weighted

Signal-to-Noise Ratio .... -90dB, A-weighted

THD+N .... <0.003% (-86dB)

Crosstalk .... -90dB @ 1kHz

Input Impedance .... 10K Ohms, typical

Adjustable Gain .... +8dB

Line Outputs 1/2 (Stereo, Unbalanced):

Frequency Response .... 22Hz to 20kHz (+/-0.2dB)

Dynamic Range .... 90dB, A-weighted

Signal-to-Noise Ratio .... -90dB, A-weighted

THD+N .... <0.003% (-86 dB)

Crosstalk .... -90dB @ 1kHz

Nominal Output Level .... Unbalanced: +2dBV, typical;

Headphone Outputs: (at Maximum Volume; Into 100 Ohm load):

Frequency Response .... 22Hz to 20kHz (+/-0.2dB)

Power into Ohms .... 20 mW into 100 Ohms

THD+N .... <0.06% (-66dB)

Signal-to-Noise Ratio .... -90dB, A-weighted

Max Output Level into 100 Ohms .... +2.0dBV, typical

Load Impedance .... 32 to 600 Ohms

Services

If your Upod Pro 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 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:
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