

## iCON P1-Nano

# iCON Pro Audio P1-Nano Compact DAW Control Surface with D5 Display User Manual

Brand: iCON | Model: P1-Nano (IPA-P1NANOD5-BUN)

## 1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your iCON Pro Audio P1-Nano Compact DAW Control Surface with the included D5 Display. Please read this manual thoroughly to ensure proper use and to maximize the functionality of your device.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Premium DAW Control:** Compact USB C-MIDI control surface for powerful DAW control.
- **Customizable Touchscreen Display:** 4-inch touchscreen with 5 color-coded layers, offering up to 80 displayable and actionable functions.
- **Multi-DAW Compatibility:** Seamless integration with popular DAWs including Bitwig, Cubase/Nuendo, Logic Pro X, Ableton Live, and Pro Tools. Control up to three DAWs simultaneously.
- **Precision Control:** Touch-sensitive motorized fader (12-bit resolution), 8 dual-function encoder knobs, illuminated automation command buttons, and a smooth-action jog wheel.
- **Durable & Versatile:** Robust metal casing, compact and portable, supports Mackie Control and HUI protocols. Compatible with MacOS and Windows systems.
- **Enhanced Workflow:** Channel control, transport buttons, dedicated flip and master buttons, illuminated zoom and focus functions.
- **Included D5 Display:** Expands control capabilities with additional visual feedback.
- **User-Friendly Software:** iMap™ software for easy configuration and customization.
- **Footswitch Compatibility:** Supports footswitch pedals with User A & User B 1/4 inch inputs.

### 2.2 What's in the Box

- Icon Pro Audio P1-Nano control surface
- D5 display unit

## 3. SETUP

### 3.1 Physical Connections

Connect the P1-Nano to your computer and power source as follows:

1. Connect the P1-Nano to your computer using a USB-C cable.
2. Connect the 5V DC power adapter to the P1-Nano and a power outlet.
3. Connect the D5 Display unit to the dedicated D5 port on the P1-Nano.
4. Optional: Connect footswitch pedals to the User A and User B 1/4 inch inputs for additional control.



Rear view of the P1-Nano, illustrating the USB-C, 5V DC power, D5 display, and footswitch connections. Ensure all cables are securely connected.

### 3.2 Software Installation and iMap Configuration

To unlock the full potential of your P1-Nano, download and install the iMap software from the official iCON Pro Audio product page. This software allows for comprehensive customization of buttons, hotkeys, and MIDI commands. The P1-Nano is compatible with both MacOS and Windows systems. Firmware upgrades can be performed via the USB-C connection.

### 3.3 DAW Integration

The P1-Nano supports seamless integration with various Digital Audio Workstations (DAWs) using Mackie Control and HUI protocols. It comes with preloaded maps for 18 popular DAWs, including Bitwig, Cubase/Nuendo, Logic Pro X, Ableton Live, and Pro Tools. You can connect to and control up to three DAWs simultaneously.

This video demonstrates the multi-DAW compatibility of the P1-Nano, showing how to switch between different DAW modes for integrated control.

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## 4. OPERATING THE P1-NANO



The iCON Pro Audio P1-Nano Compact DAW Control Surface with the D5 Display unit attached, providing a comprehensive overview of the device.

#### 4.1 Motorized Fader

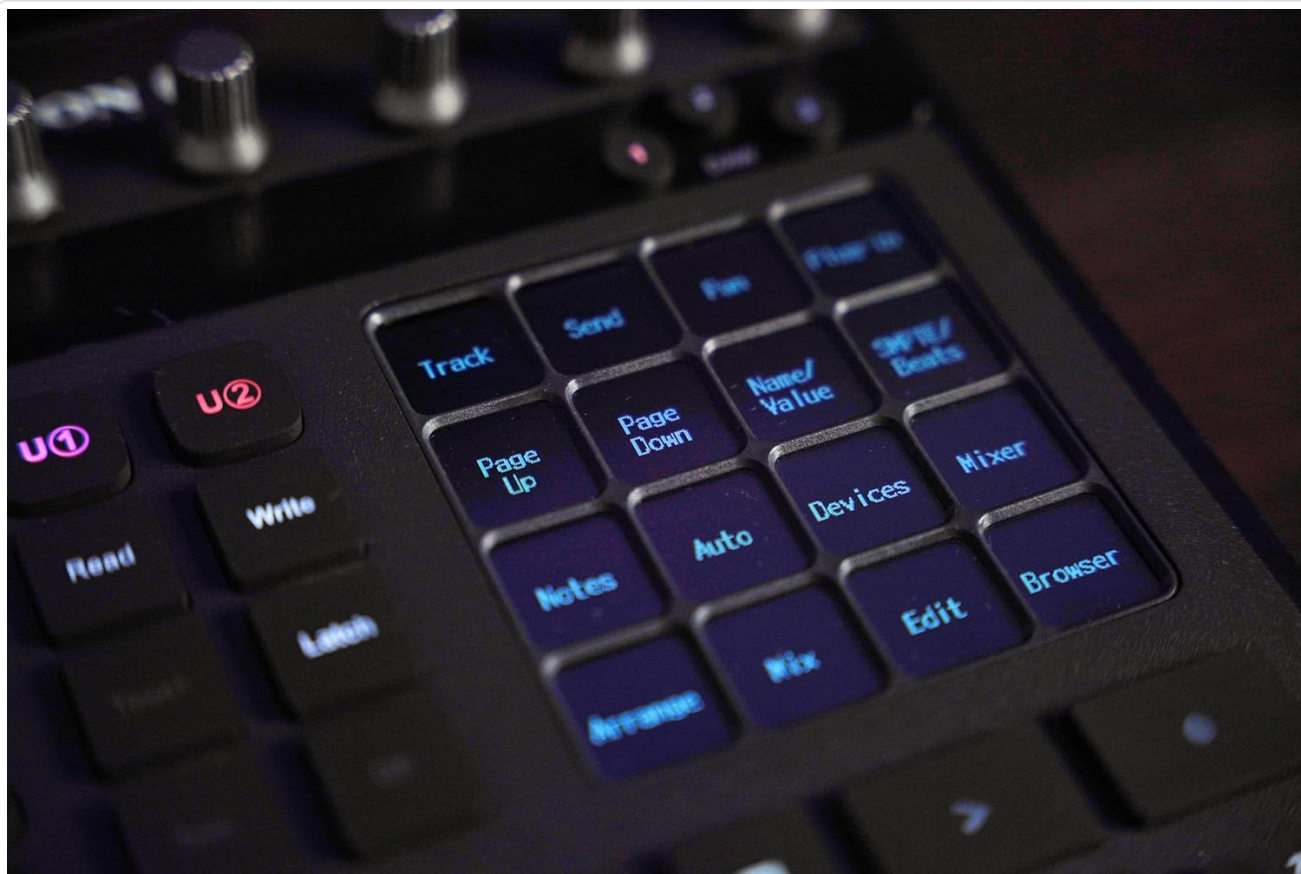
The P1-Nano features a single touch-sensitive motorized fader with 12-bit resolution, allowing for precise and automated control over track levels and other parameters within your DAW.

#### 4.2 Encoder Knobs

Eight dual-function encoder knobs provide versatile control over various parameters, such as pan, send levels, plug-in controls, and more. Their dual-functionality allows for deeper control depending on the selected mode or layer.

#### 4.3 Touchscreen Display and Command Layers

The 4-inch touchscreen display is a central feature, offering 5 color-coded layers. These layers provide access to up to 80 displayable and actionable functions, which can be organized in real-time to match your workflow. The display provides visual feedback for selected parameters and commands.



A detailed view of the P1-Nano's programmable touchscreen buttons, highlighting the illuminated labels and customizable functions across different layers.

#### 4.4 Transport Controls and Jog Wheel

Dedicated transport buttons (Play, Stop, Record, Fast Forward, Rewind) provide intuitive control over your DAW's playback. The smooth-action jog wheel allows for precise scrubbing, navigation, and editing within your project.

#### 4.5 Navigation and Zoom Functions

Illuminated zoom and focus functions, along with directional buttons, enable efficient navigation through your DAW project, allowing you to quickly locate and adjust specific sections or tracks.

#### 4.6 Master Assign Button

The Master Assign button allows you to quickly assign the motorized fader to control the master track or other designated master parameters within your DAW.

#### 4.7 Footswitch Compatibility

The P1-Nano supports external footswitch pedals via its User A and User B 1/4 inch inputs. These can be configured through the iMap software to trigger various commands, adding hands-free control options to your workflow.

This video provides an overview of the iCON Pro Audio P1-Nano, showcasing its motorized fader, encoder knobs, touchscreen, and transport controls in action.

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### 5. D5 DISPLAY UNIT

The included D5 Display unit integrates seamlessly with the P1-Nano, providing additional visual feedback for track names, parameters, and other critical information, further enhancing your control and monitoring capabilities.



A top-down view of the P1-Nano, highlighting the layout of its controls and the integrated D5 Display for comprehensive visual feedback.

## 6. CUSTOMIZATION WITH iMAP SOFTWARE

The iMap software is the heart of the P1-Nano's customization. It allows you to tailor the control surface to your specific needs and workflow.

### 6.1 Button Functions

Use the drag-and-drop interface within iMap to assign your DAW commands to different buttons on the touchscreen function layers.

### 6.2 Hotkey Commands

Program keyboard hotkeys into the touchscreen function buttons for quick access to frequently used commands.

### 6.3 MIDI Commands

Set up MIDI commands to use your P1-Nano as a MIDI controller for virtual instruments and other software. The iMap software comes preloaded with maps for 18 popular DAWs, simplifying initial setup.



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## 7. SPECIFICATIONS

| Feature                | Detail                                |
|------------------------|---------------------------------------|
| Item Weight            | 2 pounds                              |
| Product Dimensions     | 7.1 x 8.38 x 2.36 inches              |
| Item Model Number      | IPA-P1NANOD5-BUN                      |
| Compatible Devices     | Most devices with a USB or USB-C port |
| Connector Type         | USB                                   |
| Hardware Interface     | USB                                   |
| Supported Software     | Ableton Live (and other major DAWs)   |
| Material Type          | Metal                                 |
| Musical Style          | Electronic                            |
| Instrument Key         | Any                                   |
| Mixer Channel Quantity | 8                                     |
| Hardware Platform      | PC/Mac                                |

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## 8. MAINTENANCE

To ensure the longevity and optimal performance of your P1-Nano, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the unit. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish and electronic components.
- **Environment:** Keep the device in a clean, dry environment. Avoid exposure to extreme temperatures, humidity, or direct sunlight.
- **Handling:** Handle the unit with care. Avoid dropping it or subjecting it to strong impacts.

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## 9. TROUBLESHOOTING

If you encounter issues with your P1-Nano, refer to the following common troubleshooting steps:

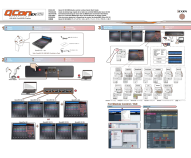



- **No Power/Unit Not Turning On:** Ensure the 5V DC power adapter is securely connected to both the unit and a working power outlet. Verify the USB-C cable is properly connected to your computer.
- **No DAW Control:**
  - a. Check if the P1-Nano is recognized by your computer's operating system.
  - b. Verify that the correct DAW is selected on the P1-Nano and within the iMap software.
  - c. Ensure that Mackie Control or HUI protocols are correctly enabled and configured in your DAW's preferences.
  - d. Restart your DAW and the P1-Nano.

- **Fader/Knob Malfunction:** Check for any physical obstructions or debris around the fader or knobs. If issues persist, try recalibrating the controls via the iMap software if such an option is available.
- **D5 Display Blank/Not Working:** Ensure the D5 Display unit is securely connected to the dedicated D5 port on the P1-Nano.
- **Firmware Updates:** Regularly check the iCON Pro Audio website for the latest firmware updates, which can resolve bugs and improve performance.

## 10. WARRANTY AND SUPPORT

The iCON Pro Audio P1-Nano is covered by a manufacturer's warranty. For detailed warranty information, product registration, and technical support, please visit the official iCON Pro Audio website. You can also find additional resources, FAQs, and contact information for customer service there.

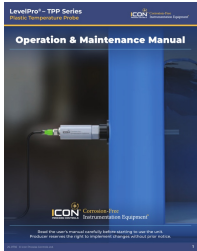
### Related Documents - P1-Nano

|   |   |
|---|---|
|    | <p><a href="#">Qcon EX G2 MIDI/Audio Control Surface Quick Start Guide</a></p> <p>A quick start guide for the iCON Qcon EX G2 MIDI/Audio control surface, detailing setup and configuration for various Digital Audio Workstations (DAWs) like Logic Pro, Pro Tools, Cubase, Ableton Live, and more.</p>                |
|   | <p><a href="#">LevelPro® LPS50 Series Digital Pressure Switch Quick Start Manual</a></p> <p>Quick start guide for the ICON LevelPro® LPS50 Series Digital Pressure Switch, detailing safety, specifications, wiring, dimensions, and programming instructions.</p>  |
|  | <p><a href="#">iCON Qcon Pro USB-MIDI Controller Station User Manual</a></p> <p>Comprehensive user manual for the iCON Qcon Pro USB-MIDI Controller Station, detailing its features, operation, software installation, connections, and technical specifications for music production.</p>                              |
|  | <p><a href="#">iCON U44: Руководство пользователя 4x4 USB Аудиоинтерфейса</a></p> <p>Подробное руководство пользователя для аудиоинтерфейса iCON U44. Узнайте о функциях, подключении, установке и спецификациях этого 4x4 USB 2.0 устройства с большим экраном, управляемого программным обеспечением iCON iO Pro.</p> |



[ProCon C550 Series Conductivity Sensor Transmitter Datasheet](#)

The ProCon C550 Series Conductivity Sensor Transmitter by ICON Process Controls is a high-performance, durable instrument designed for harsh industrial environments. It features direct 4-20mA and RS485 outputs, temperature compensation using PT1000, and a robust graphite + PPMA electrode. With a 3/4" NPT connection and M12 connectivity, it offers high accuracy and quick response times for measuring Conductivity, TDS, Salinity, and Resistivity. Factory calibrated and IP68 rated, it is suitable for various applications including water treatment, chemical plants, and food & beverage industries.



[LevelPro® TPP Series Plastic Temperature Probe Operation & Maintenance Manual](#)

This manual provides essential information for the installation, operation, and maintenance of the ICON LevelPro® TPP Series Plastic Temperature Probe. It covers product overview, specifications, working principle, application diagram, dimensions, wiring instructions, maintenance, troubleshooting, and warranty information.