

JSAUX HB1201S

JSAUX 12-in-1 RGB Docking Station User Manual

Model: HB1201S

PRODUCT OVERVIEW

The JSAUX 12-in-1 RGB Docking Station (Model HB1201S) is designed to expand the connectivity and enhance the gaming experience for portable gaming consoles such as the Steam Deck (OLED), ROG Ally, Legion Go, and MSI Claw. This docking station features multiple ports for video output, data transfer, network connectivity, and power delivery, along with customizable RGB lighting.

12-IN-1 RGB DOCKING STATION



Image: Overview of the JSAUX 12-in-1 RGB Docking Station, highlighting its various ports and features including Gigabit Ethernet, USB C PD (100W), USB A 3.2 (10Gbps), DisplayPort 1.4 (4K@120Hz), HDMI 2.1 (4K@120Hz), SD card slot, TF card slot, USB C 3.2 (10Gbps, no video output), IN: USB C (HOST), Retractable Stand, RGB Touch Switch, 3.5mm audio interface, USB A 2.0 (480Mbps), and RGB Light Strip.

PACKAGE CONTENTS

- JSAUX 12-in-1 RGB Docking Station (HB1201S)
- USB-C to USB-C Host Cable

- User Manual



Video: A person unboxes the JSAUX RGB Docking Station, showing the purple transparent dock and the included USB-C to USB-C cable. This video demonstrates the physical contents of the product packaging.

SETUP INSTRUCTIONS

1. **Power Connection:** Connect a 100W Power Delivery (PD) charger (not included) to the USB-C PD port on the docking station.
2. **Host Device Connection:** Use the provided USB-C to USB-C cable to connect your gaming console (Steam Deck, ROG Ally, Legion Go, etc.) to the 'IN: USB C (HOST)' port on the docking station.
3. **Display Connection:**
 - For single display: Connect your monitor or TV to either the HDMI (4K@120Hz) or DisplayPort (4K@120Hz) output.
 - For dual display: Connect two monitors using both the HDMI and DisplayPort outputs. Note that dual-screen support maxes out at 4K@60Hz or 2K@120Hz.

HDMI Output 4K@120Hz HDR

HDMI and DisplayPort for Seamless Dual-Monitor Setup



Image: A Steam Deck is shown docked and connected to two external monitors, demonstrating the dual display output capability via HDMI and DisplayPort.

4. **Ethernet Connection:** For a stable wired internet connection, connect an Ethernet cable to the Gigabit Ethernet port on the docking station.
5. **USB Peripherals:** Connect your USB devices (keyboard, mouse, external drives, etc.) to the available USB A 3.2 (10Gbps), USB C 3.2 (10Gbps), or USB A 2.0 (480Mbps) ports.
6. **Audio Output:** Connect headphones or external speakers to the 3.5mm audio jack for audio output.
7. **Memory Cards:** Insert SD or TF cards into their respective slots for data access. Note: Simultaneous reading of SD and TF cards is not supported.

RGB Lighting Modes

The docking station features six dynamic RGB lighting modes. You can cycle through these modes or turn the lighting on/off using the top-mounted touch switch. For custom lighting control, connect the USB-C upstream port to a PC and use OpenRGB software.

- Direct
- Breathing
- Rainbow Wave
- Spectrum Cycle
- Race Cycle
- Stacking

6 RGB Lighting Modes

Increase game experience



Direct

Breathing

Rainbow Wave

Spectrum Cycle

Race Cycle

Stacking

① NOTE: Long-press to turn ON/OFF ① Powered by OpenRGB

Image: The JSAUX RGB Docking Station is shown with a Steam Deck, illustrating six different RGB lighting modes: Direct, Breathing, Rainbow Wave, Spectrum Cycle, Race Cycle, and Stacking. Instructions for turning on/off and OpenRGB software are also visible.

Advanced Display Features

The HDMI and DisplayPort outputs support 4K@120Hz with advanced features for an enhanced visual experience:

- **Variable Refresh Rate (VRR):** Synchronizes display refresh rate with the console's frame rate to eliminate screen tearing and stuttering.

- **Auto Low Latency Mode (ALLM):** Automatically switches the display to a low-latency mode for smoother gaming.
- **High Dynamic Range (HDR):** Provides a wider range of colors and contrast for more vibrant and realistic images.

Immersion Experience

Upgraded HDMI technology for optimal gaming experience



Image: A person is shown playing a video game on a large curved monitor, with the JSAUX docking station connected to a handheld console. The image highlights features like VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), HDR (High Dynamic Range), and QFT (Quick Frame Transport) for an immersive experience.

Data Transfer and Charging

The docking station offers high-speed data transfer and efficient power delivery:

- **Data Transfer:** USB A 3.2 and USB C 3.2 ports support data transfer speeds up to 10Gbps.
- **Power Delivery:** The USB C PD 3.0 port supports up to 100W fast charging for your connected console or other compatible devices.



Image: The JSAUX docking station is shown with multiple USB cables connected, emphasizing the 10Gbps data transfer speed of its USB 3.2 ports.

To ensure the longevity and optimal performance of your JSAUX 12-in-1 RGB Docking Station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the official JSAUX website for any available firmware updates. Keeping the firmware updated can improve compatibility and performance.
- **Handle with Care:** Avoid dropping the device or subjecting it to strong impacts.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No video output or flickering screen	Loose cable connection, incompatible display settings, power issue.	Ensure all cables (USB-C host, HDMI/DisplayPort, power) are securely connected. Check your console's display settings and the monitor's input source. Verify the power adapter provides sufficient wattage (100W PD recommended). Try a different HDMI/DisplayPort cable.
USB devices not recognized	Loose connection, device driver issue, power limitation.	Reconnect the USB device. Ensure your console's drivers are up to date. If using multiple high-power USB devices, ensure adequate power is supplied to the dock.
Ethernet connection not working	Loose cable, network configuration, driver issue.	Check the Ethernet cable connection. Verify network settings on your console. Ensure the console's network drivers are updated.
Charging is slow or not working	Insufficient power adapter, faulty cable.	Use a 100W Power Delivery (PD) charger. Ensure the USB-C PD cable is functioning correctly.
RGB lighting not functioning	Lighting off, software issue.	Press the top-mounted touch switch to cycle through modes or turn on/off. If using OpenRGB, ensure the software is correctly configured and the dock is connected to a PC.
VRR/ALLM/HDR not working	Display incompatibility, console settings.	Ensure your connected display (monitor/TV) supports VRR, ALLM, and HDR. Verify these features are enabled in your console's display settings.

SPECIFICATIONS

Feature	Detail
Model	HB1201S
Dimensions	3.62"L x 5.9"W x 1.11"H (9.19 x 14.99 x 2.82 cm)
Weight	15.2 ounces (0.43 kg)
Ports	12 Total
Video Output	1x HDMI 2.1 (4K@120Hz), 1x DisplayPort 1.4 (4K@120Hz)
USB Ports	2x USB A 3.2 (10Gbps), 1x USB C 3.2 (10Gbps, no video output), 1x USB A 2.0 (480Mbps)
Power Delivery	1x USB C PD 3.0 (up to 100W)
Ethernet	1x Gigabit Ethernet (1Gbps)
Audio	1x 3.5mm Audio Jack
Card Readers	1x SD Card Slot (480Mbps), 1x TF Card Slot (480Mbps)
Compatible Devices	Valve Steam Deck, Steam Deck OLED, ASUS ROG Ally, Lenovo Legion Go, MSI Claw, OneXPlayer, AYANEO Slide, etc.
Special Features	VRR, ALLM, HDR, 6 RGB Lighting Modes, OpenRGB Software Support

WARRANTY AND SUPPORT

JSAUX products are designed for reliability and performance. For warranty information, technical support, or to inquire about replacement parts, please visit the official JSAUX website or contact their customer service directly.

Official Website: www.jsaux.com

Please retain your proof of purchase for any warranty claims.