

SPROLINK NeoLIVE R5

SPROLINK NeoLIVE R5 User Manual

Fully Upgraded Multi-Functional Live Streaming Video Mixer Switcher

1. INTRODUCTION

The SPROLINK NeoLIVE R5 is a powerful and versatile multi-functional live streaming video mixer switcher designed for professional and amateur content creators. It integrates multiple features into a compact unit, allowing for seamless video switching, audio mixing, and direct streaming capabilities. This manual provides detailed instructions for setting up, operating, and maintaining your NeoLIVE R5 to ensure optimal performance.

2. KEY FEATURES

2.1 Multi-Functional Input

The NeoLIVE R5 features a multi-functional input that can directly play media video sources from a USB drive or connect to a UVC camera without converters. It also supports NDI, SRT, and RTMP protocols to stream remote video feeds into the switcher and use them as an input source, achieving local live streaming.

Multi-Functional Input

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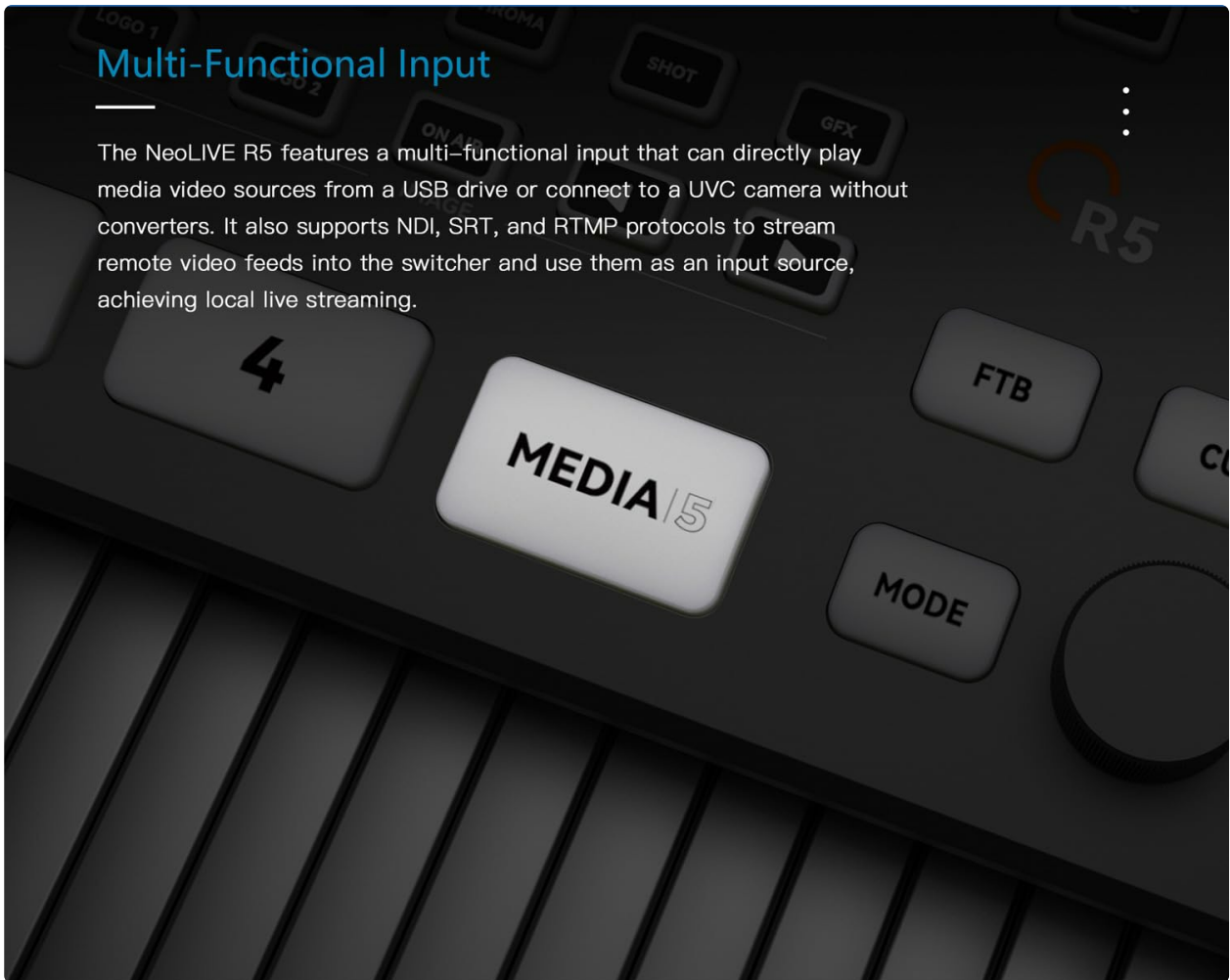


Image: Close-up of the 'MEDIA 5' button on the NeoLIVE R5, indicating its versatile input options.

Video: Demonstration of the multi-functional input capabilities of the NeoLIVE R5.

2.2 Multiple HDMI Inputs

The NeoLIVE R5 supports up to 4 HDMI inputs, allowing connection of multiple cameras or other HDMI sources for dynamic switching during live productions.



Image: The rear panel of the NeoLIVE R5, illustrating its four HDMI input ports.

Video: Visualizing the 4 HDMI input support for multiple cameras on the NeoLIVE R5.

2.3 USB Image Loading

Load images directly from a USB drive in JPG/PNG format for use as backgrounds, overlays, or other visual elements during your live stream.



Image: A USB drive connected to the NeoLIVE R5, showing its ability to load images.

Video: Illustrating the USB image load feature for JPG/PNG formats on the NeoLIVE R5.

2.4 Dual Channel Streaming via Ethernet & Wi-Fi

The NeoLIVE R5 includes a hardware streaming engine that supports live streaming via Ethernet or Wi-Fi without a computer. Users can stream by inputting RTMP code via the built-in web server to realize smooth and high-quality streams on platforms like TikTok & Facebook.

Dual Channel Streaming via Ethernet & Wi-Fi

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Image: The NeoLIVE R5 demonstrating dual channel streaming capabilities with a connected smartphone.

Video: Overview of dual channel streaming via Ethernet and Wi-Fi on the NeoLIVE R5.

2.5 USB Flash Disk and SD Recording

Record your live productions directly to a USB flash disk or SD card for easy archiving and post-production.

Video: Demonstrating the USB flash disk and SD recording functionality of the NeoLIVE R5.

2.6 Audio Input for Real-time Monitoring

Equipped with audio input ports for real-time monitoring, ensuring precise audio control during your live broadcasts.

Video: Highlighting the audio input capabilities for real-time monitoring on the NeoLIVE R5.

2.7 Dual HDMI Outputs for Monitoring

Utilize dual HDMI outputs for comprehensive monitoring of your program and preview feeds, enhancing your control over the live production.

Video: Demonstrating the dual HDMI outputs for monitoring on the NeoLIVE R5.

2.8 Equipped with Audio Mixer

The integrated audio mixer facilitates real-time audio mixing, allowing you to balance and adjust audio levels from various sources on the fly.

Video: Visualizing the audio mixer functionality for real-time mixing on the NeoLIVE R5.

2.9 Joystick Control PTZ Cameras

Supports control of up to five PTZ cameras via the integrated joystick, facilitating multi-camera switching and precise camera movements with ease.

Applications

E-commerce Live Streaming

NeoLIVE R5 is the best choice for e-commerce live streaming rooms. It supports multi-camera switching, capturing wide-angle or close-up shots between the host and the products. Its compact and portable design allows for flexible operation and switching in limited live streaming space.



Various Event Performances

The NeoLIVE R5 is portable and easy to carry allowing it to handle various events and performances. It has multiple built-in scene modes that can be easily recalled and saved. Additionally, you can copy the live production plans and recorded instructional videos to a USB drive or an external hard drive.



Business Presentation

In business meetings, NeoLIVE R5 can achieve multi-camera switching. The PTZ camera angle can be controlled and preset by joystick. One camera can be set for close-up shot, another for wide-angle shot, and an additional computer can be used for PPT presentation. The PIP feature can also be used to enhance the visual experience of business presentation.



Education and Training

NeoLIVE R5 support multi-camera setups and chroma key function to create virtual teaching scenes, meeting the needs of online education. Recorded instructional videos can be copied to a USB drive or an external hard drive.



Image: The joystick on the NeoLIVE R5, designed for controlling PTZ cameras.

Video: Demonstration of joystick control for PTZ cameras using the NeoLIVE R5.

2.10 Version Comparison (SDI vs. HDMI Input)

The NeoLIVE R5 comes in different versions, with key differences in input types. Version 1 features SDI inputs, while Version 2 is equipped with HDMI inputs, offering flexibility based on your existing equipment and workflow.

Video: Comparison between Version 1 (SDI Input) and Version 2 (HDMI Input) of the NeoLIVE R5.

2.11 Virtual Chroma Key Algorithm

Leverage the advanced virtual chroma key algorithm for professional-grade green screen effects, allowing you to seamlessly integrate subjects into virtual backgrounds.

Video: Demonstration of the virtual chroma key algorithm on the NeoLIVE R5.

2.12 Multiple Customized Transitions

Enhance your live production with a variety of customizable transition effects, providing smooth and dynamic changes between video sources.

Video: Showcasing multiple customized transition options available on the NeoLIVE R5.

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.
- Inspect the NeoLIVE R5 unit and accessories for any signs of physical damage. If any damage is found, contact customer support immediately.

3.2 Power Connection

1. Connect the provided DC 12V power adapter to the 'DC 12V IN' port on the rear of the NeoLIVE R5.
2. Plug the power adapter into a suitable power outlet.
3. The power indicator light on the unit should illuminate.

3.3 Video Input Connections

1. Connect your HDMI video sources (cameras, computers, etc.) to the 'HDMI IN 1' through 'HDMI IN 4' ports using high-quality HDMI cables.
2. For UVC camera input, connect the camera to the 'UVC' USB port.
3. For NDI/SRT/RTMP inputs, ensure your network is configured correctly and connect the NeoLIVE R5 to your network via the 'LAN' Ethernet port.

3.4 Video Output Connections

1. Connect your program monitor to the 'PGM' HDMI output port.
2. Connect your multiview or auxiliary monitor to the 'AUX' HDMI output port.

3.5 Audio Connections

1. Connect microphones or other audio sources to the 'MIC 1' and 'MIC 2' 3.5mm audio input jacks.
2. Connect headphones to the headphone jack for audio monitoring.

3.6 USB Storage Connection

- Insert a USB flash drive or SD card (via an adapter) into the 'USB' port for recording or loading images.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To power on, ensure the power adapter is connected and press the power button.
- To power off, press and hold the power button until the unit shuts down.

4.2 Input Selection

- Use the numbered buttons (1-4) to select the desired HDMI input for your program (PGM) output.
- Use the 'MEDIA' button to switch to media playback from USB.
- The 'AUX' button can be used to select a source for the auxiliary output.

4.3 Video Switching and Transitions

- The large 'T-Bar' fader allows for smooth manual transitions between selected sources.
- Use the 'CUT' button for an instant cut transition.
- The 'AUTO' button performs an automatic transition with a preset duration.
- Explore the 'EFFECT' section buttons (MIX, DIP, DVE) to apply various transition styles.

4.4 Audio Mixing

- Adjust the 'VOLUME' and 'SPEED' knobs to control audio levels and playback speed.
- Use the 'AUDIO' button to access the audio mixer interface on the connected monitor.
- Individually adjust audio levels for each input source.

4.5 PTZ Camera Control

- Connect compatible PTZ cameras to the network.
- Use the 'PTZ' button to enter PTZ control mode.
- Utilize the joystick to pan, tilt, and zoom the selected PTZ camera.
- Save and recall camera presets using the 'SET' and numbered 'SCENE' buttons.

4.6 Streaming and Recording

- To start streaming, configure your RTMP settings via the web interface and press the 'STREAM' button.
- To start recording, ensure a USB drive or SD card is inserted and press the 'REC' button.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the ventilation openings are clear and unobstructed to prevent overheating.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

- **Firmware Updates:** Periodically check the SPROLINK official website for firmware updates to ensure optimal performance and access to new features.

6. TROUBLESHOOTING

6.1 No Video Output

- Check all HDMI cable connections.
- Ensure the correct input source is selected.
- Verify that the monitor is powered on and set to the correct input.
- Try restarting the NeoLIVE R5 unit.

6.2 No Audio Output/Input

- Check all audio cable connections.
- Verify audio levels in the audio mixer interface.
- Ensure microphones are powered (if required) and functioning correctly.
- Check headphone connections and volume.

6.3 Streaming Issues

- Verify your internet connection and network settings.
- Double-check the RTMP server URL and stream key.
- Ensure sufficient upload bandwidth for your desired stream quality.
- Check the streaming platform's status.

6.4 Unit Not Responding

- Disconnect the power adapter, wait 10 seconds, and then reconnect it to perform a hard reset.
- If the issue persists, contact SPROLINK customer support.

7. SPECIFICATIONS

Specification	Value
Product Dimensions	9.6 x 4.7 x 1.9 inches
Weight	13.23 Pounds
Item Model Number	NeoLIVE R5
Batteries	1 Lithium Metal battery required (included)
Connector Type	HDMI, USB Type-C

Compatible Devices	Camcorder, Monitor
Cable Type	HDMI
Number of Ports	2 (HDMI Outputs)

8. APPLICATIONS

The SPROLINK NeoLIVE R5 is designed for a wide range of live video production scenarios, offering flexibility and professional features for various uses:

8.1 Various Events and Performances

Ideal for capturing and streaming live events such as concerts, theatrical performances, and public speaking engagements, ensuring high-quality video and audio production.

Video: The NeoLIVE R5 in use for various events and performances.

8.2 E-Sports Live Streaming

Perfect for e-sports enthusiasts and professionals, allowing for multi-camera setups to capture gameplay, player reactions, and commentary for engaging live streams.

Video: The NeoLIVE R5 facilitating e-sports live streaming.

8.3 Outdoor Live Streaming

Its portable design and robust features make it suitable for outdoor live streaming events, such as weddings, sports, and remote broadcasts, ensuring reliable performance in diverse environments.

Video: The NeoLIVE R5 used for outdoor live streaming scenarios.

8.4 Conference Presentation

Enhance professional presentations and conferences by seamlessly switching between speakers, presentation slides, and video clips, providing a polished and engaging experience for attendees.

Video: The NeoLIVE R5 in a conference presentation setting.

8.5 E-commerce Live Streaming

Perfect for e-commerce businesses looking to host interactive live shopping events, allowing for dynamic product demonstrations and engaging customer interactions.

Video: The NeoLIVE R5 used for e-commerce live streaming.

9. WARRANTY AND SUPPORT

9.1 Warranty Information





The SPROLINK NeoLIVE R5 comes with a 1-year limited warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or external causes such as power surges.



9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact SPROLINK customer support. Our professional aid group is available 24/7 to provide technical support and ensure your satisfaction.

- **Online Support:** Visit the SPROLINK official website for FAQs, drivers, and software downloads.
- **Email Support:** Refer to your product packaging or the SPROLINK website for the dedicated support email address.
- **Phone Support:** Contact numbers for regional support can be found on the SPROLINK website.

Related Documents - NeoLIVE R5

	<p>SPROLINK NeoLIVE R5SPRO: Professional Multi-Functional Live Streaming Switcher</p> <p>Discover the SPROLINK NeoLIVE R5SPRO, an advanced multi-functional live streaming switcher designed for professional multi-camera productions. It offers 8 input channels (4x SDI, 4x HDMI with 4K support), optional NDI input, dual channel RTMP streaming, robust audio mixing, and built-in recording capabilities.</p>
	<p>SPROLINK NeoLIVE R2 User Manual: Professional Live Streaming Switcher Guide</p> <p>Detailed user manual for the SPROLINK NeoLIVE R2, covering video and audio operations, panel descriptions, connection ports, and quick start guide for professional live streaming.</p>
	<p>SPROLINK NeoLIVE R2 PLUS User Manual: Professional Live Streaming Switcher Guide</p> <p>Explore the SPROLINK NeoLIVE R2 PLUS with this comprehensive user manual. Discover how to utilize its advanced features for professional live streaming, including multi-input support, audio control, PTZ camera integration, and creative transitions.</p>
	<p>NeoLIVE R2 PLUS User Manual</p> <p>User manual for the NeoLIVE R2 PLUS, a professional live streaming switcher with 4 HDMI inputs, 2 external audio inputs, and multiple output options. Learn about its features, operation, and system settings.</p>

	<p>SPROLINK NeoLIVE R5PRO Series User Manual & Product Specification</p> <p>This document provides a comprehensive user manual and product specification for the SPROLINK NeoLIVE R5PRO Series live streaming switcher. It details the device's features, local panel operations, menu functions including input/output configuration, effects, audio, media management, PTZ camera control, and system settings, designed for professional live streaming applications.</p>
	<p>SPROLINK NeoLIVE R5PRO Series User Manual and Product Specification</p> <p>Comprehensive user manual and product specification for the SPROLINK NeoLIVE R5PRO Series live streaming switcher, detailing its features, operations, and system settings.</p>

Documents - SPROLINK – NeoLIVE R5



[\[pdf\]](#) User Manual Specifications

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NeoLIVE R5S User Manual PRODUCT SPECIFICATION V1.0 [www.sprolink.cn](#)

1.Quick Start 1.1 Overview.... e the audio. Adjust the main output audio DELAY
Adjust the audio monitoring channel Front panel of **Neolive R5S** CUT: Enables a cut
from PST to PGM Auto: Enables a transition effect from PST to PGM FT...

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[SPROLINK NeoLIVE R5SPRO: Professional Multi-Functional Live Streaming Switcher](#)

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