

## IK Multimedia IP-IRIG-STREAM-IN

# IK Multimedia iRig Stream User Manual

Model: IP-IRIG-STREAM-IN

Brand: IK Multimedia

## 1. INTRODUCTION

---

The IK Multimedia iRig Stream is a compact, high-quality stereo audio interface designed for musicians, podcasters, and content creators who want to stream or record audio from mixers, keyboards, DJ gear, and other line-level sources directly to their iPhone, iPad, Mac, or PC. It offers 24-bit, 96 kHz audio resolution, ensuring professional sound quality for all your live streams, podcasts, and recordings. With its versatile connectivity and intuitive controls, iRig Stream simplifies the process of integrating external audio into your mobile or desktop setup.



Figure 1.1: The IK Multimedia iRig Stream, a compact stereo audio interface.

## 2. PRODUCT OVERVIEW

---

The iRig Stream is engineered for ease of use and high performance. Below are its key features and components:

- **High-Quality Audio:** Supports 24-bit, 96 kHz audio resolution for pristine sound.
- **Stereo RCA Inputs:** Connects to line-level sources like mixers, DJ decks, and keyboards.
- **Headphone/Microphone Combo Jack:** Allows for direct monitoring and connection of a headset microphone for talk-back or vocals.
- **Direct Monitoring:** Monitor your audio in real-time with no latency.
- **Loopback Feature:** Mix your device's audio with the incoming signal for seamless integration.
- **Mono/Stereo Switch:** Provides flexibility for different streaming and recording scenarios.
- **Level Control with LED Indicators:** Easily set optimal input levels with visual feedback (Low, OK, High).
- **Universal Compatibility:** Works with iPhone, iPad, Mac, and PC via included USB-C, Lightning, and USB cables.

- **Power Options:** Powered by the connected device or via an optional external power supply (DC IN).



Figure 2.1: Detailed view of iRig Stream's inputs, outputs, and controls.



Figure 2.2: Close-up of the Headset/Phones and Mic gain controls on the side of the iRig Stream.



Figure 2.3: Close-up of the DC IN port, Loopback switch, and Mono switch on the side of the iRig Stream.

### 3. SETUP

---

Follow these steps to set up your iRig Stream:

1. **Connect to Host Device:** Use the appropriate cable (USB-C, Lightning, or USB-A) to connect the iRig Stream to your iPhone, iPad, Mac, or PC. The iRig Stream is typically powered by the host device. For extended sessions or if the host device cannot provide sufficient power, connect an optional 5V DC power supply to the "DC IN" port (Figure 2.3).
2. **Connect Audio Source:** Connect your line-level audio source (e.g., mixer, keyboard, DJ controller) to the "L INPUT R" RCA inputs on the iRig Stream (Figure 2.1). Ensure the cables are securely connected.
3. **Connect Headphones/Headset:** Plug your headphones or a headset (with a TRRS microphone) into the "HEADSET / PHONES" jack (Figure 2.1). This allows for direct monitoring of your audio.
4. **Adjust Mic Gain (if using headset mic):** If using a headset microphone, adjust the "MIC" gain control on the side of the iRig Stream (Figure 2.2) to an appropriate level.
5. **Select Mono/Stereo Mode:** Use the "MONO / ON" switch (Figure 2.3) to select between stereo input (switch OFF) or mono input (switch ON). For most music sources, stereo is preferred. For voice-only applications, mono might be suitable.
6. **Enable Loopback (Optional):** If you wish to mix the audio playing on your host device (e.g., background music from a streaming app) with the incoming audio from your RCA inputs, set the "LOOPBACK" switch to "ON" (Figure 2.3). Set to "OFF" if you only want to stream the incoming RCA audio.



Figure 3.1: Example setup with iRig Stream, mixer, and tablet.



Figure 3.2: iRig Stream facilitating live streaming for musicians.

## 4. OPERATING INSTRUCTIONS

---

Once connected, operating the iRig Stream is straightforward:

- **Adjusting Input Level:** Use the large "LEVEL" knob on the top of the iRig Stream (Figure 2.1) to adjust the overall input gain. Observe the "SIGNAL" LEDs:
  - **LOW (Red):** Signal is too low. Increase the level.
  - **OK (Green):** Optimal signal level. Aim for this.
  - **HIGH (Red):** Signal is too high, causing clipping. Decrease the level.

Adjust the knob until the "OK" (Green) LED illuminates consistently during the loudest parts of your audio. Avoid the "HIGH" (Red) LED to prevent distortion.

- **Monitoring Audio:** The "HEADSET / PHONES" jack provides direct monitoring of the audio being sent to your host device. This allows you to hear exactly what your audience will hear, without any latency.
- **Using Loopback:** When the "LOOPBACK" switch is ON, any audio playing on your connected device (e.g., music from Spotify, YouTube, or a backing track) will be mixed with the audio coming into the RCA inputs and sent to your streaming/recording app. This is ideal for playing music alongside your live performance or commentary.
- **Software Compatibility:** The iRig Stream is designed to work seamlessly with a wide range of audio and video applications on your connected device, including popular streaming platforms like Clubhouse, Instagram, Zoom, and many others. Simply select "iRig Stream" as your audio input device within your chosen application's settings.



Figure 4.1: iRig Stream in a multi-microphone setup for recording or streaming.



Figure 4.2: iRig Stream integrating a DJ setup with a mobile device for live streaming.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your iRig Stream, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Storage:** Store the iRig Stream in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Connectivity:** Always ensure cables are inserted and removed gently to prevent damage to the ports.

## 6. TROUBLESHOOTING

If you encounter issues with your iRig Stream, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
<b>No audio input detected.</b>	<p>Ensure iRig Stream is properly connected to your host device (iPhone, iPad, Mac, PC).            Verify that your audio source is connected to the RCA inputs and is powered on.            Check the "LEVEL" knob on the iRig Stream; increase it if the "LOW" LED is lit.            Confirm "iRig Stream" is selected as the audio input device in your streaming/recording application's settings.            Ensure the volume on your audio source is turned up.</p>
<b>Audio is distorted or clipping.</b>	<p>The "HIGH" LED is likely illuminated. Decrease the "LEVEL" knob on the iRig Stream.            Reduce the output volume from your audio source.</p>

Problem	Possible Cause / Solution
No sound from headphones.	Ensure headphones are fully plugged into the "HEADSET / PHONES" jack. Check the volume level on your headphones or the host device.
Loopback feature not working as expected.	Ensure the "LOOPBACK" switch is set to "ON". Verify that audio is playing on your host device.

## 7. SPECIFICATIONS

Detailed technical specifications for the IK Multimedia iRig Stream:

- **Item Weight:** 2.4 ounces
- **Product Dimensions:** 4.1 x 1.15 x 1.25 inches
- **Item Model Number:** IP-IRIG-STREAM-IN
- **Hardware Interface:** USB
- **Connectivity Technology:** RCA
- **Number of Channels:** 2 (Stereo)
- **Supported Software:** iPhone, iPad, Android, Mac/PC, Clubhouse, Instagram, Zoom, etc.
- **Operating System Compatibility:** Windows, macOS, iOS, Android
- **Audio Resolution:** Up to 24-bit, 96 kHz

## 8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your iRig Stream or visit the official IK Multimedia website. For technical support, product registration, and additional resources, please visit the IK Multimedia support page or contact their customer service directly.

You can find more information and support at the [IK Multimedia Store on Amazon](#).

© 2024 IK Multimedia. All rights reserved.

### Related Documents

	<p><a href="#">iRig HD X Universal Guitar Interface User Manual</a></p> <p>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.</p>
-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

 <p><b>iRig HD X</b> Universal guitar interface USER MANUAL</p>	<p><a href="#">iRig HD X Universal Guitar Interface User Manual</a></p> <p>User manual for the IK Multimedia iRig HD X, a universal guitar interface for iOS, Mac, and PC. Covers installation, features, modes like FX/THRU, Direct Monitoring, Loopback+, Tuner mode, troubleshooting, and specifications.</p>
 <p><b>iRig 2</b> Guitar interface USER MANUAL</p>	<p><a href="#">iRig 2 Guitar Interface User Manual</a></p> <p>User manual for the IK Multimedia iRig 2, a guitar interface for mobile devices. Learn about installation, setup, features, and specifications.</p>
 <p><b>iRig Mic HD2</b> Digital microphone for iOS, USB USER MANUAL</p>	<p><a href="#">IK Multimedia iRig Mic HD 2: Digital Microphone User Manual</a></p> <p>Comprehensive guide to the IK Multimedia iRig Mic HD 2 digital microphone, covering installation, setup, usage, and troubleshooting for iOS and Mac devices. Learn about its features, pickup patterns, and optimal gain settings.</p>