IK Multimedia IP-IRIG-PROIO-IN

IK Multimedia iRig Pro I/O Audio Interface User Manual

Model: IP-IRIG-PROIO-IN

1. INTRODUCTION

The IK Multimedia iRig Pro I/O is a portable audio and MIDI interface designed for high-quality recording and performance with iPhone, iPad, Mac, iOS, and PC devices. It offers 24-bit/96 kHz audio resolution, a combo XLR/1/4" input for instruments and microphones, 48V phantom power, MIDI In/Out, and a headphone output with volume control. This manual provides essential information for setup, operation, and maintenance of your iRig Pro I/O.

2. PRODUCT OVERVIEW

2.1 Key Features

- 24-bit/96 kHz audio quality for recording and production.
- XLR and Hi-Z combo input for instruments or microphones.
- +48V phantom power for condenser microphones.
- MIDI In/Out for connecting controllers and keyboards.
- Direct monitoring via headphone jack with no latency.
- Compatible with iPhone, iPad, Mac, iOS, and PC.
- Includes Lightning, USB-C, and USB-A cables.
- Works with various audio applications like GarageBand, AmpliTube, and more.

2.2 Component Identification

Familiarize yourself with the different parts of your iRig Pro I/O:

ULTRA Portable
Studio Interface

This image displays the iRig Pro I/O unit with labels indicating its various ports and controls. The top features the DC IN port and the IN/OUT - POWER port for connection to devices. The left side includes MIDI IN/OUT ports and a switch for 48V Phantom Power. The right side shows the Headphone Out and an Adjustable Volume control. The bottom of the unit has a combo XLR (Mic) and 1/4" (Instrument) input. The front panel features a GAIN knob and LED indicators for I/O, 48V, and MIDI.

This image provides a detailed breakdown of the iRig Pro I/O's features and connections. It highlights the included Lightning and USB cables, the multicolor LEDs for gain, MIDI, and phantom power, the new MIDI In/Out, 48V phantom power switch, headphone output with volume control, and the high-quality preamp with gain control for the 1/4" / XLR guitar, mic, and line input. It also notes that the unit can be powered by USB, battery, or an optional PSU.

3. SETUP

3.1 Powering the iRig Pro I/O

The iRig Pro I/O can be powered in several ways:

- **USB Bus Power:** When connected to a Mac or PC via USB, the unit draws power directly from the computer.
- **Battery Power:** For mobile use with iOS devices, insert two AA batteries into the battery compartment. This is required when using 48V phantom power with iOS devices.
- **Optional DC Power Supply:** An external 9V DC power supply (not included) can be connected to the DC IN port for continuous operation and to charge iOS devices while in use.

3.2 Connecting to Your Device

Use the appropriate cable provided to connect the iRig Pro I/O to your device:

- **iOS Devices (iPhone, iPad):** Use the included Lightning cable.
- **Mac/PC with USB-C:** Use the included USB-C cable.
- **Mac/PC with USB-A:** Use the included USB-A cable.

Ensure your device recognizes the iRig Pro I/O as an audio input/output device in its sound settings or within your chosen audio application.

3.3 Connecting Instruments and Microphones

- **Instruments (Guitar, Bass, Line-level):** Connect your instrument to the 1/4" input of the combo jack at the bottom of the iRig Pro I/O.
- **Microphones (Dynamic/Condenser):** Connect your microphone to the XLR input of the combo jack. If using a condenser microphone, activate the 48V phantom power switch on the side of the unit. Ensure batteries are installed or an external power supply is connected when using phantom power with iOS devices.

3.4 Connecting MIDI Devices

Use standard MIDI cables to connect external MIDI devices:

- **MIDI In:** Connect the MIDI Out of your MIDI controller (e.g., keyboard, drum machine) to the MIDI In port on the iRig Pro I/O.
- **MIDI Out:** Connect the MIDI In of your external MIDI device (e.g., synthesizer, sound module) to the MIDI Out port on the iRig Pro I/O.

4. OPERATION

4.1 Adjusting Input Gain

The large GAIN knob on the front of the iRig Pro I/O controls the input level for your instrument or microphone. Adjust this knob to achieve an optimal signal level without clipping. The input level LEDs will indicate the signal strength:

- **Green:** Healthy signal.
- **Orange:** Approaching clipping.
- **Red:** Clipping (reduce gain immediately).

4.2 Monitoring Audio

Connect headphones to the 1/8" (3.5mm) headphone output on the side of the unit. The adjacent volume slider controls the headphone output level. The iRig Pro I/O provides direct monitoring, allowing you to hear your input signal without latency.

4.3 Using with Software Applications

The iRig Pro I/O is compatible with a wide range of audio recording and processing applications on iOS, Mac, and PC. Examples include GarageBand, AmpliTube, Cubasis, Logic Pro, Ableton Live, and more. Refer to your software's documentation for specific instructions on selecting the iRig Pro I/O as your audio input/output device.

This image shows the iRig Pro I/O connected to a Mac laptop, demonstrating its use as a portable studio interface. The laptop screen displays a digital audio workstation (DAW) interface, indicating that the iRig Pro I/O is actively being used for music production or recording.

This image illustrates the iRig Pro I/O connected to an iPhone, with a guitar and a condenser microphone also connected to the interface. The iPhone screen displays an audio application, highlighting the device's capability for mobile recording of both instruments and vocals.

5. MAINTENANCE

To ensure the longevity and optimal performance of your iRig Pro I/O:

- Keep the unit clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the unit to extreme temperatures, humidity, or direct sunlight.

- Do not use abrasive cleaners or solvents.
- Store the unit in a safe place when not in use to prevent physical damage.
- Remove batteries if the unit will not be used for an extended period to prevent leakage.

6. TROUBLESHOOTING

- **No Sound/Input Signal:**

    - Check all cable connections.
    - Ensure the iRig Pro I/O is selected as the input device in your software and operating system settings.
    - Verify the GAIN knob is adjusted appropriately.
    - If using a condenser mic, ensure 48V phantom power is enabled and the unit is adequately powered (batteries or external PSU).
    - Check headphone volume.

- **Distorted Sound:**

    - Reduce the GAIN knob on the iRig Pro I/O.
    - Check input levels within your software to ensure they are not clipping.

- **MIDI Not Working:**

    - Ensure MIDI cables are correctly connected (Out to In, In to Out).
    - Verify MIDI settings in your software application.

- **Device Not Recognized:**

    - Try connecting to a different USB port or using a different cable.
    - Restart your computer or mobile device.
    - Ensure any necessary drivers are installed for your operating system (usually plug-and-play for most modern OS).

7. SPECIFICATIONS

Item Weight	3.48 ounces
Product Dimensions	5 x 1.46 x 1.69 inches
Item Model Number	IP-IRIG-PROIO-IN
Batteries	2 AA batteries required (included)
Compatible Devices	Laptop, Personal Computer, iPhone, iPad
Hardware Interface	Lightning, USB 2.0
Supported Software	Compatible with any audio software that runs on iOS, Mac, PC, and Android devices
Battery Type	Alkaline
Operating System	Multiple (iOS, macOS, Windows, Android)
Connectivity Technology	USB

Number of Channels	2

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official IK Multimedia website or contact their customer service directly. Details regarding product registration and support resources can typically be found on the manufacturer's website.

Manufacturer: IK Multimedia
Website: www.ikmultimedia.com

Related Documents - IP-IRIG-PROIO-IN

	Behringer X32 Digital Mixer User Manual: Features, Operation, and Specifications Comprehensive user manual for the Behringer X32 Digital Mixing Console. Explore its advanced features, operational overview, extensive connectivity, built-in effects, and USB audio interface capabilities for live sound and studio production.
	TOA IP-A1AF IP Audio Interface Instruction Manual This document provides comprehensive instructions for the TOA IP-A1AF IP Audio Interface, covering safety precautions, features, system examples, connections, settings, and initialization. It details how to use the device for SIP, VMS, and local broadcasting.
	Streambox Media Player for iOS and macOS Quick Start Guide A quick start guide to installing and using the Streambox Media Player for iOS and macOS, covering setup, channels, advanced settings, and specifications.
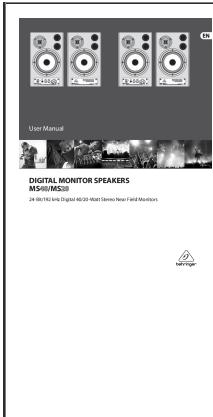
[Behringer MS40/MS20 Digital Monitor Speakers User Manual](#)

Comprehensive user manual for Behringer MS40 and MS20 digital monitor speakers. Covers setup, connections, controls, specifications, safety guidelines, and FCC compliance. Learn how to connect and operate your near-field monitors for high-fidelity audio reproduction.
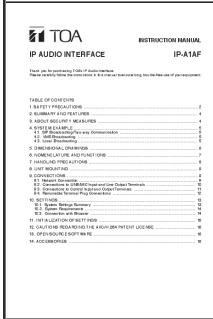
[TOA IP-A1AF IP Audio Interface: Instruction Manual](#)

Comprehensive instruction manual for the TOA IP-A1AF IP Audio Interface, detailing its features, installation, connections, and operational settings for professional audio systems. Learn about SIP, VMS, and multicast broadcasting capabilities.

[Extron Control for iOS App User Guide](#)

User guide for the Extron Control for iOS application, detailing system requirements, configuration for IP Link and IP Link Pro systems, room management, settings, and troubleshooting for controlling AV systems via iPad, iPhone, and iPod touch.