

LogiLink VG0030A

LogiLink VG0030A USB 2.0 Audio/Video Grabber User Manual

Model: VG0030A

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1. INTRODUCTION

The LogiLink VG0030A USB 2.0 Audio/Video Grabber is designed to convert analog video and audio signals into digital format. This device allows you to digitize content from sources such as VHS recorders, camcorders, or other analog devices, and save it to your computer's hard drive. The digitized files can then be edited, archived, or burned to DVD.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your LogiLink VG0030A device.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- LogiLink VG0030A USB 2.0 Audio/Video Grabber
- User Manual (this document)



Image: The LogiLink VG0030A USB Video Grabber product box, showing the device and its connections.

3. SYSTEM REQUIREMENTS

To ensure proper functionality, your computer system must meet the following minimum requirements:

- **Operating System:** Windows 7/8/10/11, Mac OS 10.7 or higher, Android 5.0 or higher
- **USB Port:** Available USB 2.0 port
- **Software:** Compatible video capture software (not included, e.g., OBS Studio, Video Proc)
- **Storage:** Sufficient hard drive space for recorded video files

4. SETUP

Follow these steps to set up your LogiLink VG0030A USB Audio/Video Grabber:

1. Connect to Analog Source:

Identify the output ports on your analog video source (e.g., VHS player, camcorder). The LogiLink VG0030A features 3 RCA (composite video and stereo audio) and 1 S-Video input.

- For **Composite Video (RCA)**: Connect the yellow RCA cable from your source to the yellow RCA input

on the grabber. Connect the white RCA cable for left audio and the red RCA cable for right audio to their respective inputs on the grabber.

- For **S-Video**: Connect the S-Video cable from your source to the miniDIN5 (S-Video) input on the grabber. For audio, you will still need to use the white and red RCA cables.

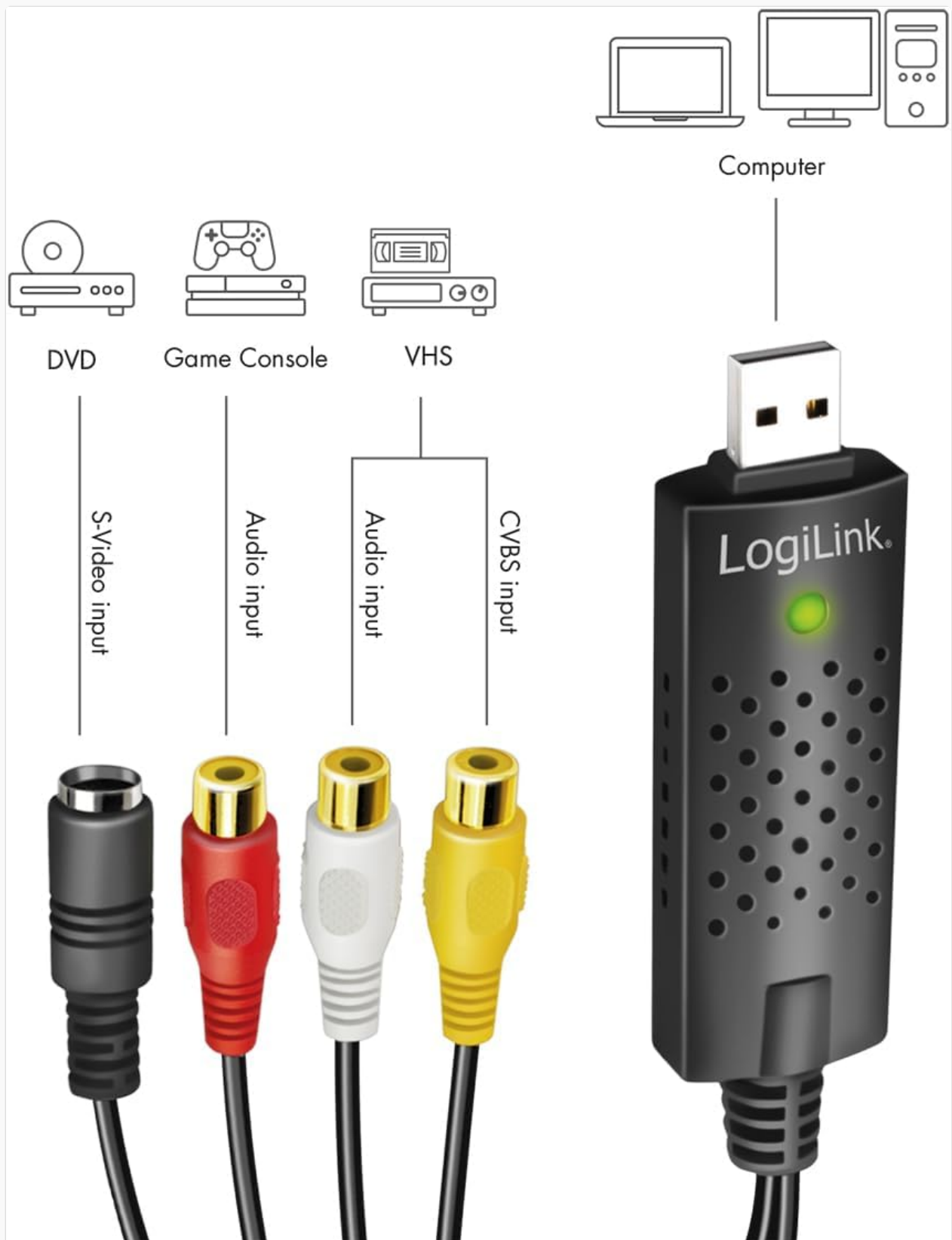


Image: Diagram illustrating how to connect the LogiLink VG0030A to various analog sources like DVD players, game consoles, and VHS recorders, and then to a computer.

2. Connect to Computer:

Plug the USB-A connector of the LogiLink VG0030A into an available USB 2.0 port on your computer.

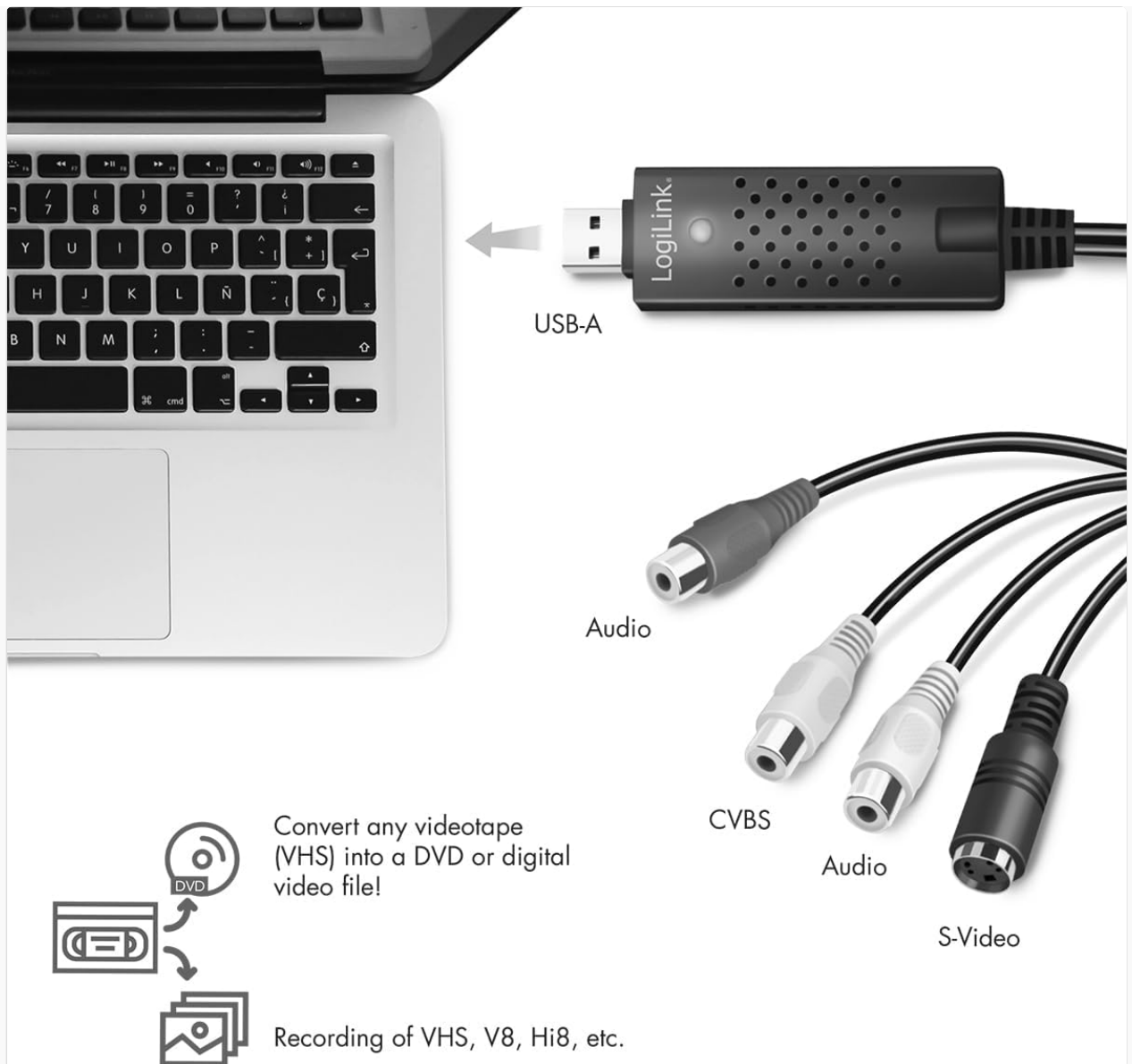


Image: The LogiLink VG0030A USB grabber plugged into the USB-A port of a laptop, with its RCA and S-Video cables extending.

3. Driver Installation (if necessary):

In most modern operating systems (Windows 10/11, recent Mac OS versions), the device should be recognized automatically as a standard USB video device, and drivers will install without user intervention. If prompted, follow the on-screen instructions. If automatic installation fails, refer to the manufacturer's website for driver downloads.

4. Install Capture Software:

The LogiLink VG0030A requires third-party video capture software to function. Popular options include OBS Studio (free and open-source) or commercial software like Video Proc. Install your preferred software on your computer.

5. OPERATING INSTRUCTIONS

Once the device is set up and capture software is installed, follow these general steps to digitize your analog content:

1. **Launch Capture Software:** Open your chosen video capture application (e.g., OBS Studio).
2. **Select Video Device:** In the capture software settings, locate the option to add a video input source. The LogiLink VG0030A should appear as a recognized device (e.g., "USB Video Device" or similar). Select it as

your video input.

3. **Select Audio Device:** Similarly, select the LogiLink VG0030A's audio input (e.g., "USB Audio Device" or "Microphone (USB Audio)") as your audio source.
4. **Configure Settings:** Adjust video resolution, frame rate, and audio settings within your capture software. The device supports NTSC/PAL resolutions up to 1920x1080 @ 30Hz (MJPEG) or 720x576 @ 25Hz (YUV422).
5. **Preview and Record:** Start playback on your analog source (e.g., press play on your VHS player). You should see the video and hear the audio in your capture software's preview window. Once confirmed, initiate recording within the software.
6. **Stop Recording:** When your analog content has finished playing, stop the recording in your software. The digitized file will be saved to the location specified in your software's settings.

Note: Specific steps may vary depending on the video capture software you use. Refer to your software's documentation for detailed instructions.

6. MAINTENANCE

The LogiLink VG0030A is a low-maintenance device. Follow these guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.
- **Cable Care:** Do not bend or crimp the cables excessively. Always grasp the connector when plugging or unplugging.

7. TROUBLESHOOTING

If you encounter issues with your LogiLink VG0030A, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No video signal in capture software.	Incorrect input selected in software. Cables not securely connected. Analog source not playing. Driver issue.	Ensure the correct video device is selected in your capture software. Check all RCA/S-Video and USB connections. Verify the analog source (e.g., VHS player) is powered on and playing content. Reinstall drivers or check device manager for errors.
No audio signal.	Incorrect audio input selected. Audio cables not connected. Volume too low on source or computer.	Select the correct audio device (e.g., "USB Audio Device") in your capture software. Ensure white and red RCA audio cables are securely connected. Adjust volume levels on both the analog source and your computer.

Problem	Possible Cause	Solution
Poor video quality.	<p>Low-quality analog source.</p> <p>Incorrect resolution/bitrate settings.</p> <p>Using Composite (RCA) instead of S-Video.</p>	<p>The quality of the digitized video is limited by the original analog source.</p> <p>Increase resolution and bitrate settings in your capture software.</p> <p>If your source supports S-Video, use it for better picture quality than composite video.</p>
Device not recognized by computer.	<p>Faulty USB port.</p> <p>Driver issue.</p> <p>Device malfunction.</p>	<p>Try connecting to a different USB port on your computer.</p> <p>Check Device Manager (Windows) or System Information (Mac) for the device. Reinstall drivers if necessary.</p> <p>Contact LogiLink support if the issue persists.</p>

8. SPECIFICATIONS

Model Number	VG0030A
Brand	LogiLink
Connectors	<p>Input: 3 x RCA (female, 1x Composite Video, 2x Stereo Audio), 1 x miniDIN5 (female, S-Video)</p> <p>Output: USB-A (male, USB 2.0)</p>
USB Standard	USB 2.0 Hi-Speed
Data Rate	Up to 480 Mbit/s
Supported Resolutions	<p>NTSC/PAL (MJPEG): 1920 x 1080 @ 30 Hz</p> <p>NTSC/PAL (YUV422): 720 x 576 @ 25 Hz</p>
Compatible Operating Systems	Windows 7/8/10/11, Mac OS 10.7 or higher, Android 5.0 or higher
Color	Black
Dimensions (L x W x H)	8.9 x 2.6 x 1.4 cm
Weight	42 Grams
Manufacturer	2direct GmbH
Country of Origin	China



Image: The LogiLink VG0030A USB Video Grabber, showing its main unit, USB connector, and the attached RCA and S-Video input cables.

9. WARRANTY & SUPPORT

Warranty: The LogiLink VG0030A comes with a 1-year warranty for spare parts availability. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact LogiLink customer service.

Support: For technical assistance, driver updates, or further inquiries, please visit the official LogiLink website or contact their customer support department. Contact information can typically be found on the product packaging or the manufacturer's website.

Manufacturer: 2direct GmbH

