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RGBlink RGBLINK

RGBlink Mini v2 Video Mixer Switcher User Manual

Model: RGBLINK (mini v2)

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your RGBlink Mini v2 Video Mixer Switcher. The Mini v2 is designed for live video production, offering seamless switching between multiple HDMI sources and direct streaming capabilities.



Figure 1: Front view of the RGBlink Mini v2 Video Mixer Switcher, showing control buttons, fader, and integrated display.

2. PRODUCT FEATURES

- **4 HDMI Inputs:** Connect up to four 2K HDMI sources for multi-camera setups.

- **2K Input/Output:** Supports high-definition video signals.
- **USB 3.0 Output:** Functions as a webcam for direct streaming to various platforms (OBS, Vmix, social media).
- **Integrated Display:** 2.1-inch LCD for multi-view monitoring (PVW and PGM).
- **Transition Effects:** 14 built-in transition effects for professional scene changes.
- **Picture-in-Picture (PiP):** 9 customizable layouts for displaying multiple video feeds simultaneously.
- **Audio Management:** Supports audio embedding and de-embedding.
- **Remote Control:** Manage the switcher via PC or smartphone application using the LAN port.

3. SETUP GUIDE

3.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present and undamaged. If any items are missing or damaged, contact your vendor immediately.



Figure 2: Contents of the RGBlink Mini v2 package, including the switcher unit, power adapter, and USB cable.

3.2 Connecting Power

1. Connect the provided power adapter to the DC IN port on the rear of the RGBlink Mini v2.
2. Plug the power adapter into a suitable electrical outlet.
3. The device will power on automatically.

3.3 Connecting Video Sources

The RGBlink Mini v2 features four HDMI input ports (HDMI 1-4).

1. Connect your HDMI video sources (e.g., cameras, computers, gaming consoles) to the HDMI IN ports on the rear panel.
2. Ensure all cables are securely connected.

PLUG-AND PLAY USB3.0 LIVE STREAMING

4 HDMI inputs and 1 HDMI output, all of them support 2K



Figure 3: Diagram illustrating the connection of HDMI inputs, line input, USB 3.0 output to a computer, and HDMI output to a display.

3.4 Connecting Output Devices

1. **HDMI Output:** Connect an HDMI monitor or projector to the HDMI OUT port for program monitoring.
2. **USB 3.0 Output:** Connect the USB 3.0 port to your computer. The device will be recognized as a webcam, allowing integration with streaming software like OBS, vMix, or direct streaming to social media platforms.



Figure 4: Close-up view of the rear panel showing the LAN, USB 3.0, and audio input/output ports.

3.5 Audio Connections

The RGBlink Mini v2 supports external audio input and output.

- **Audio IN:** Connect an external audio source (e.g., microphone, audio mixer) to the 3.5mm Audio IN port.
- **Audio OUT:** Connect headphones or external speakers to the 3.5mm Audio OUT port for monitoring.

4. OPERATING INSTRUCTIONS

4.1 Front Panel Overview

Flexible Control panel

Easy switch and stream

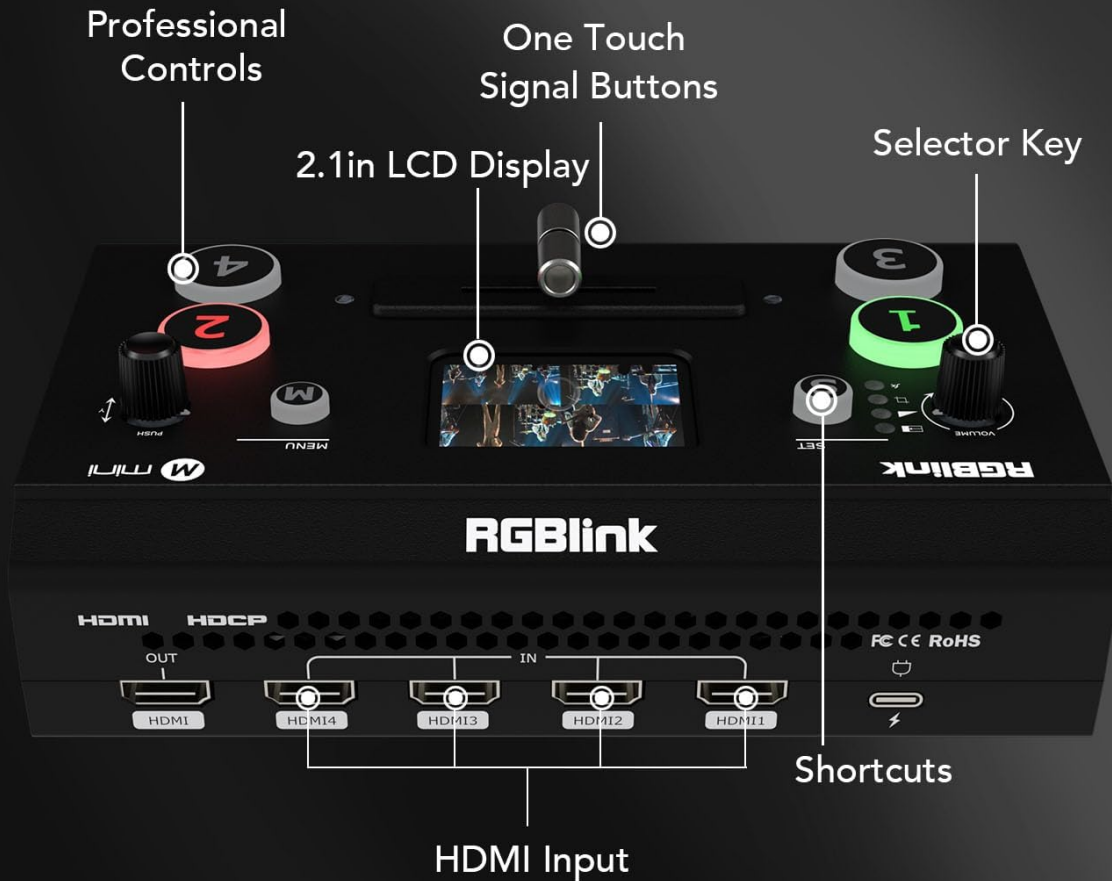


Figure 5: Detailed view of the RGBlink Mini v2 control panel, highlighting the 2.1-inch LCD display, signal buttons (1-4), volume knob, menu button, and selector key.

- **Signal Buttons (1-4):** Select input sources for preview (green) and program (red).
- **T-Bar Fader:** Manually transition between preview and program outputs.
- **Volume Knob:** Adjust audio levels.
- **MENU Button:** Access device settings and options.
- **Selector Key (Push/Rotate):** Navigate menus and confirm selections.

4.2 Switching Video Sources

1. Press one of the numbered buttons (1-4) to select an input for the **Preview (PVW)** output. The button will illuminate green.
2. Press another numbered button (1-4) to select an input for the **Program (PGM)** output. This button will illuminate red.
3. To transition the Preview source to the Program output, use the T-Bar fader or press the "CUT" or "MIX" buttons (if available on the physical unit or via software control).



Figure 6: The multi-view display showing four input sources, with the Program (PGM) and Preview (PVW) outputs highlighted.

4.3 Applying Transition Effects

The RGBlink Mini v2 supports 14 different transition effects.

1. Access the transition effects menu via the device's menu system or connected control software.
2. Select your desired transition effect (e.g., CUT, FADE, WIPE patterns).
3. Execute the transition using the T-Bar fader or dedicated transition buttons.



Figure 7: On-screen display showing various transition effect options like CUT, FADE, and different wipe patterns.

4.4 Using Picture-in-Picture (PiP)

The device offers 9 picture-in-picture layouts.

1. Navigate to the PiP settings in the menu.
2. Select one of the available layouts.
3. Assign input sources to the main and inset windows as required.



Figure 8: Display showing various Picture-in-Picture (PiP) layout options, allowing for multiple video feeds to be displayed simultaneously.

4.5 Remote Control via PC/App

The RGBlink Mini v2 can be controlled remotely.

1. Connect the LAN port of the Mini v2 to your network.
2. Download the RGBlink control application for your smartphone or PC.
3. Follow the application's instructions to connect to and control your switcher.

Control by PC or APP

Download the App on smart phone or connecting the Lan port to the computer, can remotely control switcher, the operation is same as the switcher.



Figure 9: Screenshots of the RGBlink control application interface on a smartphone, demonstrating remote control capabilities for the switcher.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal performance and appearance, regularly clean the device.

- Ensure the device is powered off and disconnected from all power sources before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces.
- For stubborn marks, a slightly damp cloth with a mild, non-abrasive cleaner can be used, followed by a dry cloth.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the finish.

5.2 Storage

When not in use for extended periods, store the RGBlink Mini v2 in a cool, dry place, away from direct sunlight and

extreme temperatures. Use original packaging or a protective case to prevent dust accumulation and physical damage.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your RGBlink Mini v2. For problems not covered here, please refer to the support section.

6.1 No Video Output

- **Check Connections:** Ensure all HDMI cables are securely connected to both the input sources and the output display.
- **Verify Input Selection:** Confirm that the correct input source is selected on the RGBlink Mini v2 and that it is set to Program (red button).
- **Source Compatibility:** Ensure your input sources are outputting a compatible resolution (up to 2K).
- **Power Cycle:** Power off the RGBlink Mini v2 and all connected devices, then power them back on.

6.2 No Audio

- **Check Audio Cables:** Verify that external audio devices are correctly connected to the Audio IN/OUT ports.
- **Adjust Volume:** Ensure the volume knob on the Mini v2 is not set to minimum and that audio levels are adjusted on connected devices.
- **Audio Embedding/De-embedding:** Check the audio settings in the device menu to ensure audio is being correctly processed from the desired source.

6.3 Remote Control Issues

- **Network Connection:** Ensure the LAN cable is properly connected and the Mini v2 is on the same network as your control device (PC/smartphone).
- **App/Software Version:** Verify that you are using the latest version of the RGBlink control application or software.
- **Firewall Settings:** Check firewall settings on your PC if using software control, as it might be blocking communication.

7. SPECIFICATIONS

Feature	Detail
Model Number	RGBLMINI
Product Dimensions	5.85 x 10.1 x 3.45 inches
Item Weight	2.25 pounds
HDMI Inputs	4 (2K resolution support)
HDMI Output	1 (2K resolution support)
USB Output	USB 3.0 (Webcam functionality)
Audio Ports	3.5mm Audio IN, 3.5mm Audio OUT
Control Interface	Front panel buttons, T-Bar, LAN (for remote control)

Feature	Detail
Transition Effects	14 types
Picture-in-Picture	9 layouts
Compatible Devices	Cameras, Personal Computers

8. WARRANTY AND SUPPORT

8.1 Warranty Information

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official RGBlink website. Keep your proof of purchase for warranty claims.

8.2 Technical Support



If you encounter any issues or have questions regarding the RGBlink Mini v2, please contact RGBlink customer support. Support resources, including FAQs and software updates, may also be available on the official RGBlink website.





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Related Documents - RGBLINK

	<p>RGBlink mini-edge User Manual: Comprehensive Guide to Live Video Production</p> <p>Explore the features and operation of the RGBlink mini-edge, a versatile all-in-one video mixer and switcher. This user manual covers installation, setup, advanced features like PTZ control and multi-layer overlay, and streaming capabilities.</p>
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 <p>mini-mx User Manual RGBlink</p>	<p>RGBlink mini-mx User Manual: Comprehensive Guide to Video Mixing and Streaming</p> <p>Explore the RGBlink mini-mx, an all-in-one streaming video mixer. This user manual provides detailed instructions on setup, operation, features, and troubleshooting for professional multi-source video productions and live streaming.</p>
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