IK Multimedia IP-IRIG-PRODUOIO-IN

IK Multimedia iRig Pro Duo I/O Instruction Manual

Model: IP-IRIG-PRODUOIO-IN
Brand: IK Multimedia

1. INTRODUCTION

The IK Multimedia iRig Pro Duo I/O is a versatile, ultra-compact 2-channel audio and MIDI interface designed for high-quality digital music projects. It allows connection to a wide range of devices including iPhone, iPad, Android, Mac, and PC, making it suitable for music production, recording, podcasting, and live streaming. Featuring Class-A mic preamps with extended gain range and +48V phantom power, it ensures professional sound quality and ultra-low noise for radio-ready recordings.

Figure 1: Front view of the iRig Pro Duo I/O interface.

2. PACKAGE CONTENTS

Ensure all the following items are present in your iRig Pro Duo I/O package:

- iRig Pro Duo I/O Audio/MIDI Interface
- Lightning to Micro-USB cable
- USB-C to Micro-USB cable
- USB-A to Micro-USB cable
- 2 x AA Batteries
- 2 x MIDI breakout cables

3. SETUP

3.1. Powering the Device

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

1. **USB Bus Power:** Connect the interface to your computer (Mac/PC) or compatible mobile device using the appropriate USB cable.
2. **AA Batteries:** Insert two AA batteries into the battery compartment on the underside of the unit. This is ideal for mobile use with devices that do not provide bus power.
3. **Optional Power Supply Unit (PSU):** For extended use or when phantom power is required without USB bus power, an optional 9V DC power supply can be connected to the DC input jack.

3.2. Connecting to Devices

Use the provided cables to connect your iRig Pro Duo I/O to your recording device:

- **iOS Devices (iPhone, iPad):** Use the Lightning to Micro-USB cable.
- **Android Devices:** Use the USB-C to Micro-USB cable.
- **Mac/PC:** Use either the USB-C to Micro-USB or USB-A to Micro-USB cable depending on your computer's ports.

Figure 2: iRig Pro Duo I/O connected to different devices and instruments.

3.3. Connecting Microphones and Instruments

The iRig Pro Duo I/O features two Neutrik analog inputs (combo XLR/TRS jacks) that accept both XLR and 1/4"

TRS/TS connections. These inputs are suitable for microphones, guitars, basses, keyboards, and other line-level instruments.

- Connect your microphones via XLR cables to inputs 1 and 2.
- Connect instruments (guitars, basses) or line-level sources via 1/4" TS/TRS cables to inputs 1 and 2.

Figure 3: Close-up of the combo XLR/TRS inputs.

3.4. Connecting Headphones and Monitors

For monitoring your audio, the iRig Pro Duo I/O provides a headphone output and balanced line outputs.

- **Headphones:** Plug your headphones into the 1/8" (3.5mm) headphone jack on the side of the unit.
- **Studio Monitors:** Connect your studio monitors to the two balanced 1/4" TRS outputs (Left and Right) on the back of the unit.

Figure 4: Side view showing the headphone output and direct monitor switch.

Figure 5: Back view showing MIDI In/Out and balanced line outputs.

4. OPERATING INSTRUCTIONS

4.1. Gain Control

Each input (1 and 2) has a dedicated gain knob on the top panel. Rotate these knobs clockwise to increase the input gain for your connected microphone or instrument. Adjust the gain to achieve an optimal signal level without clipping (distortion).

Figure 6: Top view highlighting the gain control knobs and LED indicators.

4.2. Phantom Power (48V)

For condenser microphones that require external power, activate the +48V phantom power switch located on the side of the unit. Ensure your microphone supports phantom power before enabling this feature.

4.3. Direct Monitoring

The direct monitor switch on the side of the unit allows you to hear your input signal directly through your headphones or monitors with zero latency. This is useful for monitoring your performance without delay from your recording software. Toggle the switch to 'ON' for direct monitoring or 'OFF' to monitor through your software.

4.4. MIDI Connectivity

The iRig Pro Duo I/O functions as a full-fledged MIDI interface. Use the included MIDI breakout cables to connect external MIDI devices (keyboards, controllers, drum machines) to the MIDI IN and MIDI OUT jacks on the back of the unit. This enables MIDI data transmission between your devices and your connected computer or mobile device.

5. MAINTENANCE

5.1. Cleaning

To maintain the longevity and appearance of your iRig Pro Duo I/O, regularly wipe the unit with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and internal components.

5.2. Storage

When not in use, store the iRig Pro Duo I/O in a cool, dry place away from direct sunlight and extreme temperatures. Disconnect all cables and remove AA batteries if the unit will not be used for an extended period to prevent battery leakage.

6. TROUBLESHOOTING

If you encounter issues with your iRig Pro Duo I/O, consider the following common solutions:

- **No Power:** Ensure the unit is properly connected via USB or that fresh AA batteries are installed. If using an optional PSU, verify it is correctly connected and functioning.
- **No Audio Input:** Check all cable connections (microphones, instruments, USB). Verify that the input gain knobs are turned up and that phantom power is enabled for condenser microphones if needed. Ensure the correct input is selected in your recording software.
- **No Audio Output:** Check headphone and monitor connections. Verify the volume controls on the iRig Pro Duo I/O and your connected device/software are not muted or too low. Ensure the correct output device is selected in your system's audio settings.
- **Distorted Audio:** Reduce the input gain to prevent clipping. Check for damaged cables.
- **MIDI Issues:** Ensure MIDI breakout cables are correctly connected (IN to OUT, OUT to IN). Verify MIDI settings in your software and on your MIDI device.
- **Software/Driver Issues:** Ensure you have the latest drivers installed for your operating system (Windows

requires a specific iRig audio driver). Check for software updates for your recording applications.

For further assistance, refer to the official IK Multimedia support resources online.

7. SPECIFICATIONS

Feature	Detail
Item Weight	7 ounces
Product Dimensions	5 x 2.95 x 1.46 inches
Item Model Number	IP-IRIG-PRODUOIO-IN
Batteries	2 AA batteries required (included)
Compatible Devices	Personal Computer, iOS, Android
Hardware Interface	Lightning, USB 2.0 Type A, USB 3.0 Type C
Supported Software	XP, Vista, Windows, MAC (requires iRig audio driver for Windows)
Size	2 channel
Battery Type	Alkaline
Operating System	Android, Windows, iOS, macOS
Power Source	Hand-operated (USB bus power, AA batteries, optional PSU)
Number of Channels	2

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, product registration, and technical support, please visit the official IK Multimedia website. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - IP-IRIG-PRODUOIO-IN

iRig PRO Universal Audio/MIDI Interface for iPhone, iPod touch, iPad and Mac QUICK START GUIDE GUIDE DE PRISE EN MAIN RAPIDE GUIA RAPIDA DE INICIO GUIA RAPIDA KURZANLEITUNG クイックスタートガイド 快速入門指南	[iRig PRO Universal Audio/MIDI Interface Quick Start Guide for iPhone, iPad, Mac](#) Get started quickly with the iRig PRO, a high-quality universal audio and MIDI interface for iPhone, iPod touch, iPad, and Mac. This guide covers setup, features, and troubleshooting for seamless mobile audio recording.
(red logo image) Made in Italy	[IK Multimedia iRig Pro Duo I/O Quick Start Guide](#) Quick start guide for the IK Multimedia iRig Pro Duo I/O, an audio and MIDI interface. Learn about connections, power, and LED indicators.
iRig Keys **2** Ultra-compact MIDI keyboard controller USER MANUAL English 日本語 Español	[IK Multimedia iRig Keys 2 User Manual: Ultra-compact MIDI Keyboard Controller](#) Discover the IK Multimedia iRig Keys 2, an ultra-compact MIDI keyboard controller. This user manual provides comprehensive setup, usage, and editing instructions for iOS, Mac, and Windows devices.
iRig Pro I/O Portable Audio/MIDI Interface for iOS, USB USER MANUAL	[IK Multimedia iRig Pro I/O User Manual: Portable Audio/MIDI Interface for iOS and USB](#) Comprehensive user manual for the IK Multimedia iRig Pro I/O, a portable audio and MIDI interface for iOS and USB devices. Learn about installation, setup, features, troubleshooting, and specifications.
iRig Keys **2** Ultra-compact MIDI keyboard controller USER MANUAL English 日本語	[iRig Keys 2: Ultra-Compact MIDI Keyboard Controller User Manual](#) Discover the IK Multimedia iRig Keys 2, an ultra-compact and versatile mobile MIDI keyboard controller. Compatible with iOS, Mac, and Windows, it offers intuitive features for musicians. This user manual provides comprehensive guidance on setup, operation, and customization.
iRig HD X Universal guitar interface USER MANUAL IK MULTIMEDIA	[iRig HD X Universal Guitar Interface User Manual](#) This user manual provides comprehensive instructions for the IK Multimedia iRig HD X, a universal guitar interface designed for iOS and Mac/PC. Learn about its features, setup, operation, and troubleshooting.