AVerMedia GC573

AVerMedia Live Gamer 4K (GC573) Instruction Manual

Internal Capture Card for 4K60 HDR10 Streaming and Recording

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AVerMedia Live Gamer 4K (GC573) internal capture card. This device is designed for high-quality video capture and streaming, supporting 4K60 HDR10 with ultra-low latency.

WHAT'S IN THE BOX

- Live Gamer 4K (GC573)
- HDMI 2.0 cable
- Quick guide
- CyberLink PowerDirector 15 Product Key Card

SETUP

The AVerMedia Live Gamer 4K (GC573) is an internal PCIe capture card. Installation requires opening your PC case and inserting the card into an available PCIe slot.

System Requirements

- Operating System: Windows 10, Windows 11
- Hardware Interface: PCI Express x4 (PCI-Express Gen 2 x4)

Physical Installation

1. Power off your computer and disconnect all cables.
2. Open your PC case.
3. Locate an available PCI-Express Gen 2 x4 slot on your motherboard.
4. Carefully insert the Live Gamer 4K card into the slot until it is firmly seated.
5. Secure the card with a screw to the PC case.
6. Close your PC case and reconnect all cables.

This image shows the AVerMedia Live Gamer 4K (GC573) internal capture card being inserted into a PCIe slot on a motherboard inside a desktop computer case.

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This video provides a step-by-step guide on how to physically install the AVerMedia Live Gamer 4K capture card into a desktop computer's PCIe slot.

CONNECTIONS

The Live Gamer 4K features HDMI 2.0 input and pass-through ports.

1. Connect your gaming console (e.g., PS5, Xbox Series X/S) or PC to the HDMI 2.0 Input port on the Live Gamer 4K using an HDMI 2.0 cable.
2. Connect your display (monitor or TV) to the HDMI 2.0 Pass-Through port on the Live Gamer 4K using another HDMI 2.0 cable. This allows you to play games on your display with zero-lag while the card captures the video signal.

This diagram illustrates the connection setup for the AVerMedia Live Gamer 4K. A console or desktop connects via HDMI 2.0 In to the capture card, which then outputs via HDMI 2.0 Out to a display, and also connects to a desktop PC via PCIe x4 Gen2 for capture.

SOFTWARE INSTALLATION

To utilize the full functionality of the Live Gamer 4K, including recording, streaming, and RGB lighting customization, you need to install the AVerMedia Gaming Utility software.

1. Download the latest AVerMedia Gaming Utility from the official AVerMedia website.
2. Follow the on-screen instructions to complete the software installation.
3. The software allows you to customize resolutions, frame rates, and RGB lighting settings.

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This unboxing video mentions the AVerMedia Gaming Utility software and its importance for using the capture card's features.

OPERATING

Recording and Streaming

The Live Gamer 4K is compatible with popular streaming software such as OBS, Streamlabs, and XSplit.

1. Launch your preferred streaming/recording software.

2. Add the Live Gamer 4K as a video capture device.

3. Configure your desired resolution (up to 4K60 HDR10) and frame rate (up to 240 fps for Full HD).

4. Start recording or streaming your gameplay.

This image demonstrates gameplay captured at 4K60 HDR, highlighting the visual quality achieved with the AVerMedia Live Gamer 4K.

RGB Lighting

The card features customizable RGB lighting. Use the AVerMedia Gaming Utility to select from three preset modes or customize your own lighting effects to match your PC setup.

MAINTENANCE

- Keep the PC case well-ventilated to prevent overheating of the capture card and other components.

- Regularly clean dust from inside your PC case, especially around the capture card, using compressed air.

- Ensure all cable connections are secure.

TROUBLESHOOTING

No Signal/Black Screen

- Verify all HDMI cables are securely connected to the correct input/output ports.
- Ensure your display and source device are powered on.
- Check the resolution and refresh rate settings of your source device; some older displays may not support 4K60 HDR.
- Update your graphics card drivers and AVerMedia software to the latest versions.

Audio Issues

- Confirm audio settings within your streaming/recording software are correctly configured to capture audio from the Live Gamer 4K.
- Check your PC's sound settings to ensure the Live Gamer 4K is recognized as an audio input device.

Performance Issues (Lag, Stuttering)

- Ensure your PC meets the minimum system requirements for 4K capture and streaming.
- Close unnecessary background applications.
- Verify the PCIe slot is functioning correctly and the card is seated properly.

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This video demonstrates how to set up party chat with PlayStation and Xbox, which can help troubleshoot audio configurations for streaming.

SPECIFICATIONS

Feature	Detail
Brand	AVerMedia
Series	Live Gamer 4K
Model Number	GC573
Hardware Interface	PCI Express x4 (PCI-Express Gen 2 x4)
Video Capture Resolution	4K60 HDR10 (up to 240 FPS for Full HD)
Operating System	Windows 10, Windows 11
Item Weight	7.4 ounces
Product Dimensions	5.9 x 4.9 x 0.8 inches
Audio Support	7.1 / 5.1 Channel Surround Sound Pass-Through
Video Compression	H.265
RGB Lighting	Yes, customizable

WARRANTY AND SUPPORT

AVerMedia offers a standard warranty for the Live Gamer 4K (GC573). A free one-year warranty extension card is included

with your purchase.

For technical support, driver downloads, and further assistance, please visit the official AVerMedia website.

Online resources and FAQs are available to help you with common queries.