

## IK Multimedia iRig Mix

# IK Multimedia iRig Mix DJ-style mixer for smartphones and tablets - Silver User Manual

Model: iRig Mix | Brand: IK Multimedia

## 1. INTRODUCTION

The IK Multimedia iRig Mix is an ultra-compact and portable DJ mixer designed for seamless integration with smartphones and tablets. It allows users to mix two stereo audio signals, apply crossfading, and control audio levels and equalization. Beyond DJ applications, it supports microphone and instrument inputs, making it versatile for various audio mixing needs, including small band setups and karaoke. This manual provides comprehensive instructions for setting up, operating, and maintaining your iRig Mix.

## 2. KEY FEATURES

- Two stereo inputs with independent gain, bass, treble, and volume controls.
- Independent cue system on each channel with LED indication and a channel cross-fader for smooth transitions.
- Dedicated input for instruments or microphones with volume control, compatible with iOS apps like AmpliTube and VocaLive.
- Stereo output via RCA connectors with master level control and LED meters for visual monitoring.
- High-quality, pristine sound reproduction.
- Headphone output for master or cue monitoring with independent volume control.
- Input switch to split Input 1 into dual-mono for use with DJ mixing applications on a single iOS device.

## 3. PACKAGE CONTENTS

Upon unboxing your iRig Mix, please ensure all components are present:

- iRig Mix unit
- 2 x RCA stereo cables
- 1 x 3.5mm stereo to 2 x RCA cable
- 1 x Micro-USB to USB power cable
- Quick Start Guide

## 4. SETUP

### 4.1 Power Connection

Connect the supplied Micro-USB to USB cable to the DC IN port on the iRig Mix. Connect the other end to a USB power source (e.g., a USB wall adapter, computer USB port, or a portable USB power bank). The POWER LED will illuminate when the unit is powered on.

### 4.2 Audio Connections

The iRig Mix offers versatile connectivity for various audio sources and output devices.



Figure 1: Front panel overview of the iRig Mix, showing all controls and indicators.

### Input 1 & 2 (Stereo Inputs)

These inputs are designed for connecting two separate stereo audio sources, such as smartphones, tablets, MP3 players, or CD players. Use the provided 3.5mm stereo to 2x RCA cable or standard RCA cables depending on your source device.



Figure 2: The iRig Mix facilitating a dual iPad DJ setup, demonstrating its ability to mix audio from two separate iOS devices.



Figure 3: The iRig Mix connected to a portable CD player and an iPad, illustrating its flexibility with various audio sources.

### Input 3 (Instrument/Microphone Input)

This input allows you to connect a microphone or an electric instrument (like a guitar or bass) directly to the iRig Mix. This signal can then be processed by compatible iOS applications.



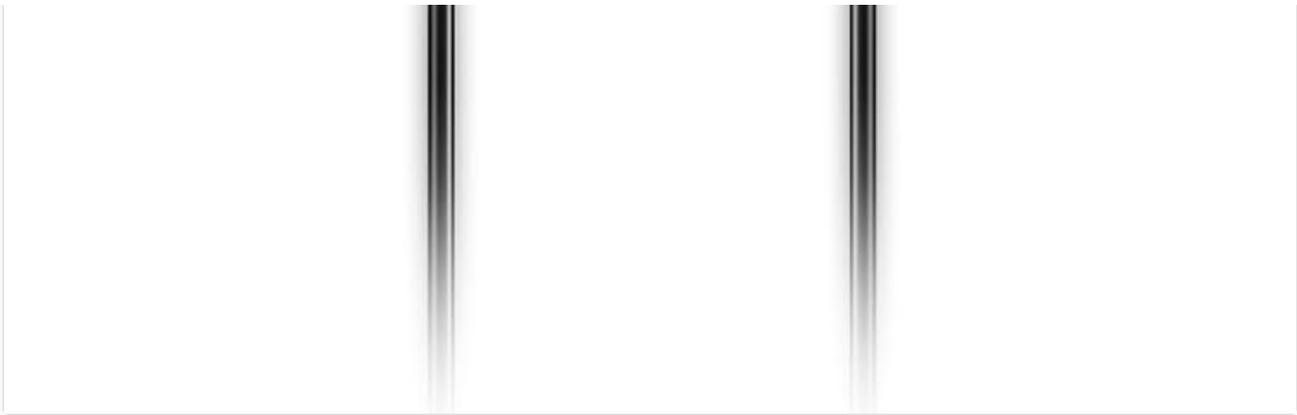


Figure 4: An electric guitar connected to the iRig Mix, with the output routed to an iPad running the AmpliTube app for effects processing.



Figure 5: A microphone connected to the iRig Mix, demonstrating its capability for vocal input and processing via a connected iPhone.

### Output (RCA Stereo Output)

Connect the RCA stereo output to your sound system, powered speakers, or amplifier. Ensure the volume on your output device is initially low to prevent sudden loud sounds.

### Headphone Output

Plug your headphones into the 3.5mm headphone jack for monitoring your mix or cueing tracks.

## 5. OPERATING INSTRUCTIONS

## 5.1 Controls Overview

Familiarize yourself with the various controls on the iRig Mix:

- **GAIN Knobs (1 & 2):** Adjust the input level for each channel.
- **TREBLE Knobs (1 & 2):** Adjust the high-frequency response for each channel.
- **BASS Knobs (1 & 2):** Adjust the low-frequency response for each channel.
- **MASTER Knob:** Controls the overall output volume of the mixer.
- **INPUT Switch:** Selects the input configuration. In the 'OFF' position, Input 1 and Input 2 are separate stereo inputs. In the 'ON' position, Input 1 is split into dual-mono for single-device DJ applications.
- **X-SYNC Switch:** Activates the X-SYNC feature for automatic beat matching with compatible IK Multimedia apps.
- **CUE Buttons (1 & 2):** Engage pre-listening for individual channels through the headphone output.
- **Channel Faders (1 & 2):** Control the volume of each channel.
- **Cross-fader:** Blends between Channel 1 and Channel 2.
- **POWER LED:** Indicates the unit is powered on.
- **CLIP LEDs:** Indicate when an input signal is too high, potentially causing distortion. Adjust GAIN to prevent clipping.

## 5.2 Basic Mixing Operation

1. Connect your audio sources to Input 1 and Input 2.
2. Connect your output system to the RCA OUT ports.
3. Adjust the GAIN knobs for each channel to achieve a healthy signal level without clipping (CLIP LEDs should not illuminate constantly).
4. Use the BASS and TREBLE knobs to shape the tone of each track.
5. Use the CUE buttons and headphone output to pre-listen to tracks before playing them live. Adjust the headphone volume with the dedicated knob.
6. Use the Channel Faders to control the individual volume of each track.
7. Use the Cross-fader to smoothly transition between Channel 1 and Channel 2.
8. Adjust the MASTER knob for the overall output volume.

## 5.3 Using with iOS Applications

The iRig Mix is designed to work seamlessly with various iOS applications. For DJing, IK Multimedia offers the free VDJ application. For instrument and vocal processing, apps like AmpliTube and VocaLive can be used with Input 3.



Figure 6: The iRig Mix connected to both an iPhone and an iPad, showcasing its ability to integrate with multiple mobile devices for a comprehensive DJ setup.

## 6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using abrasive cleaners, solvents, or waxes.
- **Storage:** Store the iRig Mix in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the unit with care. Avoid dropping it or subjecting it to strong impacts.
- **Connections:** Always ensure cables are connected and disconnected gently to prevent damage to the ports.

## 7. TROUBLESHOOTING

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

- **No Power:** Ensure the Micro-USB cable is securely connected to both the iRig Mix and a working USB power source. Check if the power source is active.
- **No Sound Output:**
  - Verify all audio cables are correctly connected to the inputs and outputs.
  - Check that the MASTER volume knob is turned up.
  - Ensure the Channel Faders are raised and the Cross-fader is not fully biased to an inactive channel.
  - Confirm that your audio sources (smartphones, tablets) are playing sound and their volume is turned up.
  - Check the volume level on your connected sound system/speakers.
- **Distorted Sound / Clipping:**

- Reduce the GAIN knobs for the input channels. The CLIP LEDs should only flash occasionally on peaks, not stay lit.
- Lower the volume on your source devices.
- Reduce the MASTER volume.

- **Headphone Monitoring Issues:**

- Ensure headphones are fully plugged in.
- Check the headphone volume knob.
- Verify the CUE buttons for the desired channels are engaged.

- **Fader Feels Stiff or Inaccurate:** This can sometimes occur with compact mixers. Ensure the fader is clean and free of debris. If the issue persists and affects performance, contact customer support.

- **Compatibility with Android Devices:** While primarily designed for iOS, many Android devices can work with the iRig Mix. Ensure your Android device supports audio output via its headphone jack and consider using compatible third-party DJ or audio apps.

If these steps do not resolve your issue, please refer to the support section or visit the IK Multimedia website for further assistance.

## 8. SPECIFICATIONS

Specification	Value
Item Weight	0.65 Pounds (10.4 ounces)
Product Dimensions	8.5 x 2.5 x 4.5 inches
Item Model Number	iRig Mix
Color Name	Silver
Compatible Devices	Tablet, Smartphone
Connector Type	RCA
Hardware Platform	Tablet, Smartphone
Operating System	iOS (compatible with many Android devices)
Power Source	Electric (via Micro-USB)
Number of Channels	2
First Available Date	February 14, 2012

## 9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your purchase or visit the official IK Multimedia website. IK Multimedia provides customer support and resources for their products.

**Official Website:** [Visit the IK Multimedia Store on Amazon](#)

For technical support, product registration, and software updates, please visit the support section of the IK

Documents - IK Multimedia – iRig Mix



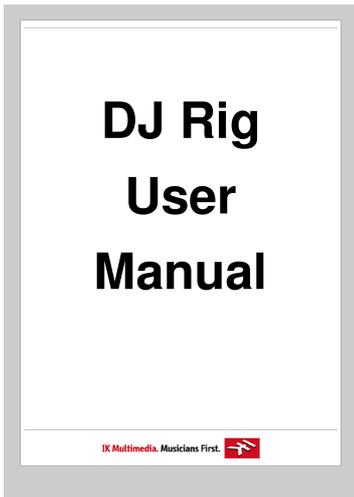
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 CUE LED iRig MIX 12.INPUT SWITCH 13.X-SYNC iRig Mix DJ Rig /ON X-SYNC DJ  
 Rig X-SYNC /OFF / AmpliTube VocaLive 6. 7. CR...  
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Manual User DJ Rig IK Multimedia Audio Setup provides several audio configurations to work with many  
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**iRig MIX**  
mobile mixer for iPhone, iPod touch, iPad

**The Ultra Compact DJ mixer for iPhone, iPod touch, iPad**

**Its Acoustic, BlueBoard HD**

After more than 18 months of development for iPhone, iPod touch, and iPad, the Ultra Compact DJ mixer is now available for all devices. It's the most compact DJ mixer ever, and it's the most powerful. It's the most powerful because of its unique design. It's the most powerful because of its unique design. It's the most powerful because of its unique design.




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**IK Multimedia Product Warranty**



For detailed warranty information, please refer to the PDF documents at the bottom of this page.

**Before requesting warranty service, we strongly recommend that you:**

- 1) Visit the [FAQ Pages](#). Most common problems can be easily solved by consulting the FAQ Pages. Please take a look here before contacting Tech-Support.
- 2) Contact [IK Tech-Support](#) if you can't find an answer to your problem on the FAQ pages.

**To obtain warranty service, you must:**

- 1) Be the original purchaser who bought from an authorized dealer/reseller and register your product within 15 (fifteen) days of purchase.
- 2) Call the Numbers below during the warranty period to obtain a Return Authorization number and shipping instructions.
- 3) Ship the product as instructed to one of the addresses below. Do NOT send the product to your dealer, including the **Product Return** forms available for download at the bottom of this page and a copy of your proof of purchase.

**Europe**  
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Fax: +39 059 281671

**US, Canada, Central and South America**  
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1155 Sawgrass Corporate Pkwy  
Sunrise, FL 33323  
Phone: (954) 848-9101

[pdf] Instructions Frequently Asked Questions Warranty

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**IK Multimedia, Musicians First.**



**PRESS RELEASE**

**IK Multimedia's GrooveMaker® 2 is now available for Android devices**

The revolutionary remixing app that allows anyone to make non-stop mixes in real-time and sound like a professional DJ is now available for Android devices



**January 15, 2015** - IK Multimedia, the leader in mobile music creation technology, is pleased to announce that **GrooveMaker® 2**, its revolutionary remixing app, is now available for Android devices. With a full spread of features and an intuitive interface, GrooveMaker 2 lets Android smartphone and tablet users make non-stop electronic dance mixes in real-time and sound like a professional DJ.

**Remixing redefined on Android**  
IK Multimedia's history as a pioneer of the computer music industry dates back for 19 years when it released its first music software, GrooveMaster. History was made again when GrooveMaker made its debut on the App Store® as one of the first real-time audio apps for iPhone and iPad. Now with nearly 2 million downloads on iOS, GrooveMaker will help music fans make music with their Android devices anywhere in the world, regardless of skill level.

**Now available for smartphones and tablets running Android 4.1 and above, GrooveMaker 2 lets users manipulate pre-arranged sets of loops in real-time - just like a DJ or live electronic music performer - thanks to its patented groove generator technology. These loops have been created to always sound good together, and they encompass virtually every style and sound imaginable.**

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Pataphor IK Multimedia s GrooveMaker® 2 is now available for Android devices Jan 15 2015 ·

GrooveMaker also lets users import their own sounds and loops directly from music library its editing auto sync features allow groovemaker android srsltid AfmBOookoQP

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**IK Multimedia, Musicians First.**



**PRESS RELEASE**

**FOR IMMEDIATE RELEASE**

**DJ Rig FREE App for iPhone Now Available on iTunes from IK Multimedia**

The pro-quality DJ app is now also available for free

**April 2012, Modena, Italy** - IK Multimedia is proud to announce that **DJ Rig™ FREE**, a free version of its pro-quality DJ mixing app for iPhone, is now available in the iTunes App Store.

DJ Rig FREE is the perfect companion for the soon to be released **iRig™ MIX** portable DJ mixer for iPhone, iPod touch and iPad and together they provide the most portable and innovative setup for mobile DJs and musicians using iOS devices.

DJ Rig FREE offers double-deck DJ mixing with instant song playing from the device's music library, with automatic tempo sync and, for the first time on an iOS app, beat matching, allowing anyone to perfectly synchronize any song just like a pro DJ - but with just one touch of a button.



[pdf] Press Release

DJ Rig Free PR FREE App for iPhone Now Available on iTunes from IK store is the perfect companion soon to be released iRig™ MIX portable mixer iPod touch and iPad together they provide the most portable and innovative setup for mobile DJs and musicians using iOS devices

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PRESS RELEASE FOR IMMEDIATE RELEASE DJ Rig FREE App for iPhone Now Available on iTunes from IK Multi ... iple 4 visual cue-points. Most notably, DJ Rig also includes X-Sync. This feature, when used with iRig Mix, unlocks the full capability of the iRig DJ system. For the first time it is now possible f...

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