JSAUX HB1201S

JSAUX HB1201S 12-in-1 RGB Docking Station User Manual

Model: HB1201S

1. INTRODUCTION

The JSAUX HB1201S 12-in-1 RGB Docking Station is designed to expand the connectivity and enhance the gaming experience for handheld consoles such as the Steam Deck (OLED), ROG Ally, and Legion Go. This manual provides detailed instructions for setting up, operating, and maintaining your docking station.

The JSAUX HB1201S RGB Docking Station connected to a Steam Deck, illustrating its compact design and multiple ports for peripheral connections.

2. PACKAGE CONTENTS

- JSAUX HB1201S 12-in-1 RGB Docking Station
- USB-C to USB-C Host Cable
- User Manual / Documentation

3. PRODUCT FEATURES OVERVIEW

The JSAUX HB1201S offers a comprehensive set of ports and features to enhance your handheld gaming experience:

12-IN-1 RGB DOCKING STATION

- Gigabit Ethernet (1Gbps)
- USB C PD (100W)
- USB A 3.2 (10Gbps)
- DisplayPort 1.4 (4K@120Hz)
- HDMI2.1 (4K@120Hz)
- SD card slot (480Mbps)
- TF card slot (480Mbps)
- 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)
- RGB Light Strip

An exploded view diagram highlighting all 12 ports of the docking station, including HDMI, DisplayPort, USB-C PD, USB-A, USB-C data, Gigabit Ethernet, 3.5mm audio, SD, and TF card slots.

Port Specifications:

- **1x HDMI 2.1:** Supports 4K@120Hz output with VRR, ALLM, and HDR.
- **1x DisplayPort 1.4:** Supports 4K@120Hz output.
- **2x USB A 3.2:** Provides 10Gbps data transfer speed.
- **1x USB C 3.2:** Provides 10Gbps data transfer speed (no video output).

- **1x Gigabit Ethernet:** Offers 1Gbps wired network connectivity.
- **1x USB C PD 3.0:** Supports up to 100W power delivery for charging.
- **1x 3.5mm Audio Jack:** For audio output to headphones or speakers.
- **1x TF Card Slot:** Supports 480Mbps data transfer.
- **1x SD Card Slot:** Supports 480Mbps data transfer.
- **1x USB A 2.0:** Provides 480Mbps data transfer speed.

Additional Features:

- **6 RGB Lighting Modes:** Customizable lighting effects with a top-mounted touch switch and OpenRGB software compatibility.
- **Retractable Stand:** Integrated stand for holding your handheld device.

4. SETUP INSTRUCTIONS

1. **Connect Power:** Plug a compatible USB-C Power Delivery (PD) adapter (not included) into the USB C PD port on the docking station. Ensure the power adapter provides sufficient wattage (up to 100W supported) for your handheld device and connected peripherals.

2. **Connect Host Device:** Use the provided USB-C to USB-C host cable to connect your handheld gaming device (e.g., Steam Deck, ROG Ally, Legion Go) to the 'HOST' USB-C port on the docking station.

3. **Connect External Display(s):**
   - For single display: Connect an HDMI cable from the docking station's HDMI port to your monitor or TV, or a DisplayPort cable from the docking station's DisplayPort to your monitor.
   - For dual displays: Connect one monitor via HDMI and another via DisplayPort. Note that dual-screen support maxes out at 4K@60Hz or 2K@120Hz.

4. **Connect Peripherals:** Plug in your USB devices such as keyboards, mice, game controllers, or external storage drives into the available USB A 3.2, USB C 3.2, or USB A 2.0 ports.

5. **Connect Network (Optional):** For a stable wired internet connection, connect an Ethernet cable from your router or modem to the Gigabit Ethernet port on the docking station.

6. **Insert Memory Cards (Optional):** If using, insert SD or TF cards into their respective slots. It is recommended to insert memory cards before gaming and avoid unplugging them during active use. Simultaneous reading of SD and TF cards is not supported.

7. **Audio Connection (Optional):** Connect headphones or speakers to the 3.5mm audio jack for audio output.

5. OPERATING INSTRUCTIONS

5.1 Display Output

The docking station supports high-resolution video output to external displays. Connect your monitor or TV using either the HDMI or DisplayPort. The upgraded HDMI technology supports Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), and HDR for an optimized visual experience.

A user playing a game on a large television, with their Steam Deck connected to the docking station, demonstrating the enhanced visual experience provided by VRR, ALLM, and HDR technologies.

Dual Screen Display:

- **Windows:** Supports both mirror (A-AA, A-BB) and extend (A-BC) modes.
- **MAC OS:** Supports mirror mode (A-AA, A-BB).

The maximum resolution for dual-screen output is 4K@60Hz or 2K@120Hz.

A Steam Deck connected to two external monitors, illustrating the dual-screen display capability of the docking station using both HDMI and DisplayPort outputs at 4K@120Hz.

5.2 RGB Lighting Control

The docking station features six dynamic RGB lighting modes. Use the top-mounted touch switch to cycle through the modes or turn the lighting on/off. For custom lighting control, the dock is compatible with OpenRGB software when connected via the USB-C upstream port.
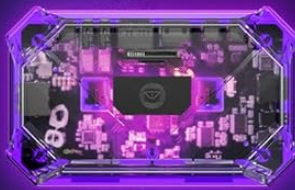
Visual representation of the six dynamic RGB lighting modes: Direct, Breathing, Rainbow Wave, Spectrum Cycle, Race Cycle, and Stacking, with a note about the touch switch and OpenRGB compatibility.

5.3 Data Transfer and Charging

Utilize the USB A 3.2 and USB C 3.2 ports for high-speed data transfers up to 10Gbps. The USB A 2.0 port, SD card slot, and TF card slot support data transfer at 480Mbps. The USB C PD 3.0 port delivers up to 100W of power to charge your connected handheld device and other compatible electronics.
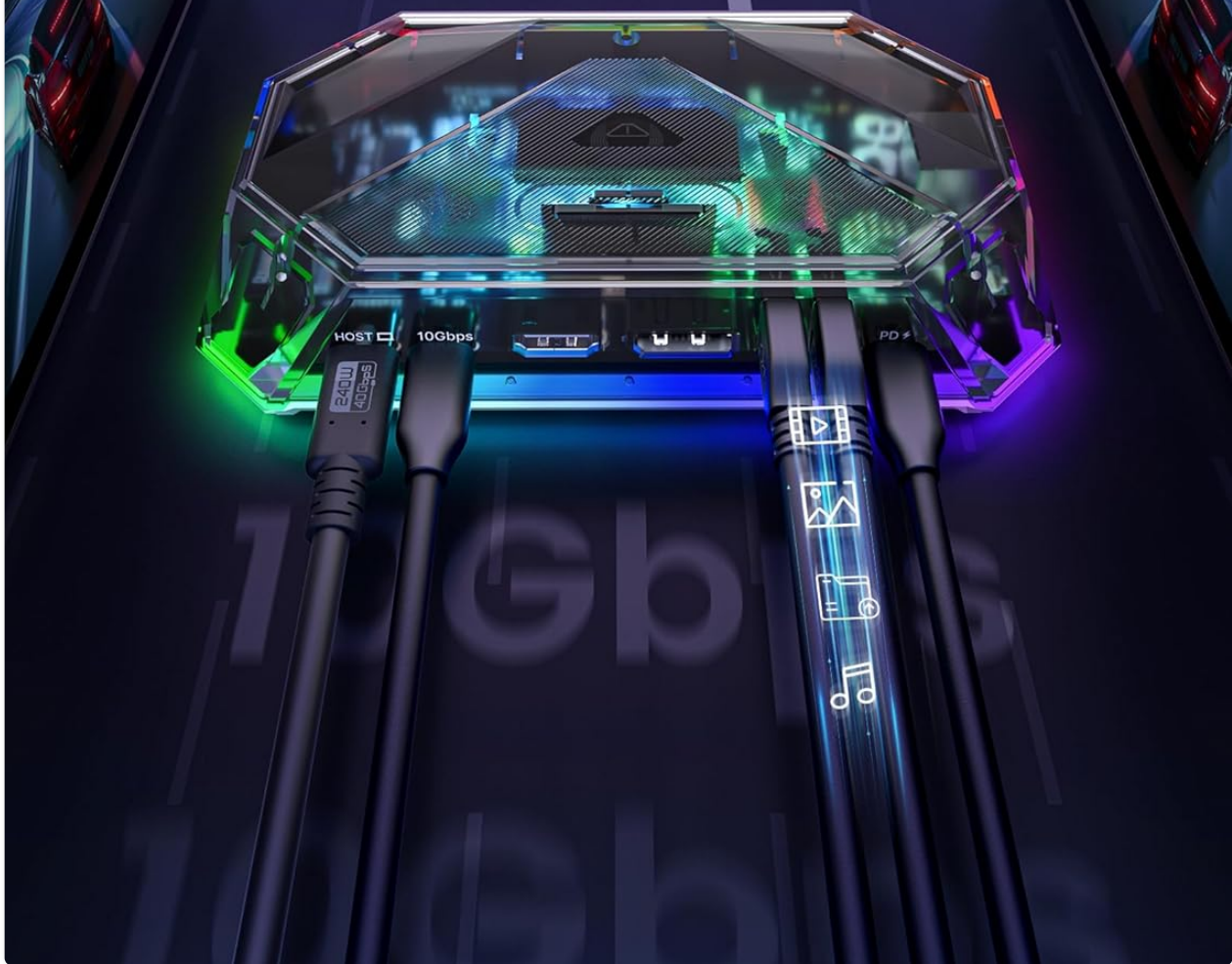
The USB 3.2 ports of the docking station with cables connected, illustrating the high-speed 10Gbps data transfer capability.

A close-up view of the SD and TF card slots on the docking station, showing memory cards inserted, emphasizing the dual card slot functionality.

6. COMPATIBILITY

The JSAUX HB1201S RGB Docking Station is compatible with a wide range of handheld gaming consoles and other devices, including:

- Valve Steam Deck

- Steam Deck OLED

- ASUS ROG Ally

- ASUS ROG Ally X

- Lenovo Legion Go

- MSI Claw

- OneXPlayer

- AYANEO Slide

- iPad, iPad Pro, iPhone

- Razer Edge

- Logitech G Cloud

- Other USB-C enabled phones and tablets

Note: Not compatible with Nintendo Switch.

An ASUS ROG Ally handheld console connected to the docking station, highlighting its compatibility and support for 30W Turbo mode for optimal performance.

7. MAINTENANCE

To ensure the longevity and optimal performance of your JSAUX HB1201S Docking Station, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid abrasive cleaners or solvents.

- Protect the docking station from extreme temperatures, direct sunlight, and moisture.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure proper ventilation around the device during operation.

8. TROUBLESHOOTING

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

- **No Display Output:**
  - Ensure all cables (USB-C host, HDMI/DisplayPort) are securely connected.
  - Verify that the external display is set to the correct input source.
  - Check if your handheld device's display settings are configured for external output.
  - Ensure the docking station is receiving adequate power from a compatible PD charger.

- **Slow Data Transfer:**
  - Confirm that you are using the USB 3.2 ports for high-speed devices.
  - Ensure your connected device and cable support USB 3.2 speeds.

- **Charging Issues:**
  - Verify that your USB-C PD power adapter meets the wattage requirements of your handheld device.
  - Ensure the power cable is securely connected to both the adapter and the docking station.

- **RGB Lighting Not Working:**
  - Press the top-mounted touch switch to activate or cycle through lighting modes.
  - Ensure the docking station is powered on.

- **Network Connectivity Problems:**
  - Check the Ethernet cable connection to both the dock and your router/modem.
  - Verify network settings on your handheld device.

9. SPECIFICATIONS

Feature	Detail
Model Number	HB1201S
Product Dimensions	5.91 x 3.62 x 1.11 inches (15.01 x 9.19 x 2.82 cm)
Item Weight	15.1 ounces (0.43 kg)
Hardware Interface	USB Type C
Total USB Ports	12

Feature	Detail
Total HDMI Ports	1
Wattage (PD)	100W
Compatible Devices	Valve Steam Deck, Deck OLED, ASUS ROG Ally, Ally X, Lenovo Legion Go, MSI Claw, OneXPlayer, AYANEO Slide, iPad, iPad Pro, iPhone, Razer Edge, Logitech G Cloud, other phones

10. OFFICIAL PRODUCT VIDEO

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This video provides a visual guide to the JSAUX 12-in-1 RGB Docking Station, showcasing its various ports, RGB lighting, and how it connects to handheld gaming devices and external displays.
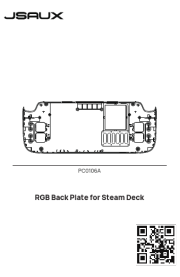
11. WARRANTY AND SUPPORT
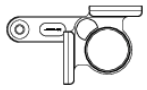
JSAUX products come with a standard warranty. For detailed warranty information, product support, or technical assistance, please visit the official JSAUX website or contact their customer service. Keep your purchase receipt for warranty claims.
JSAUX Official Website: www.jsaux.com

Related Documents - HB1201S

	JSAUX PC0106A RGB Back Plate for Steam Deck Installation Guide Official installation guide for the JSAUX PC0106A RGB Back Plate, a custom replacement back cover for the Steam Deck. Learn how to install the back plate, select button heights, and understand product parameters and accessories.
	JSAUX FlipGo Dual Stacked Portable Monitor User Manual User manual and instructions for the JSAUX FlipGo Dual Stacked Portable Monitor, covering setup, connections, and features for various operating systems and connection types.

[JSAUX SP0213/SP0214 Phone Stands for Tesla - User Guide and Specifications](#)
Detailed information on JSAUX Magnetic Phone Stand for Car (SP0213) and Electric Phone Stand for Tesla (SP0214), including features, usage instructions, product parameters, and packing lists.

[JSAUX USB-C SD Card Reader User Guide and FAQs](#)
Comprehensive guide and frequently asked questions for the JSAUX 3-in-1 USB Type-C Micro SD Memory Card Reader OTG Adapter, covering compatibility, troubleshooting, and file transfer for devices like iPhone 15, iPad Pro, and Android phones.