

**VLRec\_GB**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> VLRec_GB		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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# Chapter 1

## VLRec\_GB

### 1.1 VLRec-Documentation

VLRec NG 3.2

- Introduction/Features
- System requirements
- Contact
- ~~ - Usage
- History
- "Registration" or "How to save the future of VLRec NG"

### 1.2 Introduction

Introduction

VLRec NG has the following features:

- Recording of videos in color or grayscales with a normal Zorro-VLab (NO VLab Motion needed!!)
- Specialeffects can be performed on the digitized videos
- Watch TV on your Workbench with a resizable window and options to change contrast and brightness
- dynamic memory-allocation for best usage of the memory in your AMIGA
- Save recorded anims as IFF-ANIM5- or MPEG-I-file
- integrated 24Bit-Digitizerfunction with PhotoAlbum-Preview for fast finding, saving or deleting of pictures
- all digitised pictures can be previewed in a full-screen Dia-Show
- Saving of digitized pictures as PBM-, PPM- or JPEG-file
- PPC-Support for maximum speed (WarpUP and PowerUP are supported)
- asynchronous GUI-design and the ability to have all windows open at one time
- modern GUI, that is displayed in full 24bit on graphic-boards
- special display-routines for graphic-boards, AGA, ECS and OCS
- Ability to change every important option of a VLab-board

### 1.3 Requirements

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## Requirements

What you need to run this is following:

- Software
  - vlab.library (I only tested with V10)
  - Amiga OS 3.x or better
  - WarpUP or PowerUP, if you have a PowerPC-Board
- Hardware
  - Any Amiga with Zorro II or III
  - A Zorro-VLab (VLab Motion doesn't work, VLab par can only grab in color)
  - At least 3 MB of total RAM - the more the better
  - PPC is used, but not needed

## 1.4 Contact

Contact us

You can contact us several ways:

Email: info@innovative-web.de  
Homepage: <http://www.innovative-web.de/>  
Fax: +49 69/791247970  
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Snail-Mail:  
Innovative  
c/o Felix Schwarz  
Am Gründla 3  
D-91074 Herzogenaurach  
Germany

## 1.5 Usage

### Usage

After you start VLRec NG, you get 5 buttons, that link (from left to right) to the following program parts:

- Editing Station  
This is the heart of VLRec NG - it can record and cut sequences, save them or perform effects
  - Snapshot Center  
You can create snapshots from Live video here
  - VLab Settings  
You can change settings like the resolution or the input channel here
  - Preview-window  
This window shows a preview of what is coming in. It is quite smooth and can be resized in realtime on PPC-equipped machines.
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- Contrast, Brightness, Invert-Settings  
You can change above, here for the preview-window.

## 1.6 VLab Settings

The VLab-settings

You can set all important options for your VLab in this window.

Input

You can select the VLab-input here.

ATTENTION: Recording and preview in grayscales only works with inputs 1-3. ←

This can't  
be changed, as this is a bug in vlab.library, which we don't have ←  
the  
sourcecode to.

X1, Y1, X2, Y2

You can set the limits of the color-recording, -preview and -grabbing here.

Interlace

If this is active, the snapshot/grab will be done in full resolution.

Luminancefilter, Chrominancefilter

If these options are active, the respective filterfunctions on your VLab are active.

Videorecorder

If the source of the the video-input for your VLab comes from a videorecorder, this option should be active.

NTSC

If the input is in NTSC-format, this option has to be active.

VLab Classic Mode

If you own a VLab with only two inputs (2 Cinch-inputs), this option should be activated for correct recordings.

Own screen

If this option is active, VLRec NG opens an own screen.

Screenmodus

If you have activated "Own screen", you can choose the screenmode for VLRec NG here.

Bubblehelp

If the bubblehelp starts disturbing you and you don't need it anymore, you can switch it off here.

## 1.7 The editingstation

The editingstation

You can find a framebar on the top, below the control-panel with

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all the important options and again below this one the selection-panel, and below that one the list of effects and the button "Perform".

#### The framebar

You can steer to every frame with this slider. The currently selected frame is shown in the right part of the window.

#### The control-bar

The symbols from left to right

- Scenestart  
Go to the first frame.
- Rewind  
Go back 7 frames.
- Record  
Start recording. The newly recorded frames are added to the end of the sequence.
- Play  
Play the sequence from the currently selected frame.
- Forward  
Go forward 7 frames.
- Sceneend  
Go to the last frame
- Eject  
Delete the whole sequence from memory.
- Save animation  
Saves the whole animation as MPEG-I, IFF-ANIM5 or as PPM-singlepics. Simply choose the format you want in this window.
- Delete selected sceneregion  
Deletes the currently selected part of the scene.
- Color/Monochrom-recording  
Delete the whole sequence from memory and switch the modus from color to grayscales or reverse.

#### Sceneregion-selection

With the left button you select the currently viewed picture as the first one of the sceneregion.

With the right button you select the currently viewed picture as the last one of the sceneregion.

#### Calculation of effects

Selected the effect you want from the list, then click on "Perform" to perform the effect on the currently selected sceneregion. There currently is NO undo!

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## 1.8 Snapshot Center

### Snapshot Center

After the snapshot-window has opened, you see some graphical buttons (from left to right):

#### New

Delete all pictures, that are currently in memory.

#### Save

Saves the currently selected pictures in the selected format.

#### Snapshot

Does a snapshot of the currently incoming videosignal.

#### Delete

Delete the currently selected picture.

#### Deinterlace

This removes every second line and replaces it by the above one. This is quite useful for snapshots that look somehow "mixed".

#### Picture-Viewer

Clicking this button opens a window with the currently selected picture in full resolution.

#### Dia-Show

Shows all snapshots as dia-show. You can abort by pressing a key or by clicking with the mouse.

#### Navigationbutton

You can navigate through the snapshots with these buttons.

## 1.9 Registration

### Registration

If you register VLRec the following limitations of the shareware-version are taken away:

- Animations are saved without the demo-blocks
- The watch-function can be used as long as you want to, without a break
- The JPEG-images can be saved without the black lines
- CPU-optimized versions for 68030/881 and 68040/881

The price of VLRec is only 30 DM/15 EURO/20 USD. You get a key and the full-version

on a disk or via Email. You also support the development of new versions. Simply fill out the registration-form, print it and send it to:

Innovative  
c/o Felix Schwarz  
Am Gründla 3  
D-91074 Herzogenaurach  
Germany



Registered users of VLRec V1.x / V2.x can upgrade to VLRec NG V3.0 for 10 DM/5 EURO/6 USD. ↔

Thank you for your support!

## 1.10 History

History

V1.0 - V2.1

- completely other program, just sharing the name with VLRec NG :)

V3.0 NG

- initial NG-release
- complete rewrite
- sorry for the short doc. I think, I'll improve it with the next versions

V3.2 NG

- Recording in color
  - Ability to open an own screen for VLRec NG
  - NTSC-support fully implemented
  - seperate window for viewing of single snapshots
  - the area to be recorded can now be set
  - minimally improved recordingspeed
  - pause-function for the preview-window
  - Bugfixes: YUV/RGB-conversion, GUI-engine and viewing routines for custom-chips
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