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Lemorele AC08-LSJB-JP02

Lemorele Capture Card User Manual

Model: AC08-LSJB-JP02 | Brand: Lemorele

1. Product Overview

The Lemorele Capture Card (Model AC08) is a versatile device designed for capturing and streaming video from various gaming consoles and devices. It combines high-resolution video capture with convenient passthrough and charging capabilities, making it an essential tool for content creation and enhanced gaming experiences.

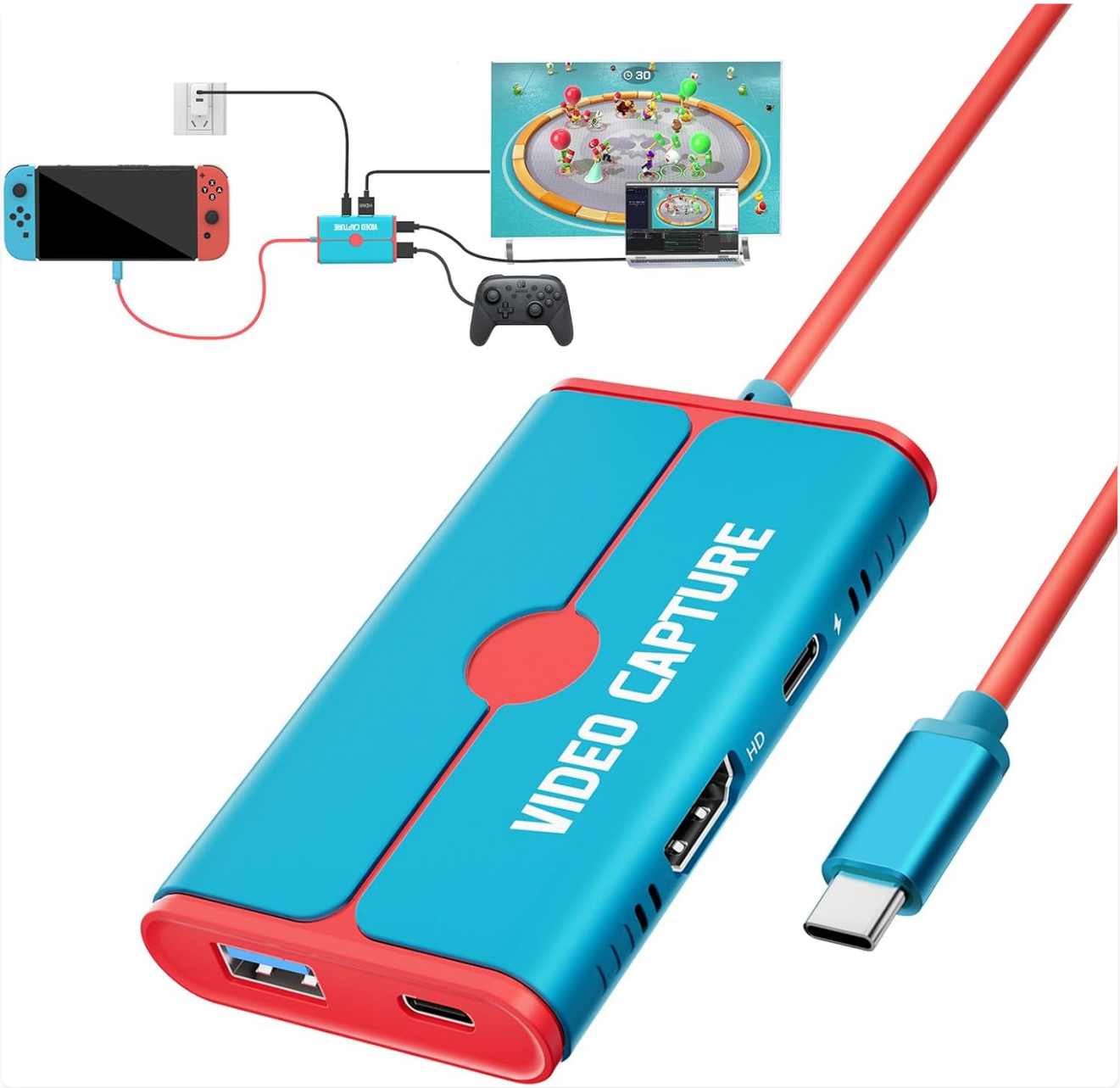


Figure 1.1: Lemorele Capture Card connected to a Nintendo Switch, showing its setup for capturing and displaying gameplay on a monitor and laptop.

Key Features:

- **High-Resolution Capture & Passthrough:** Supports 1080P @ 60Hz video capture and 4K @ 30Hz HDMI passthrough, allowing you to play on a large screen while simultaneously recording or streaming on a separate device.
- **Multi-functional Ports:** Equipped with USB-C for device connection, HDMI output, PD fast charging (up to 100W), USB-A 3.0 for high-speed data transfer, and a dedicated USB-C video capture port.
- **Wide Compatibility:** Compatible with Nintendo Switch, Switch OLED, Steam Deck, smartphones, tablets, laptops, PCs, and Meta Quest VR headsets.
- **Driver-Free & Portable:** Plug-and-play design requires no additional driver installation. Its compact and lightweight (62g) ABS construction makes it highly portable.
- **Integrated Dock Functionality:** Can serve as a lightweight alternative to the official Nintendo Switch dock.

2. Package Contents

Please verify that all items are present in the package:

- Lemorele Capture Card (Model AC08) x 1
- USB-C Cable (integrated, 30cm) x 1
- User Manual x 1



Figure 2.1: The package includes the Lemorele Capture Card with an integrated USB-C cable and a user manual.

3. Setup Guide

Follow these steps to set up your Lemorele Capture Card for various uses.

3.1 Basic Connection for Game Capture

1. Connect the integrated USB-C cable from the capture card to your gaming console (e.g., Nintendo Switch, Steam Deck).
2. Connect an HDMI cable (not included) from the capture card's HDMI output port to your TV or monitor for passthrough display.
3. Connect a USB-C to USB-A or USB-C to USB-C data transfer cable (not included) from the capture card's dedicated USB-C video capture port (on the USB-A side) to your computer (laptop or desktop PC).
4. For power, connect a power adapter (e.g., Nintendo Switch official AC adapter for TV mode) to the PD fast charging port on the capture card.



Figure 3.1: Connection diagram for capturing Switch gameplay to a PC while displaying on a TV.

3.2 OBS Studio Setup (Windows/macOS/Linux)

To capture video and audio using OBS Studio, follow these steps:

1. **Download OBS Studio:** Visit the official OBS website and click 'Download'. Select your operating system (Windows 10/11, macOS 10.15+, or Ubuntu 14.04+ for Linux).
2. **Change Language (Optional):** In OBS, go to 'Settings' then 'Language' and select your preferred language.
3. **Add Video Capture Device:** In the 'Sources' section, click the '+' icon, then select 'Video Capture Device'. In the pop-up, select 'Display capture-UVC04' as your device.
4. **Configure Audio Output:** In the 'Audio Mixer' section, click the gear icon next to 'Digital Audio Interface (Display capture-UVC04)'. Go to 'Audio Monitoring' settings and select 'Monitor and Output'.
5. **Start Streaming/Recording:** In the bottom right of OBS, click 'Start Streaming' or 'Start Recording'. Select your desired platform (e.g., Twitch, YouTube) and configure settings as needed.



Figure 3.2: Detailed steps for configuring OBS Studio for video and audio capture with the device.

4. Operating Instructions

4.1 Game Streaming and Recording

Once connected and OBS Studio (or other compatible capture software like AMCap, Xsplit) is configured, you can begin streaming or recording your gameplay. The passthrough function allows you to view your game on a large display with minimal latency while the capture card sends the video signal to your computer for recording or live broadcast.

Figure 4.1: Setup for game streaming and recording, showing the capture card facilitating gameplay on a monitor and capture on a laptop.

4.2 Using as a Switch Dock Alternative

The capture card can function as a portable dock for your Nintendo Switch. Connect your Switch to the capture card via the integrated USB-C cable, and then connect an HDMI cable from the capture card to a TV or monitor. Ensure a power adapter is connected to the PD port for stable operation, especially in TV mode. It is recommended to use an official Nintendo Switch AC adapter for TV mode.



Figure 4.2: The capture card enables playing Nintendo Switch games on a large TV screen, acting as a compact dock.

4.3 iPad Screen Capture

To capture your Switch screen on an iPad, ensure your iPad has UVC functionality and runs iPadOS 17 or later. Connect the capture card to your iPad using a separate USB-C to USB-C cable (not included). Use a compatible tablet capture software like ComoStudio to view and record the Switch display on your iPad. Note that while the capture card can supply power to the Switch, it cannot supply power to the iPad in this setup.



Figure 4.3: Using an iPad as an external display and capture device for the Nintendo Switch.

4.4 Meta Quest Compatibility

The capture card supports capturing external USB-C device screens to Meta Quest 2, 3, and Pro VR headsets, providing an immersive viewing experience. Connect the capture card to your Meta Quest headset via a compatible USB-C cable to mirror content.



Figure 4.4: The capture card facilitates connecting and capturing content for Meta Quest VR headsets.

5. Maintenance

To ensure the longevity and optimal performance of your Lemorele Capture Card, please observe the following maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Heat Dissipation:** The device features a heat-resistant design. Ensure it is placed in a well-ventilated area during prolonged use to prevent overheating.



Figure 5.1: The internal design of the capture card is engineered for effective heat dissipation.

6. Troubleshooting

If you encounter issues with your Lemorele Capture Card, please refer to the following common troubleshooting tips:

- **No Signal/Black Screen:**
  - Ensure all cables (USB-C, HDMI, power) are securely connected.
  - Verify that the input source (e.g., Switch) is powered on and outputting video.
  - Check your display's input source settings.
  - For Switch TV mode, ensure you are using an official Nintendo Switch AC adapter for power.
- **No Audio/Audio Sync Issues:**

- In OBS Studio, verify that the audio input device is correctly selected and configured for monitoring and output (refer to Section 3.2).
- Check your computer's audio settings and ensure the capture card's audio device is enabled.
- Some users report resolving audio sync issues in OBS by unchecking "Use custom audio device" and adding audio input capture separately.

- **Capture Software Not Detecting Device:**
  - Ensure the capture card is properly connected to your computer via the dedicated USB-C video capture port.
  - Restart your capture software (e.g., OBS Studio) and/or your computer.
  - Confirm your operating system is compatible (Windows 10+, macOS, Linux).
- **Intermittent Signal Loss/Freezing:**
  - Ensure adequate power supply to the capture card, especially during long sessions.
  - Check for overheating. Ensure the device has proper ventilation.
  - Try using different USB ports on your computer.

7. Specifications

Feature	Description
Model Number	AC08-LSJB-JP02
Brand	Lemorele
Dimensions	8.68 x 5.31 x 1.61 cm
Weight	61.5 g
Video Capture Resolution	1080P @ 60Hz
HDMI Passthrough Resolution	Up to 4K @ 30Hz (Note: Switch output max 1080P)
Input Ports	USB-C (integrated cable for console connection)
Output Ports	HDMI, USB-A 3.0, USB-C (PD Fast Charging), USB-C (Video Capture)
PD Fast Charging	Up to 100W
USB-A 3.0 Data Transfer	Up to 5Gbps
Compatible OS	Windows 10+, macOS, Linux
Material	ABS (Durable, Heat-resistant)

8. Warranty and Support

The Lemorele Capture Card comes with a **1-year manufacturer warranty**.
If you have any questions, concerns, or require technical assistance, please do not hesitate to contact Lemorele customer support. You can typically find contact information by clicking on the seller's name (e.g., "Lemorele-LSJB-JP") on the product purchase page and looking for a "Ask a question" or similar contact option.
Please provide your product model number (AC08-LSJB-JP02) and a detailed description of the issue when contacting support to ensure a prompt resolution.

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