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› SPROLINK NeoLIVE R5PRO Professional Live Streaming Switcher User Manual

SPROLINK NeoLIVE-R5PRO

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Model: NeoLIVE-R5PRO

PRODUCT OVERVIEW

The SPROLINK NeoLIVE R5PRO is an advanced multi-functional broadcast switcher designed for professional live streaming. It features a built-in 5.5-inch screen with landscape and portrait switching capabilities, making it versatile for various applications. The device includes five input channels, with two supporting 4K resolution, and offers a multi-view combination transition effect. Key features include Lower Third dynamic overlay with MV preview output, in-house recording, seamless switching between vertical and horizontal screens, and a built-in hardware streaming engine for high-quality multi-camera production and multi-platform online streaming.



Figure 1: Front view of the SPROLINK NeoLIVE R5PRO switcher, showing the control panel and integrated screen.

SETUP AND CONNECTIONS

This section details the physical setup and connection procedures for the NeoLIVE R5PRO switcher.

Power Connection

Connect the provided 12V DC power adapter to the "DV 12V" input port on the rear of the unit. Ensure the power source is stable before powering on the device.

Input Connections

The NeoLIVE R5PRO offers versatile input options:

- **HDMI Inputs:** Connect up to four HDMI sources. HDMI IN 1 and HDMI IN 2 support 4K resolution. HDMI IN 3 and HDMI IN 4 support standard HD resolutions.
- **SDI Inputs:** The device includes four 3G-SDI interfaces for professional video sources.
- **USB-A & USB3.0:** Utilize these ports for lossless capture from UVC cameras or other USB devices.
- **LAN Port:** Connect to a network for remote camera access via NDI, SRT, or RTMP protocols, and for built-in hardware streaming.
- **Microphone Inputs:** Two 3.5mm microphone inputs (MIC 1, MIC 2) are available for external audio sources.



Figure 2: Rear view of the NeoLIVE R5PRO, highlighting the various input and output ports.

Output Connections

The switcher provides multiple output options for monitoring and program distribution:

- **Dual HDMI Outputs:** Two HDMI output ports are available. These can be configured for PGM (Program) output, MV (Multi-View) output, or AUX output, allowing for flexible multi-screen monitoring setups.
- **Phone Output:** A 3.5mm headphone jack for real-time audio monitoring.

OPERATING INSTRUCTIONS

This section covers the operational aspects of the NeoLIVE R5PRO, from input selection to live streaming and recording.

Input Selection and Switching

The device allows selection of any four active input channels from the eight available (4x 3G-SDI, 4x HDMI). Use the numbered buttons (1, 2, 3, 4) on the control panel to select the desired input source for the program output. The integrated 5.5-inch screen provides a multi-view display of all active inputs and the program output.

Transition Effects

The NeoLIVE R5PRO supports various transition effects, including FADE and WIPE. These effects can be applied during switching between input sources. The duration of these transitions can be adjusted from 0.5 to 1.5 seconds using the dedicated controls.

Live Streaming and Recording

The built-in hardware streaming engine enables direct live streaming via Ethernet. To initiate streaming, connect the device to your network via the LAN port and input the RTMP code into the device's built-in web server. This allows for smooth streaming to popular platforms such as TikTok and YouTube.

For recording, the device supports direct recording to a connected USB drive or external hard disk. This feature is ideal for post-production editing and archiving of your content.

Audio and Video Management

- **Media Import:** JPG and PNG images can be imported via USB for use as graphics or overlays.
- **Audio Mixer:** The integrated mixer supports AFV (Audio-Follow-Video) and MIX modes, allowing for comprehensive control over HDMI embedded audio and external audio inputs.
- **Audio Monitoring:** Real-time audio monitoring is available through the dedicated phone output.
- **Keying:** Utilize the movie-grade keying algorithms for professional-grade chroma key effects.

Advanced Features

- **PTZ Camera Control:** Control up to five PTZ cameras using the integrated joystick for multi-angle switching and precise camera movements.
- **Screen Orientation:** Seamlessly switch between horizontal and vertical screen orientations to adapt to different content formats and platforms.
- **Lower Thirds:** Dynamically superimpose Lower Third graphics for professional titling and information display.
- **SUPER SOURCE:** Integrate multiple input sources into a single composite output using the SUPER SOURCE feature.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your SPROLINK NeoLIVE R5PRO.

- **Cleaning:** Regularly wipe the exterior of the unit with a soft, dry cloth. For the screen, use a microfiber cloth specifically designed for electronics. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings on the sides and rear of the unit are not obstructed to prevent overheating.
- **Storage:** When not in use for extended periods, store the switcher in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Management:** Periodically check all connected cables for wear and tear. Ensure connections are secure to prevent signal loss or damage.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your NeoLIVE R5PRO.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cable not connected; Power adapter faulty; Power outlet issue.	Ensure power cable is securely connected. Test with a different power outlet. Contact support if adapter is suspected faulty.
No video input signal	Incorrect cable connection; Source device not powered on; Incorrect input selected; Resolution incompatibility.	Check all HDMI/SDI cable connections. Ensure source device is on and outputting video. Select the correct input channel on the switcher. Verify source resolution is supported (e.g., 4K on HDMI 1/2 only).
No audio output	Audio settings incorrect; External audio not connected; Volume too low.	Check audio mixer settings (AFV/MIX modes). Ensure external microphones are properly connected and powered. Adjust volume levels.
Streaming issues (buffering, disconnection)	Poor network connection; Incorrect RTMP settings; Server issues.	Verify network cable connection and internet speed. Double-check RTMP URL and stream key. Contact your streaming platform support if server issues are suspected.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1.93"D x 10.28"W x 5.67"H (4.9cm D x 26.1cm W x 14.4cm H)
Item Weight	4.41 pounds (2.0 kg)
Model Number	NeoLIVE-R5PRO
Brand	SPROLINK
Color	Black
Connector Type	HDMI
Number of Ports	11 (various inputs/outputs)
Batteries	1 Lithium Metal battery required (included)
Manufacturer	SPROLINK

WARRANTY AND SUPPORT

SPROLINK is committed to providing excellent customer service and support for your NeoLIVE R5PRO.

- **Warranty:** The SPROLINK NeoLIVE R5PRO comes with a 1-Year Warranty from the date of purchase. Please retain your proof of purchase for warranty claims.
- **Customer Support:** SPROLINK offers 24/7 customer support. A professional aid group and technical support are available to assist with any inquiries or issues you may encounter.



Figure 3: SPROLINK Customer Support information, highlighting warranty and support services.

For further assistance, please visit the official SPROLINK website or contact their customer service directly. Contact information can typically be found on the product packaging or the SPROLINK brand store on Amazon.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

