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AVerMedia GC570

AVerMedia Live Gamer HD 2 (GC570) Instruction Manual

PCIe Internal Game Capture Card

1. Introduction

The AVerMedia Live Gamer HD 2 (GC570) is an internal PCIe game capture card designed for recording and streaming high-definition gameplay. It supports Full HD 1080p at 60 frames per second, offering a low-latency HDMI pass-through experience. This device is compatible with various gaming platforms including Xbox, PlayStation, Nintendo Switch, and PC, and operates seamlessly with Windows 11, 10, 8.1 (UVC Protocol), and Windows 7 (driver installation required).

The Live Gamer HD 2 is engineered for ease of use, featuring plug-and-play functionality for most modern Windows operating systems, eliminating the need for complex driver installations. It provides both uncompressed video output for superior picture quality and compressed video output for lower bandwidth requirements, supporting multi-card setups for advanced streaming configurations.

2. What's in the Box

- Live Gamer HD 2 (GC570) Capture Card
- 3.5mm Audio Cable
- HDMI Cable
- Quick Guide

3. Product Features

3.1. High-Quality Capture and Pass-Through

The Live Gamer HD 2 captures and records Full HD 1080p60 gameplay with uncompressed video output, ensuring exceptional picture quality. Its low-latency HDMI pass-through allows for simultaneous streaming and playing without noticeable delay.

Image: The Live Gamer HD 2 is built for speed and quality, capturing uncompressed 1080p60 video for smoother and sharper streaming.

3.2. Plug and Play with Multi-Card Support

This capture card offers plug-and-play support for Windows 11, 10, and 8.1, requiring no driver installation. It also supports multi-card setups, allowing up to 4 cards on your gaming PC to capture different sources simultaneously (multi-card support software is required).

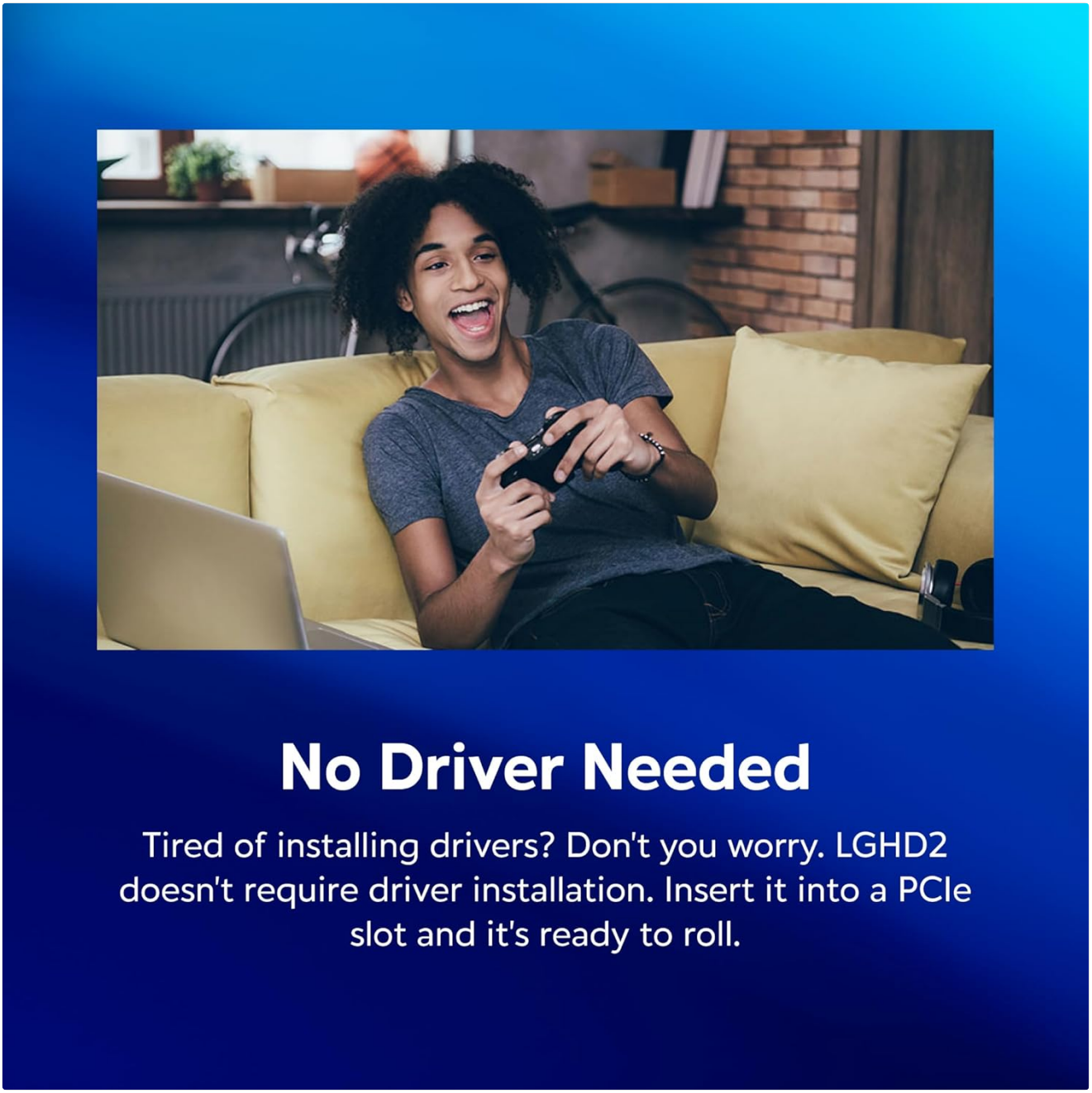

Image: The Live Gamer HD 2 does not require driver installation for compatible Windows versions, offering ready-to-play convenience.

3.3. Flexible Audio Connections

The Live Gamer HD 2 provides flexible audio options, including digital HDMI and analog 3.5mm ports. This allows you to record audio from consoles, PCs, or output to mixers for advanced audio mixing.

Image: Close-up of the Live Gamer HD 2 ports, highlighting HDMI input/output and 3.5mm L/R audio input/output for versatile audio connectivity.

3.4. RECentral 4 Software

The included RECentral 4 software enhances your streaming and recording experience with features such as live editing, customizable quality settings, and content overlay. This powerful software allows for picture-in-picture customization, direct background removal, and embedded sharing to social media platforms.

Video: An official AVerMedia video showcasing the Live Gamer HD 2's capabilities, including 1080p60 recording, multi-card support, and low-latency pass-through.

4. Setup and Installation

4.1. Physical Installation

1. Power off your computer and disconnect all cables.
2. Open your computer case.
3. Locate an available PCIe x1 slot on your motherboard.

4. Carefully insert the Live Gamer HD 2 into the PCIe slot until it is firmly seated.
5. Secure the card with a screw to the computer chassis.
6. Close your computer case and reconnect all cables.

Video: A detailed unboxing and installation guide for the Live Gamer HD 2, demonstrating how to physically install the card into a PC.

4.2. Connecting Devices

Connect your gaming console or PC's HDMI output to the **HDMI In** port on the Live Gamer HD 2. Connect your display (monitor/TV) to the **HDMI Out** port on the Live Gamer HD 2. For audio, use the 3.5mm Audio In/Out ports as needed for external audio sources or monitoring.

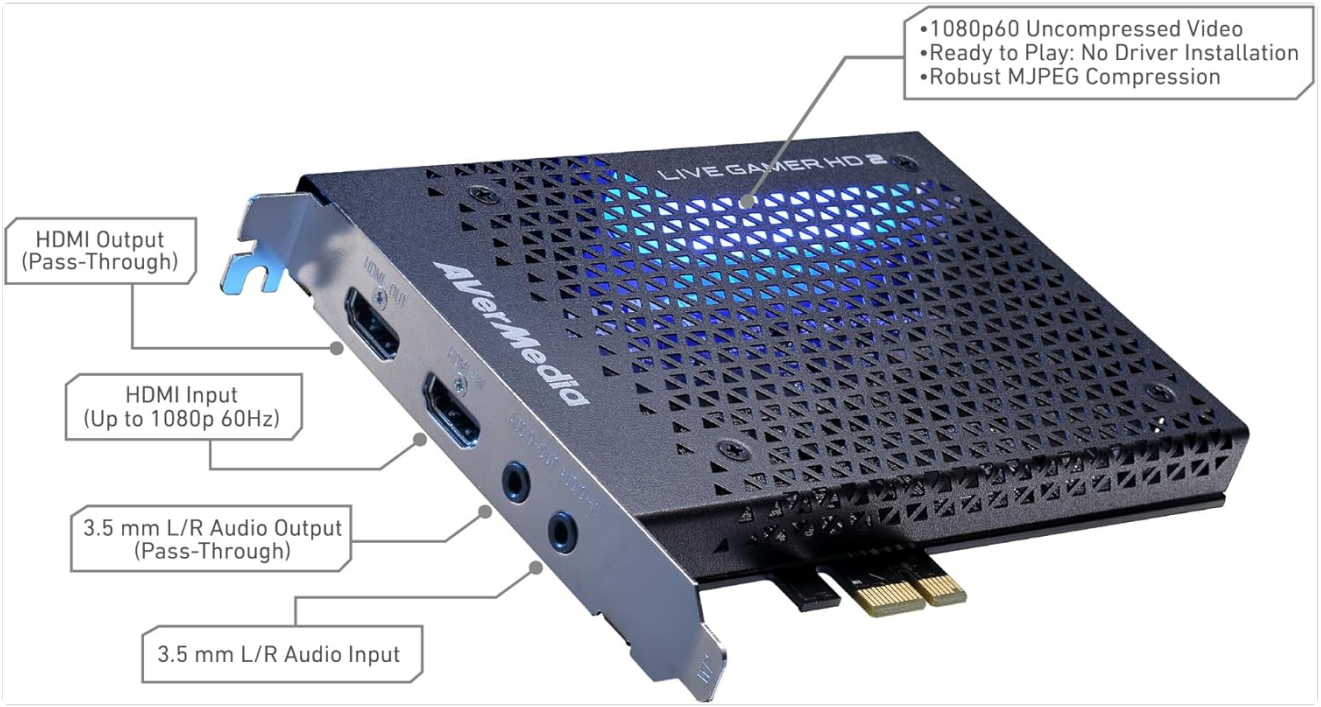

Image: The rear bracket of the Live Gamer HD 2, clearly labeling the HDMI Output (Pass-Through), HDMI Input (Up to 1080p 60Hz), 3.5 mm L/R Audio Output (Pass-Through), and 3.5 mm L/R Audio Input ports.

4.3. Software Installation

For Windows 10 and 8.1, the Live Gamer HD 2 is plug-and-play, meaning drivers should install automatically. For Windows 7, manual driver installation may be required. Download the latest RECentral 4 software from the official AVerMedia website to unlock all features and optimize your streaming/recording experience.

5. Operating Instructions

5.1. Starting RECentral 4

Launch the RECentral 4 application. The software will automatically detect the Live Gamer HD 2. You can then select your desired capture mode (Single Mode or Multi Mode) and configure your streaming or recording settings.

5.2. Recording and Streaming

Within RECentral 4, choose between 'Capture' for recording or 'Stream' for live broadcasting. Adjust video quality, resolution, and frame rate settings as needed. Utilize the 'Live Editing' feature to trim and merge video segments in real-time. For streaming, connect your preferred platform (Twitch, YouTube, etc.) and go live.

5.3. Audio Configuration

Ensure your audio input and output settings are correctly configured in RECentral 4. You can select audio from HDMI, 3.5mm input, or your PC's microphone. Use the audio pass-through feature to monitor game audio directly through your speakers or headphones without delay.

6. Specifications

Feature	Detail
Brand	AVerMedia
Model Name	1080p60 plug&play
Item Model Number	GC570
Hardware Interface	PCI Express x1
Video Capture Resolution	1080p
Operating System	Windows 11 / 10 / 8.1 (UVC Protocol), Windows 7 (driver required)
Product Dimensions	5.9 x 4.9 x 0.9 inches
Item Weight	5.4 ounces

7. Troubleshooting

7.1. No Signal Detected

- Ensure all HDMI cables are securely connected to the correct input/output ports.
- Verify that your gaming console or PC is powered on and outputting video.
- Check your display settings on the source device to ensure it's outputting a compatible resolution (1080p60 max).
- Restart RECentral 4 or your computer.

7.2. No Audio

- Confirm that the 3.5mm audio cable is connected if you are using analog audio input.
- Check audio settings within RECentral 4 to ensure the correct audio source is selected.
- Verify system audio settings on your PC and source device.

7.3. Performance Issues (Lag/Stuttering)

- Ensure your PC meets the minimum system requirements for RECentral 4 and streaming/recording.
- Close unnecessary background applications to free up system resources.
- Update your graphics card drivers to the latest version.
- If using compressed video output, try adjusting the bitrate or quality settings in RECentral 4.

8. Warranty and Support

For warranty information, technical support, and driver downloads, please visit the official AVerMedia website. Keep your purchase receipt for warranty claims. AVerMedia provides customer support to assist with any product-related inquiries or issues.