

# Videomizer2

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**Part**



## 1 Videomizer 2

### Puts an end to blurred videos!

- Videomizer 2 [6](#)
- First steps [14](#)
- Brief instruction [22](#)
- The interface [34](#)
- Settings [48](#)
- Single features [56](#)



**Hint:** If you have problems with the installation of Videomizer 2, start with the chapter "First steps [14](#)". In other cases we recommend that you start either with the chapter "Brief instruction [22](#)" or with the chapter "The interface [34](#)" to start as easy as possible.

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## 1.1 Features & Information

### Optimization and conversion of home videos and movies

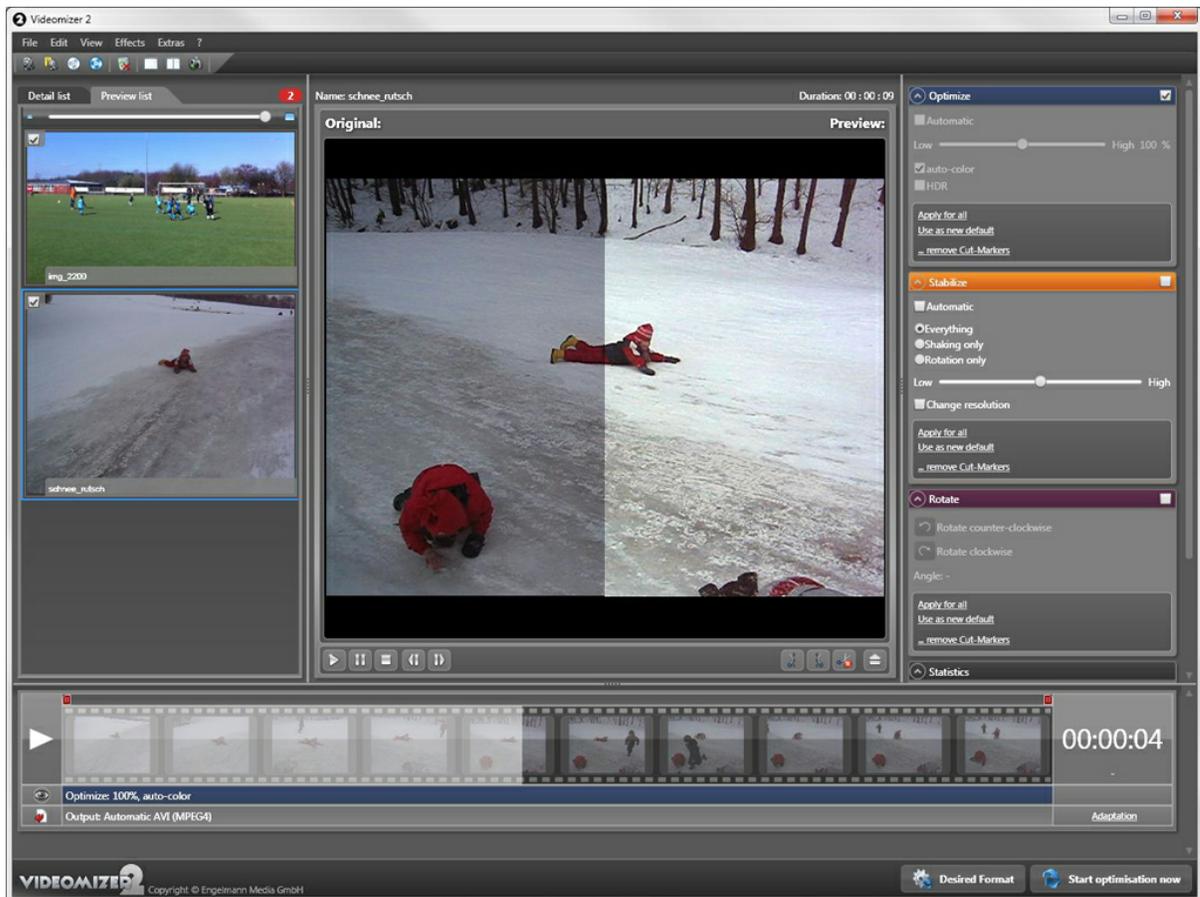
Even professionals have difficulty in producing really perfect videos - which may be one of the reasons why seasoned video freaks sometimes refer to Videomizer 2 for their private collection. Understandably enough, as the 'little' Videomizer 2 often not just achieves more than many of the 'big brothers' of video editing promise in name only. Thanks to automatic profiles it also saves a lot of time for optimizing, stabilizing and finally converting movies and home videos.



### Optimization

Videomizer 2 knows the pitfalls of digital recording like hardly any other, the kinks and failures of memory chips as well as the errors during digitalization of older Super-8 and VHS films and videos – and tackles them with the latest software technology. 'Too dark' is then a thing of the past, just like too bright, too low or high in contrast, too blurred, too faint or too colorful.

And the best is that you do not need laborious training for Videomizer 2 and you don't have to deal with complicated settings. The image specialist carries out all tasks fully automatically and with an installed sense of required improvements. The integrated photographic tools exactly find those parts of the picture that disturb the overall impression. With utmost precision! The integrated automatic object recognition manipulates only those attributes which require editing and leaves the rest untouched. This makes the program the perfect completion for creative amateurs AND (semi-) professional video artists, since wrong camera settings are easily made despite all experience. And there is no cure for unfavorable weather and light conditions during the recording anyway.



Click to enlarge/ shrink.

### **Stabilization**

*With perfect video stabilization against the 'Bobblehead'!*

Sometimes they are used deliberately, in most cases, however, not: blurred videos. What on the big screen is qualified as art form or is to provide more authenticity for videos about UFOs, ghosts and legendary peculiarities like the Bigfoot, easily becomes a fun killer in family- and holiday videos. In this case you'd rather have something at hand which can turn blurred and fuzzy videos into movies that are suitable for daily use. Something like Videomizer 2.

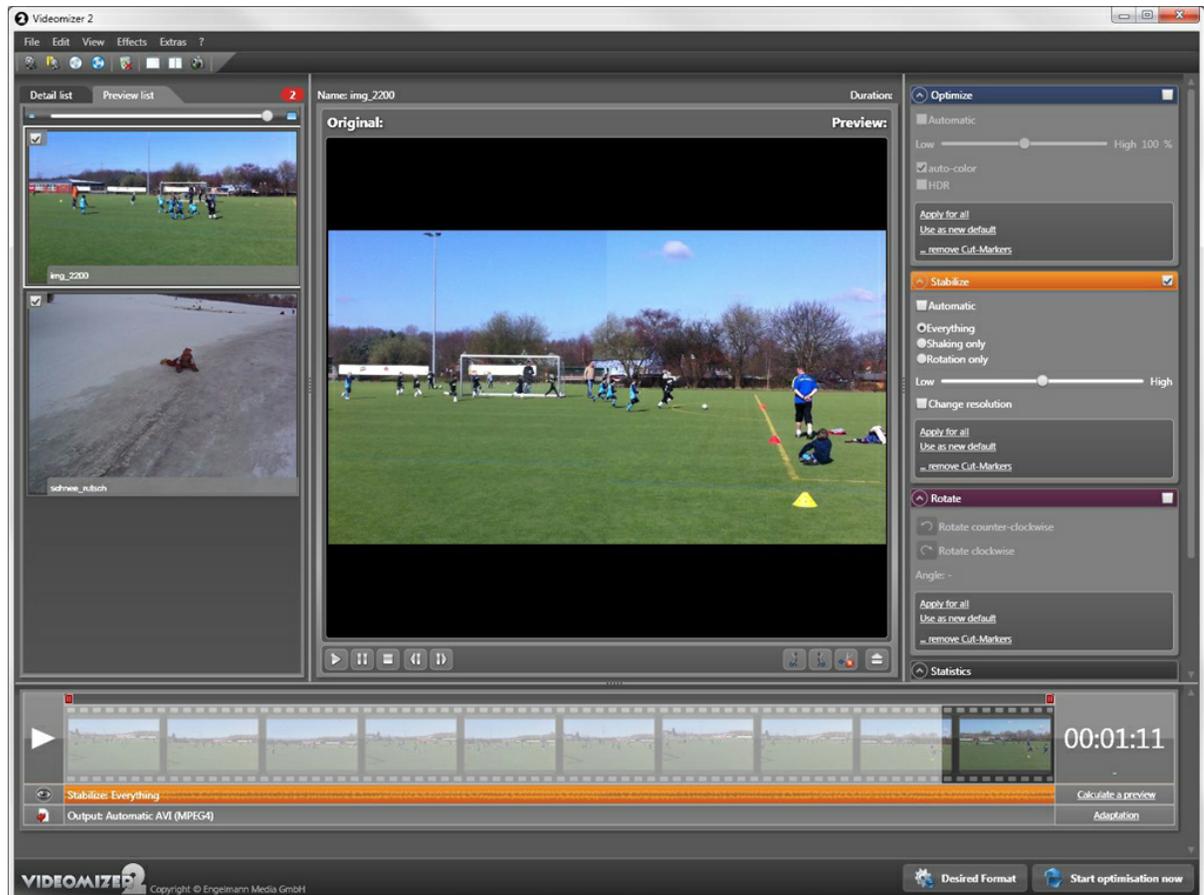
*Save blurred videos that you thought were beyond recovery*

With Videomizer 2, a small wonder becomes technical reality. The software stabilizes your blurred videos and removes large parts of undesired up-and-down movements and/or sideward movements. No matter whether the video was recorded with a handheld camera or whether you were in a driving car or on the move in any other way. The small wonder is realized thanks to the analysis of disturbing camera movements, an artificial reconstruction of the recording situation and finally by the best possible restoration of the original image by eliminating the detected sources of interference. This way, blurred and fuzzy takes are turned into astonishingly sharp and stable videos. Further improvements are possible for distortions and wobbling image impressions, juddering pan shots and jittering zooms. And all this can be achieved quasi freehand, i.e. without knowing details of recording conditions like exposure, aperture, lens and illumination. No question that in spite of the profound changes the dynamics of the video is kept as well as the intended expression.

### **Application fields**

Above all, the tool will delight the private user, who can considerably upgrade his videos recorded with

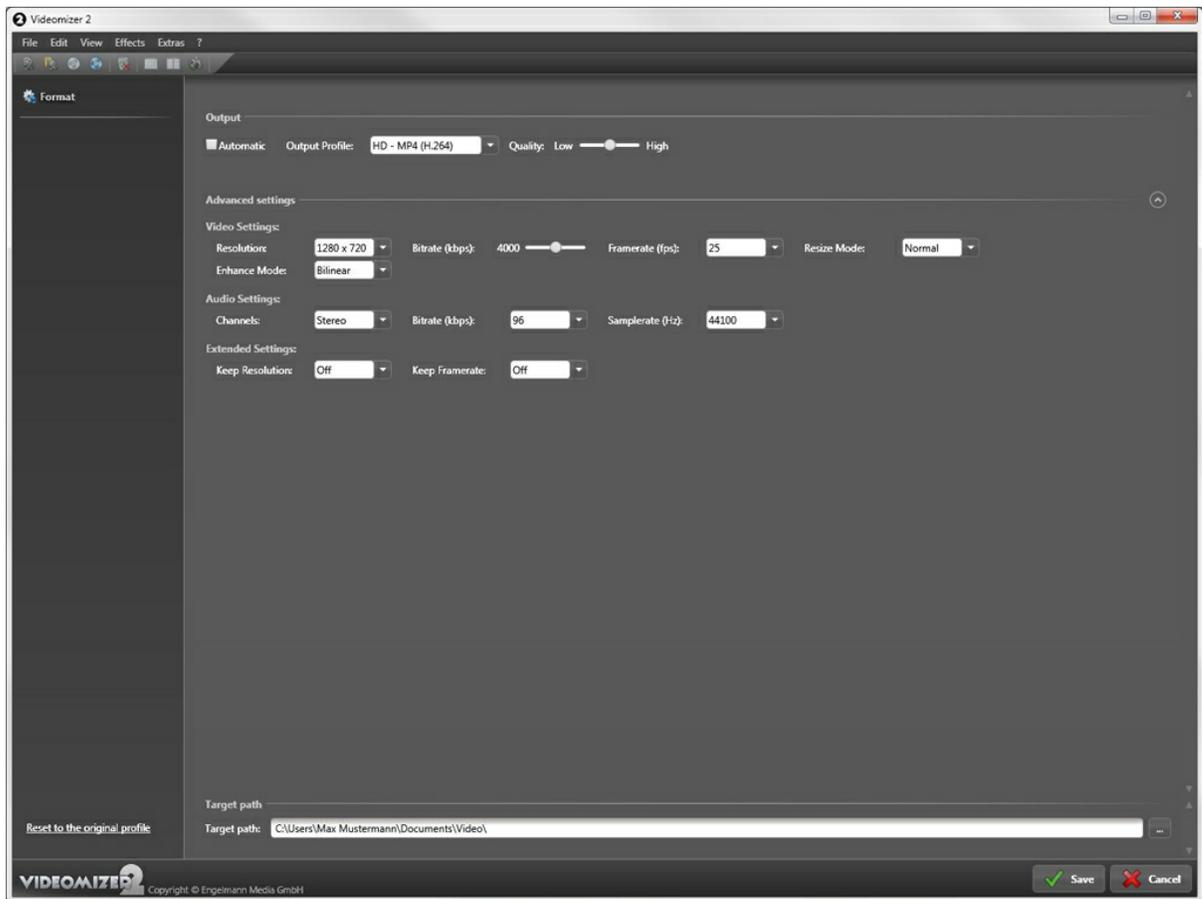
mobile phones, camcorders and other devices. Videomizer 2 is also suitable for upgrading digitalized Super-8- and VHS-videos and even silent movies from the early days of cinema, when the cameraman needed a steady hand for shooting.



Click to enlarge/ shrink.

## Conversion

Conversion of videos to a large number of formats is another special feature that Videomizer 2 can handle off the cuff and which makes the application stand out from competition. Instead of being dependent on the input format of the original material, the software converts your optimized videos and movies to nearly any other video standard. If you want, you can adjust output to the respective application and change parameters like resolution, frame rate and tonality manually.



Click to enlarge/ shrink.

### Program highlights

- Stabilization: Stabilization of unsteady handheld recordings
- Stabilization: Compensation of vibrations during recording
- Stabilization: De-blurring of tracking shots
- Stabilization: Optimization of object tracking (airplanes, birds, etc.)
- Stabilization: Compensation of juddering zooms
- Stabilization: Smoothing of videos taken from moving objects
- Stabilization: Compensation of geometric distortions in videos taken from moving objects
- Stabilization: Stabilization of wobbling images
- Automatic object recognition; only those image parts are manipulated, which help
- Optimization: optimize the overall impression
- Fully automatic re-adjustment of tonality, re-sharpening and contrast optimization
- Optimization:
- Color-intensive and more cheerful images through higher definition and re-sharpening
- Optimization: of matt colors
- Fully automatic system for hue control and saturation, white balance and bright/dark
- Optimization: correction
- Elimination of fog and other weather influences and undesired color casts
- Optimization:
- Video cut and real time preview (dual view for direct comparison)
- Optimization:
- Improved scene change detection
- Optimization:

- Manual adjustment of optimization on request
- Optimization:
- Conversion: Adjustment options for resolution, bit rate, frame rate and audio attributes (channels, bit rate, sample rate)
  - Conversion: Image adjustment for elimination of black bars like Stretch or Pan & Scan
  - Conversion: High-quality scaling filters, among them Lanczos and the extremely capable ODU
  - Conversion: Supported input formats: DVD-Video, AVI, WMV, MP4, 3GP, MPG, TS and more
  - Conversion: Supported output formats: AVI, MPG, MP4 and WMV, among others with profiles for iPod, iPad, Android, PlayStation Portable and other hardware
  - Conversion: Fully automatic batch mode for automated manipulation of several videos in a row
  - General: No training required; fully automatic stabilization, optimization and conversion
- 

## 1.2 Package content

The package contains the Videomizer 2 software, including a (electronic) help, a license and a serial number.

It is also possible to order Videomizer 2 on CD, including a printed help.

---

## 1.3 System requirements

To install the program, you need to have one of the following operating systems installed: *Windows 8*, *Windows 7*, *Windows Vista* or *Windows XP*.  
(Both, 32 Bit and 64 Bit are supported.)

Regarding the hardware, you need at least:

- CPU with 2 GHz
- 1 GB of RAM
- About 60 MB for the program installation
- Enough free space for the converted videos
- 1024x768 or higher screen resolution
- CD/ DVD /Blu-Ray drive (optional)
- Mouse or compatible device
- .NET framework 4.0 (will be installed automatically if needed)

\*Note that this hardware will only be enough for conversion.

To use all features of Videomizer 2, like the live-preview, we recommend:

- at least a Dual-Core CPU with 2,5 GHz
- at least 2 GB of RAM

**Hint:** An internet connection is required to activate the software.

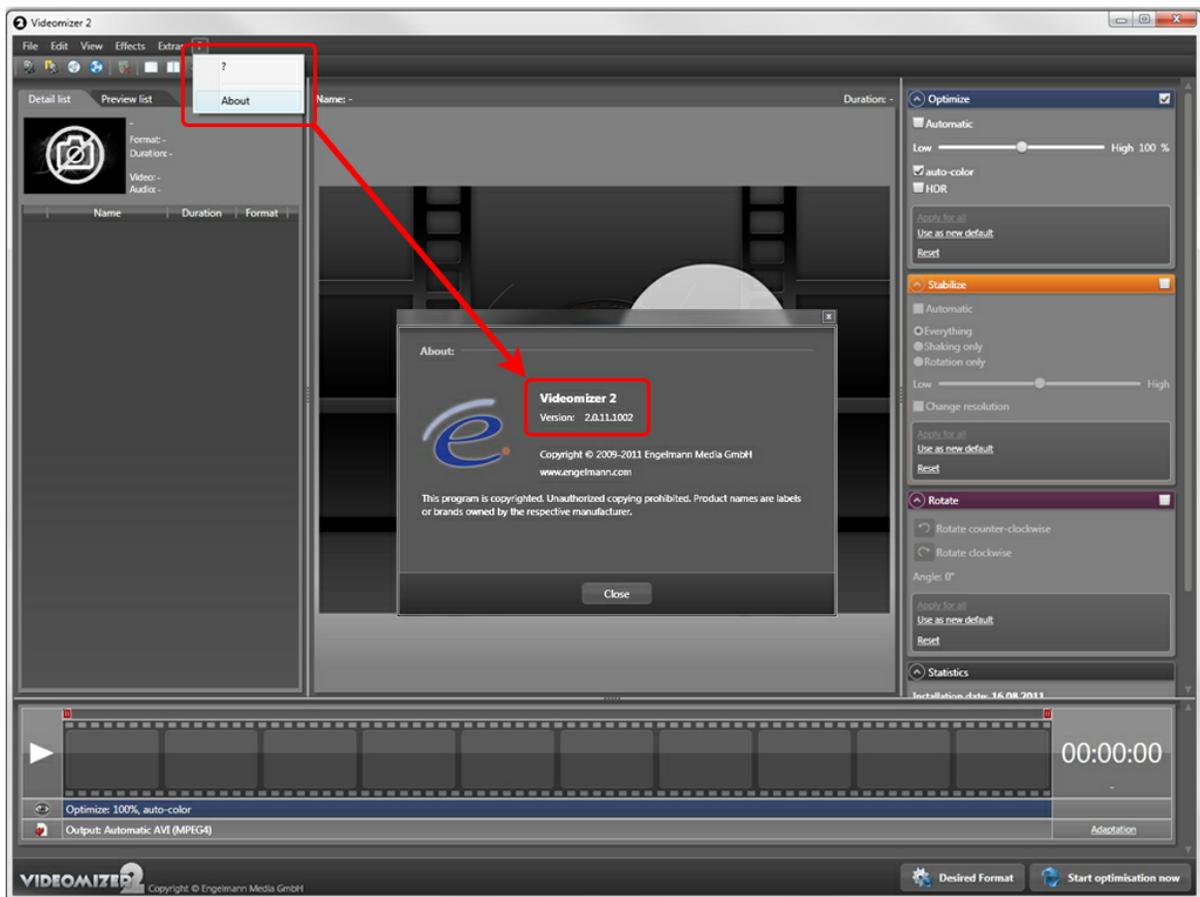
- \* A MP3-Codec cannot be installed by this software due to license restrictions and has to be installed on the system already. Supported MP3-Codecs are the Windows Media Player (10/ 11/ 12) codec and the freeware codec LAME (lame\_enc.dll).
- \* A MOV-Codec cannot be installed by this software due to license restrictions and has to be installed on the system already. The Quicktime Alternative codec is supported by this software.

## 1.4 Support

If you have trouble using Videomizer 2, please contact us. You can do this via the contact formula on our homepage: [www.engelmann.com](http://www.engelmann.com).

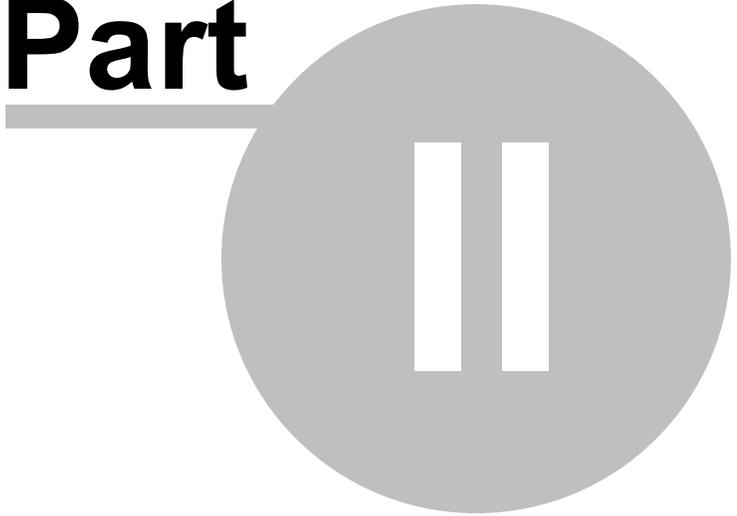
**Important!** Please add the following information to your request in order that we can help you as fast and easy as possible:

- Name (In this case Videomizer 2) and version of the program. You can find the version via '? --> About --> Version' (as shown on the picture)
- Name and edition of your operating system as well as installed service packs.
- A short error description and how often the error happens (in-/ frequent). If possible, please add a screenshot displaying the error message.



Click to enlarge/ shrink.

**Part**



## 2 First steps

This chapter holds all important information to setup Videomizer 2 on your PC.

- Installation<sup>[14]</sup>: How to install Videomizer 2.
- Program start<sup>[16]</sup>: How to start Videomizer 2.
- Demo<sup>[16]</sup>: All information regarding the demo version.
- Licensing<sup>[17]</sup>: How to buy and register Videomizer2.
  - Buy Videomizer2: The easiest way to buy Videomizer 2.
  - Register Videomizer2: How to register Videomizer 2.
- Updates<sup>[20]</sup>: All important information about updates and how to get them.

### 2.1 Installation

Please follow these steps to install Videomizer 2:

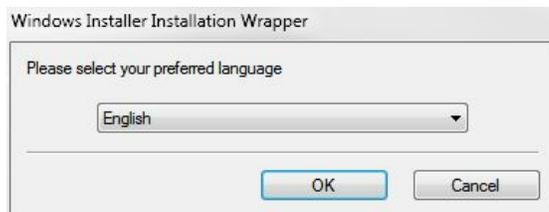
1. Save all data and close all open programs.
2. If you own Videomizer 2 on CD, please insert it. Generally, the setup assistant will start automatically. If not, change to your CD-Rom drive and start the setup file manually. (e.g. D:\Setup.exe)
3. If you have downloaded the setup file, please start it now. If you still have to download the setup go to <http://www.engelmann.com>

The setup assistant will guide you step by step through the installation process. As in every other setup, the following rules apply:

- Next:* By clicking on *Next* you will get to the next installation step.
- Back:* By clicking on *Back* you will get to the previous installation step.
- Install:* *Install* starts the installation of the program. Until you click on this button, no changes are made to your system.
- Cancel:* Cancels the installation.

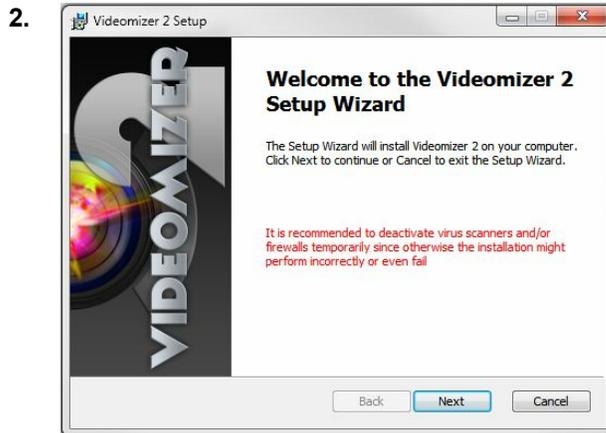
**Tip:** Are the pictures too small? Simply click on them and they will increase!

#### 1. Windows Installer Installation Wrapper



First, select the language you want to use while the installation and in the program. You can also change it after the installation.

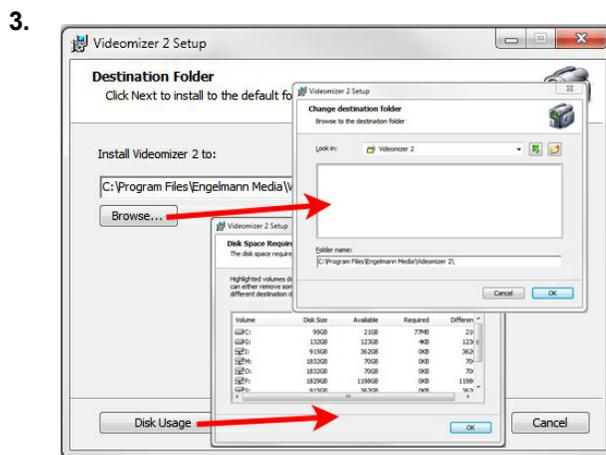
Click on *OK*.



Despite our effort, we cannot completely eliminate the possibility of false alarms by virus scanners and complications made by firewalls.

Therefore we ask you to shutdown these tools while the installation. Furthermore you should disconnect your system from the internet while your security tools are offline.

Click on *Next*.



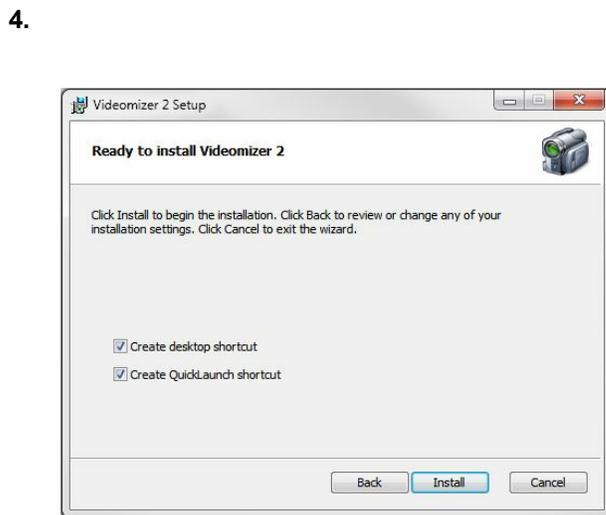
Here you can change the installation path and lookup if your hard drive has enough free space. For the latter, simply click on *disk space*. Disks with less free space than needed are marked.

You can use two ways to change the installation path:

Either you know your PC good enough to enter the path manually or you click on *Change...*

In this case a new window will open up where you can browse your system and choose the installation path by clicking on *OK*.

Click on *Next*.



Now you can choose if the setup assistant will create shortcuts or not.

The *Desktop shortcut* creates a symbol on your desktop which allows you to directly start Videomizer 2 via this link.

*Add to quick start* will add a symbol to the quick start bar, which is located in the task bar (The bar on the lower border of windows).

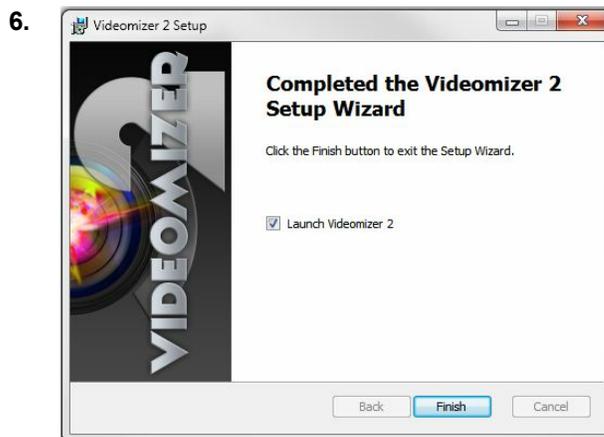
**Hint:** Normally the *quick start bar* is not enabled in *Windows Vista, Windows 7 or Windows 8*.

Therefore you will not see any change if you enable this option but it will also not have any bad influence on your system.

Click on *Install* to start the installation of Videomizer 2.



This window shows the installation progress. Just wait until the next window is shown.



This is the last window of the installation. You can choose if Videomizer 2 will be started directly after the installation has finished or not.

Click on *Finish* to complete the installation.

**Important:** Don't forget to restart your security software you may have closed in step 2 as well as to reconnect to the internet!

## 2.2 Program start

After you successfully installed Videomizer 2 you can start it via:

- The start menu: 'Start --> All programs --> Engelmann Media --> Videomizer 2'
- The desktop: Simply double-click the Videomizer 2 symbol on your desktop (if you have created one during installation).
- The quick start bar: Click the Videomizer 2 symbol in the quick start bar. (**Hint:** Normally the *quick start bar* is not enabled in *Windows Vista*, *Windows 7* or *Windows 8*.)

**Hint:** Please be certain that your PC is connected to the internet before you start Videomizer 2 for the first time, because it is needed for registration.

## 2.3 Demo

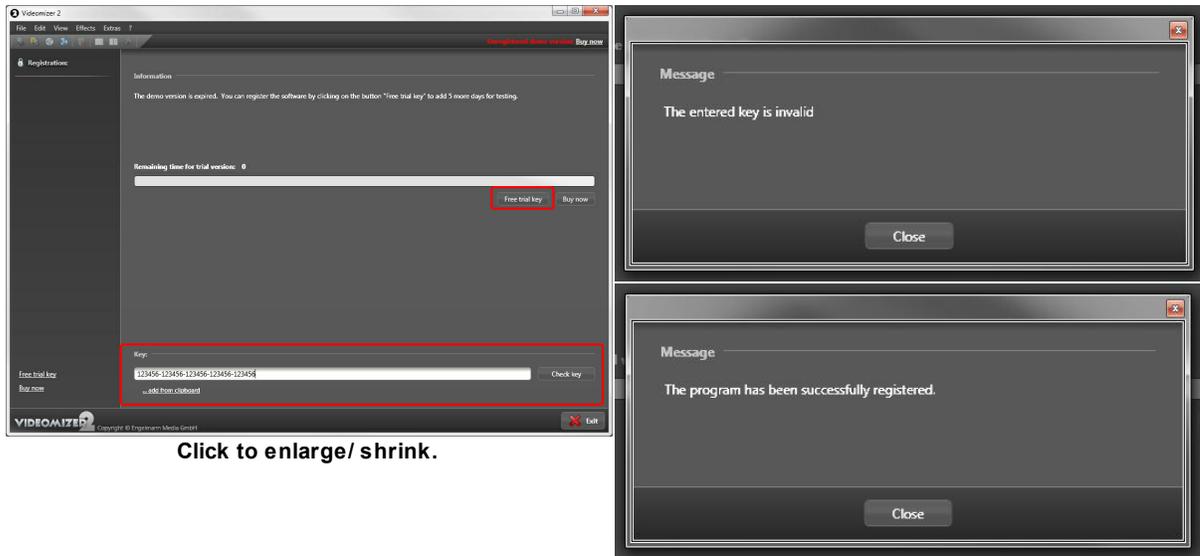
Videomizer 2 can be tested for two days as a restricted demo - this means that only half of the video will be converted.

If Videomizer 2 already has convinced you and you want to buy it, please go to the chapter [Licensing](#) <sup>17</sup>.

If you want to test Videomizer 2 for five more days and with the possibility to convert up to ten videos completely, you have to click on *Free Trial-Key* in the startup window (see picture).

You will then receive an email, containing a serial key. Please copy this key and insert it in the *Serial-Key* box. Alternatively you can click on *Insert key from clipboard*. After this, click on *Test key* and a message will appear, telling you if the key is valid or not.

**Hint:** An internet connection is necessary to validate the serial key!



## 2.4 Licensing

Please choose the scenario which fits for you best and click on the link:

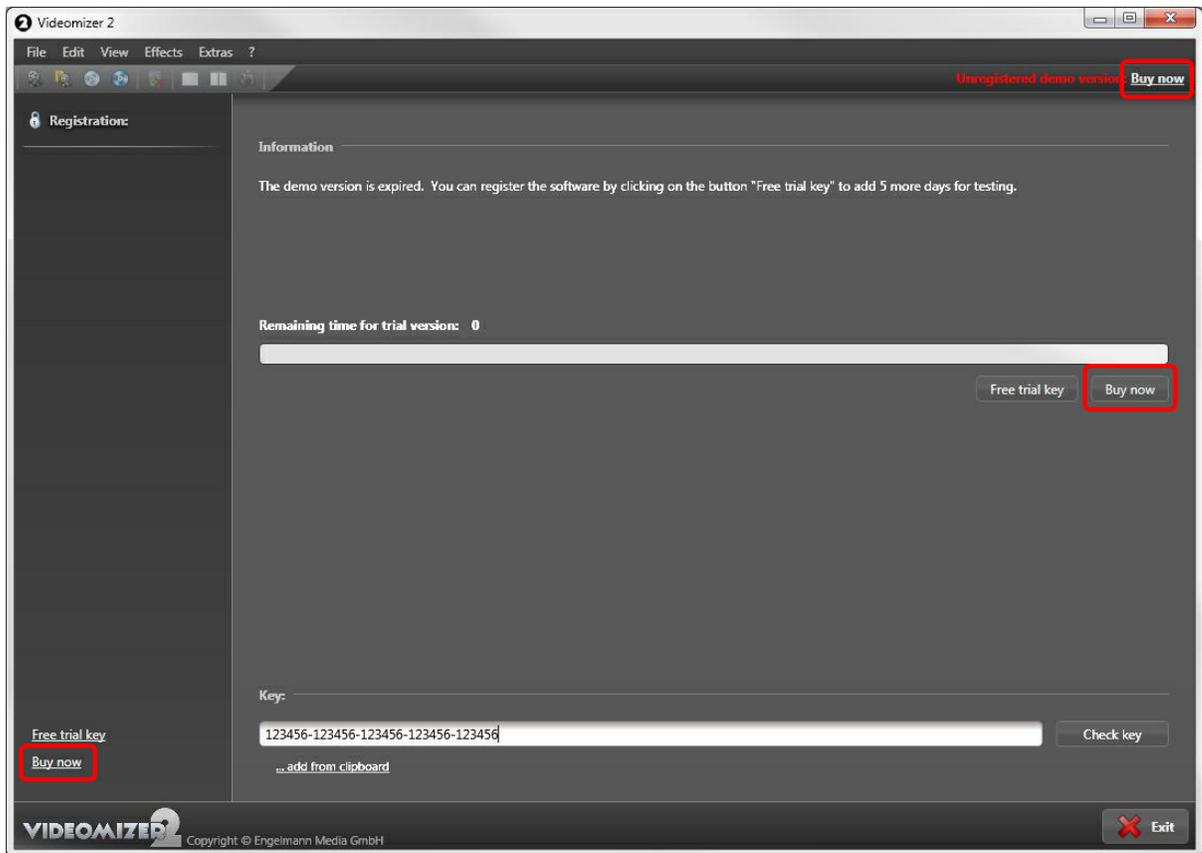
- [Videomizer 2 convinced me and I want to buy it!](#)<sup>[17]</sup>
- [I already own a license for Videomizer 2 and want to register it!](#)<sup>[19]</sup>

### 2.4.1 Buy

There are several ways to achieve a copy of Videomizer 2, like buying it on our homepage [www.engelmann.com](http://www.engelmann.com) or go to a shop. In that case change to this chapter<sup>[19]</sup>.

However this chapter will show you the **easiest** way possible. Start your already installed demo of Videomizer 2 and click on one of the *Buy now* buttons (as shown in the picture).

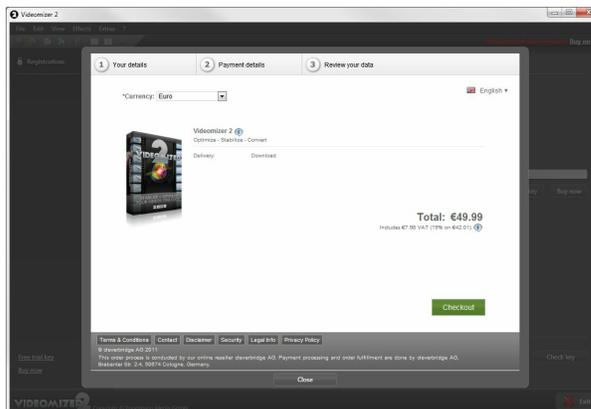
**Hint:** An internet connection is necessary for all upcoming steps!



Click to enlarge/ shrink.

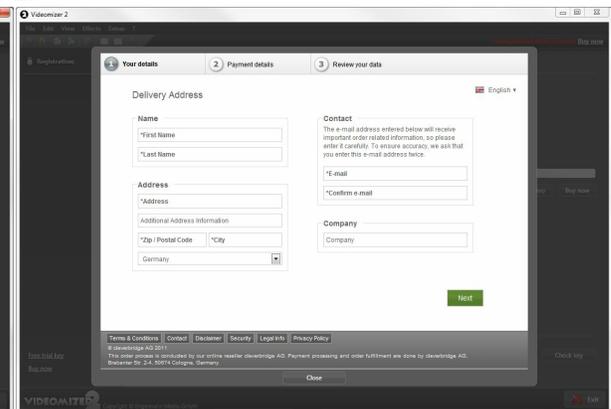
After you clicked on a *Buy now* button, a new window will appear which will guide you step by step through the purchase of Videomizer 2:

1.



Click to enlarge/ shrink.

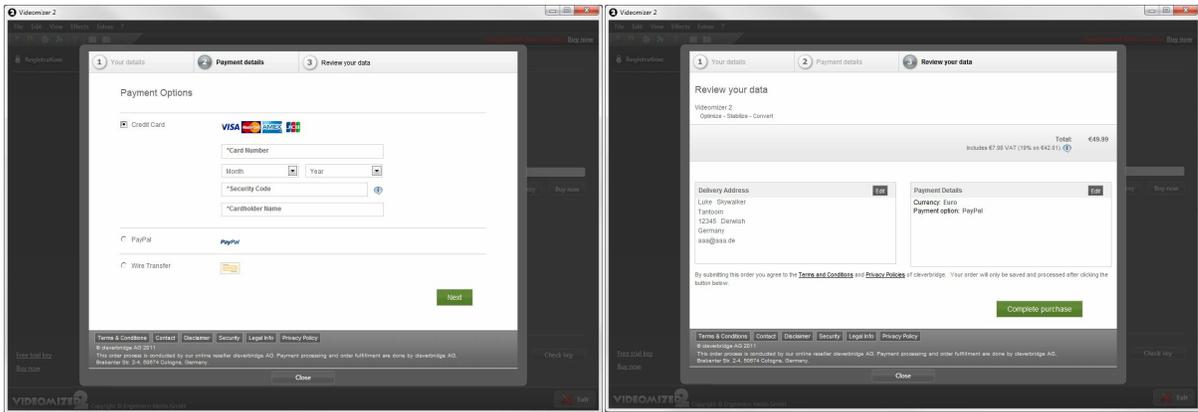
2.



Click to enlarge/ shrink.

3.

4.



Click to enlarge/ shrink.

Click to enlarge/ shrink.

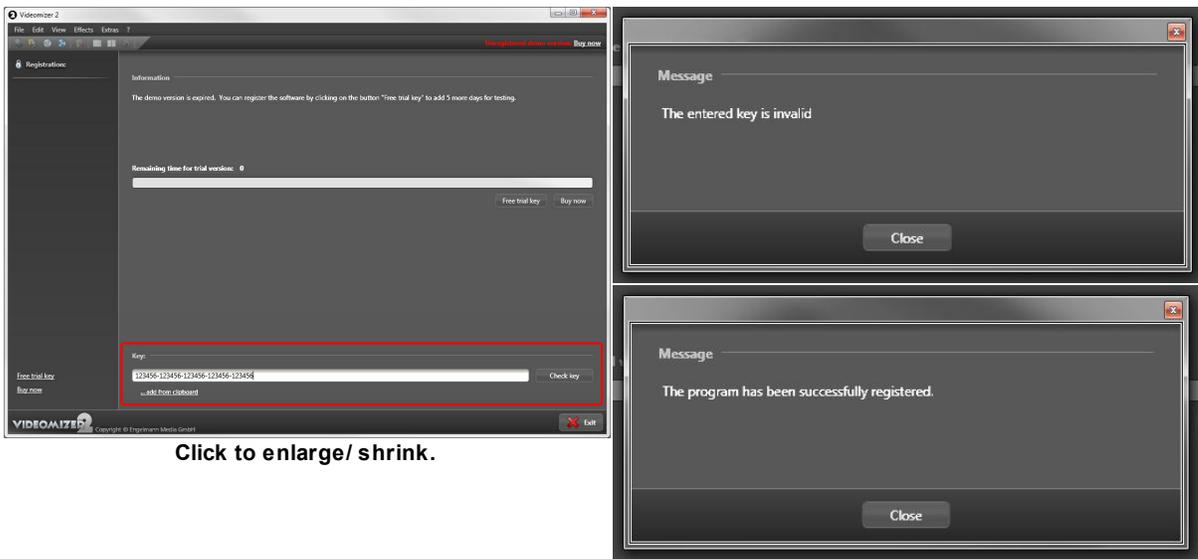
After you finished the purchase, a message will appear, telling you that Videomizer 2 is successfully registered. You are done and can use Videomizer 2 with no restrictions.

## 2.4.2 Register

**Hint:** If you have bought Videomizer 2 after you used up your demo time, you don't need to uninstall the demo and install the bought version.

Even if you have bought Videomizer 2, the first window that will be displayed is the demo window. To register your version of Videomizer 2 you have to copy the serial number into the *Serial-Key* box. If you purchased Videomizer 2 online, the serial key has been send to you in an email. In this case, simply copy it and insert it into the *Serial-Key* box or click on *Insert key from clipboard*. In the case that you bought Videomizer 2 in a box, you have to enter it manually into the *Serial-Key* box. After you have entered the key, click on *Test key* and a message will appear, telling you if the key is valid or not.

**Hint:** An internet connection is necessary to validate the serial key!

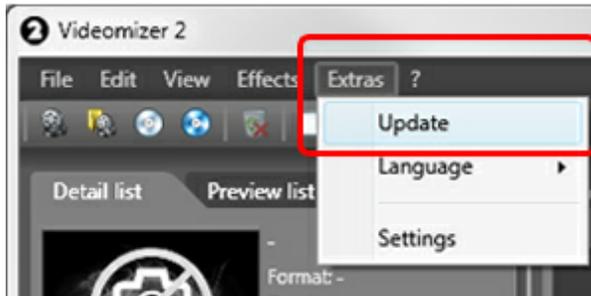


Click to enlarge/ shrink.

## 2.5 Updates

All licensed users will get free updates for their version of Videomizer 2!

To search for updates, click on 'Extras --> Update' in the menu bar. The update check takes nearly no time and should be done on a regular base.

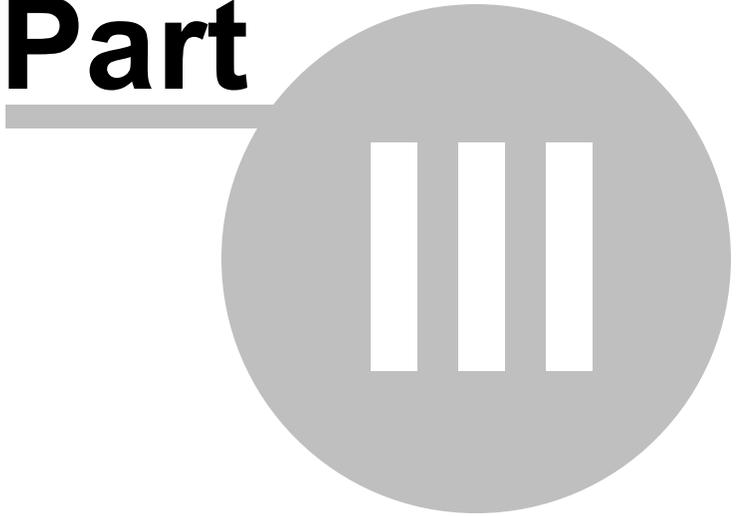


**Tip:** If you activate the *Activate automatic updates* option in the general settings [\[48\]](#), Videomizer 2 will automatically check for updates at every program start.

**Hint:** The update assistant transfers only program data like the version number and will never send any personal information!

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**Part**



### 3 Brief instruction

Welcome to the brief instructions on Videomizer 2.

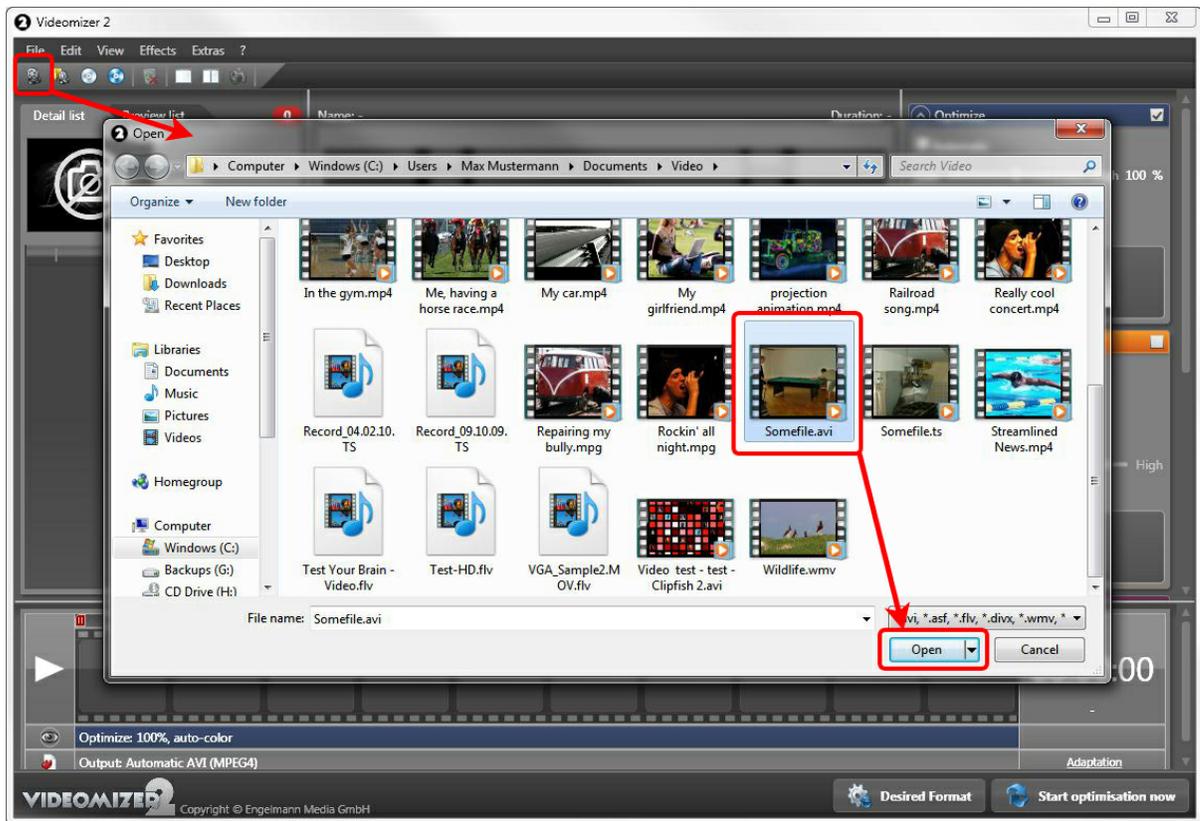
This instruction will guide you step by step and with lots of pictures to your first edited and optimized video. We recommend that you read through these chapters one by one to understand everything right from the beginning:

- Add files<sup>[22]</sup>: This chapter shows how to add video files to the program.
  - The player<sup>[24]</sup>: I explain, how the player works.
  - Editing<sup>[26]</sup>: Here you will see how to edit your videos.
  - Optimization<sup>[27]</sup>: Now we are getting started. I will explain how to optimize your video and give tips how to achieve the best results.
  - Output settings<sup>[28]</sup>: We will take a look on the output settings and what we have to pay attention for.
  - Start the optimization<sup>[30]</sup>: Just a few more thinks to get your video "finished".
- 

#### 3.1 Add files

**Hint:** We recommend that you use a single and short video for the first time, because the optimization is a time-consuming process. Using a whole movie for example will result in a long wait for your first results.

Click on the film reel symbol in the icon bar, located in the upper left corner of the program window. A new window will appear. Browse to the video you want to optimize and load it to the program by selecting it and then clicking on *Open*.



Click to enlarge/ shrink.

Your Videomizer 2 window should now look like the window in the picture. The important change is the appearance of the video in the input list (marked in the picture). Now you can go to the chapter "The player<sup>24</sup>".

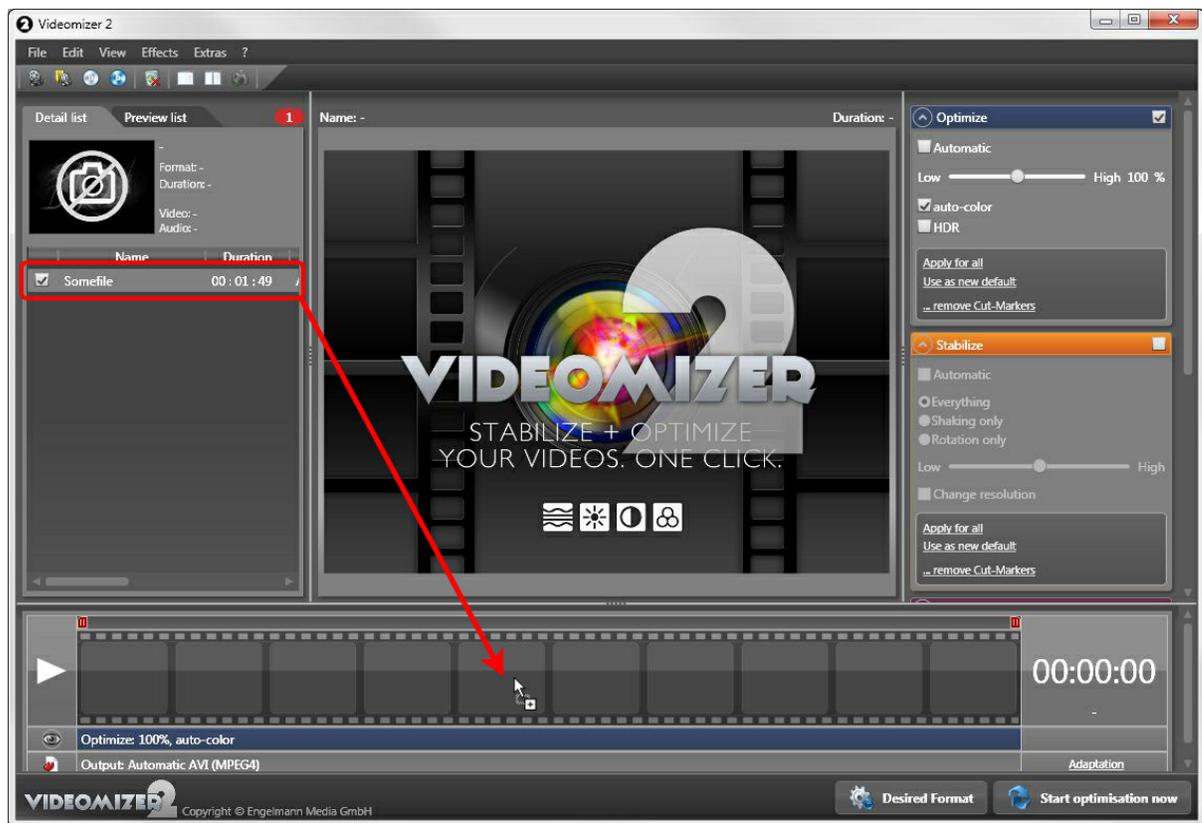


Click to enlarge/ shrink.

To get more detailed information about adding videos to the program, look in the chapters "The menu bar [35]" and "The input list [37]".

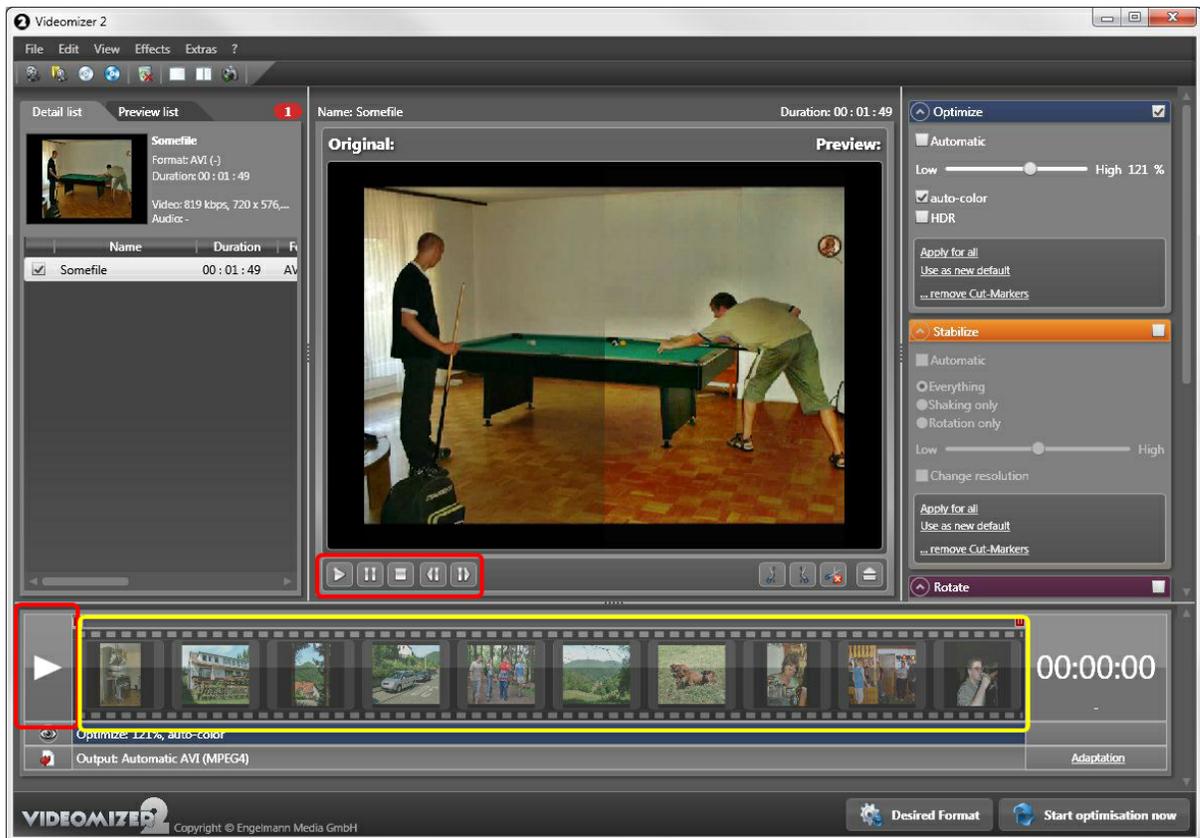
## 3.2 The player

The player is the main component in Videomizer 2. Regardless if you want to optimize, stabilize, rotate or edit your video, the first thing you have to do is loading the video to the player. There are two possible ways to load a video to the player. The first is to simply double-click a video in the input list. The second one is to drag&drop a video from the input list onto the timeline.



Click to enlarge/ shrink.

It may take some time until the video is loaded into the player, depending on video length and file size. After all, your Videomizer 2 window should look like the one shown in the picture. You are also able to control the video playback by using the *Play/ Pause/ Stop/ Skip*- buttons (marked red) now. If you want to jump to a specific time in the video, simply click on the timeline (marked yellow).



Click to enlarge/ shrink.

After you made yourself familiar with the player controls, go to the chapter "Editing<sup>26</sup>". If you want to get more information about the player, go to the chapter "The preview<sup>39</sup>".

### 3.3 Editing

If you don't want to edit your video, simply go to the chapter "Optimization<sup>27</sup>".

To edit a video, it needs to be loaded to the player, like it is described in the chapter "The player<sup>24</sup>".

Beneath the player, on the right side, are four buttons located. Only the left three are important for us now. They are called *Set start position*, *Set end position* and *Remove cut markers*. (The names are displayed after you hover for a short time with the mouse over the button.)

These buttons are all we need to edit your video. First jump to the position in your video, where you want to start it. Now click on *Set start position*. Jump to the position you want to end your video with and click on *Set end position*. If you only want to cut some from the start, you don't have to set the end position and vice versa. Have you changed your mind and don't want to cut anything click on *Remove cut markers*.

You can see if everything went well in the timeline. All what is marked dark grey will be cut out.



Click to enlarge/ shrink.

After you have edited your video, or choose to leave it as is, go to the chapter "Optimization<sup>27</sup>". If you want to get more information on editing videos, goto to the chapter "The preview<sup>39</sup>" or "The edit area<sup>43</sup>".

### 3.4 Optimization

Lets talk about the main feature of Videomizer 2 - optimization. First, and already mentioned more than one time, you have to load the video to the player, if not already happened.

Now take a look to the right side of the program window. There are at least three areas, called **Optimization**, **Stabilization** and **Rotate**. In this brief instruction we will only take a look on **Optimization** but all other are as easy.

|                               |  |  |
|-------------------------------|--|--|
| - <b>Automatic:</b>           | Activate this option and Videomizer 2 will take care of all optimization settings. |  |
| - <b>Low --- High Slider:</b> | This slider controls the strength of the optimization.                             |  |
| - <b>auto-color:</b>          | Activate this option if you want that Videomizer 2 optimizes the colors too.       |  |
| - <b>HDR:</b>                 | Activates the HDR-simulation ( <i>High dynamic range</i> ).                        |  |
| - <b>Apply for all:</b>       | Click on this option to apply the made settings to all videos in the input list.   |  |

- *Use as new default:* If you have found settings that are better than our default settings, click on this to save them as new default settings.
- *Reset:* Resets everything to our default settings.

(More information about this settings can be found here: "Optimizing, Stabilizing and Rotating" <sup>[42]</sup>.)

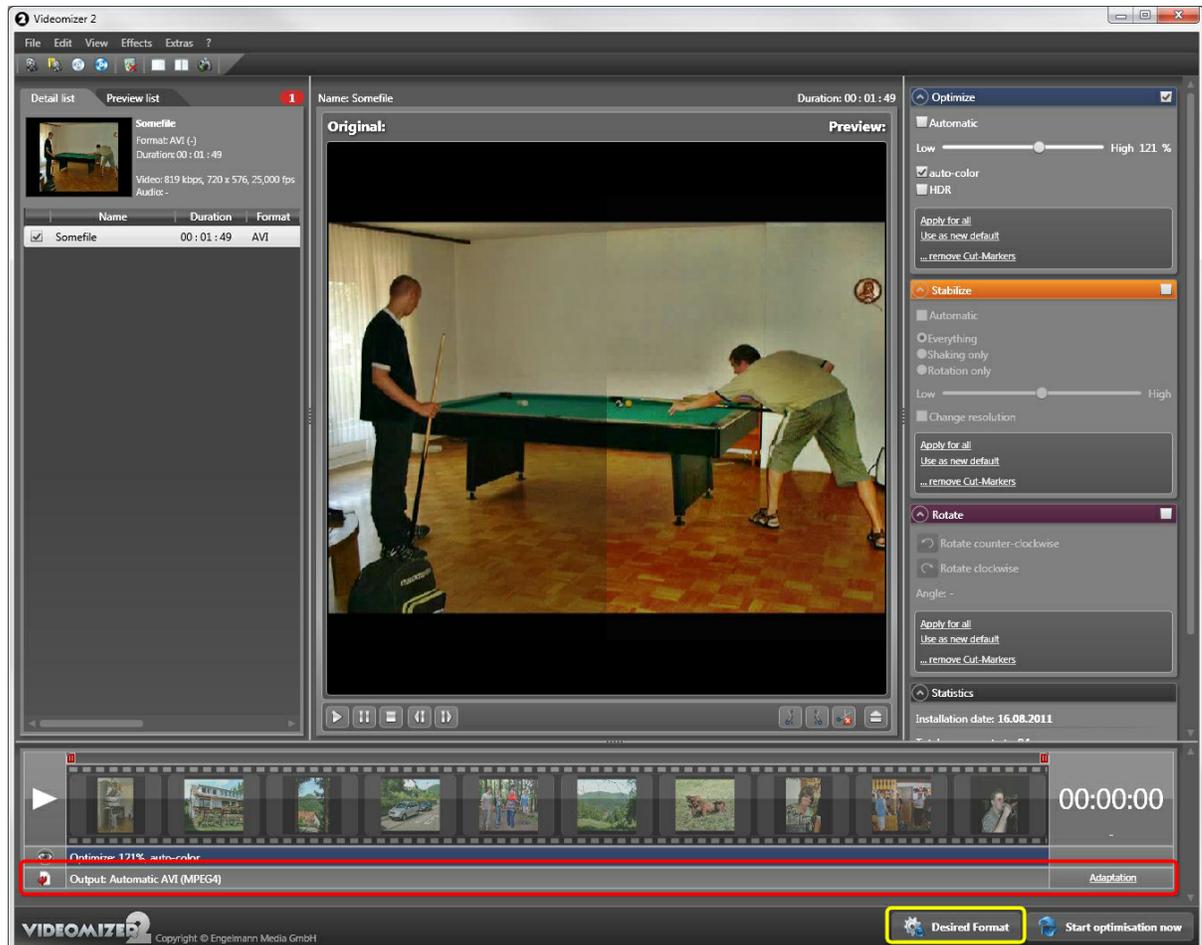
**Hint:** If the *Optimization* area is disabled, click on the check-box next to "*Optimization*" to activate it.

I assume that you will use the default settings while using this brief instruction. Therefore you have nothing else to do than changing the *Low --- High Slider* until you are satisfied with the looks of your video in the preview.

After you are happy with the optimization, go to "Output settings" <sup>[28]</sup>.

### 3.5 Output settings [Brief instruction]

To simply check the general *output settings* you can take a look on the *settings-overview* right beneath the timeline (marked red). To get more details, you have to click either on *Adaption* in the *settings-overview*, or on *Output settings* in the lower right corner of the program window (marked yellow).

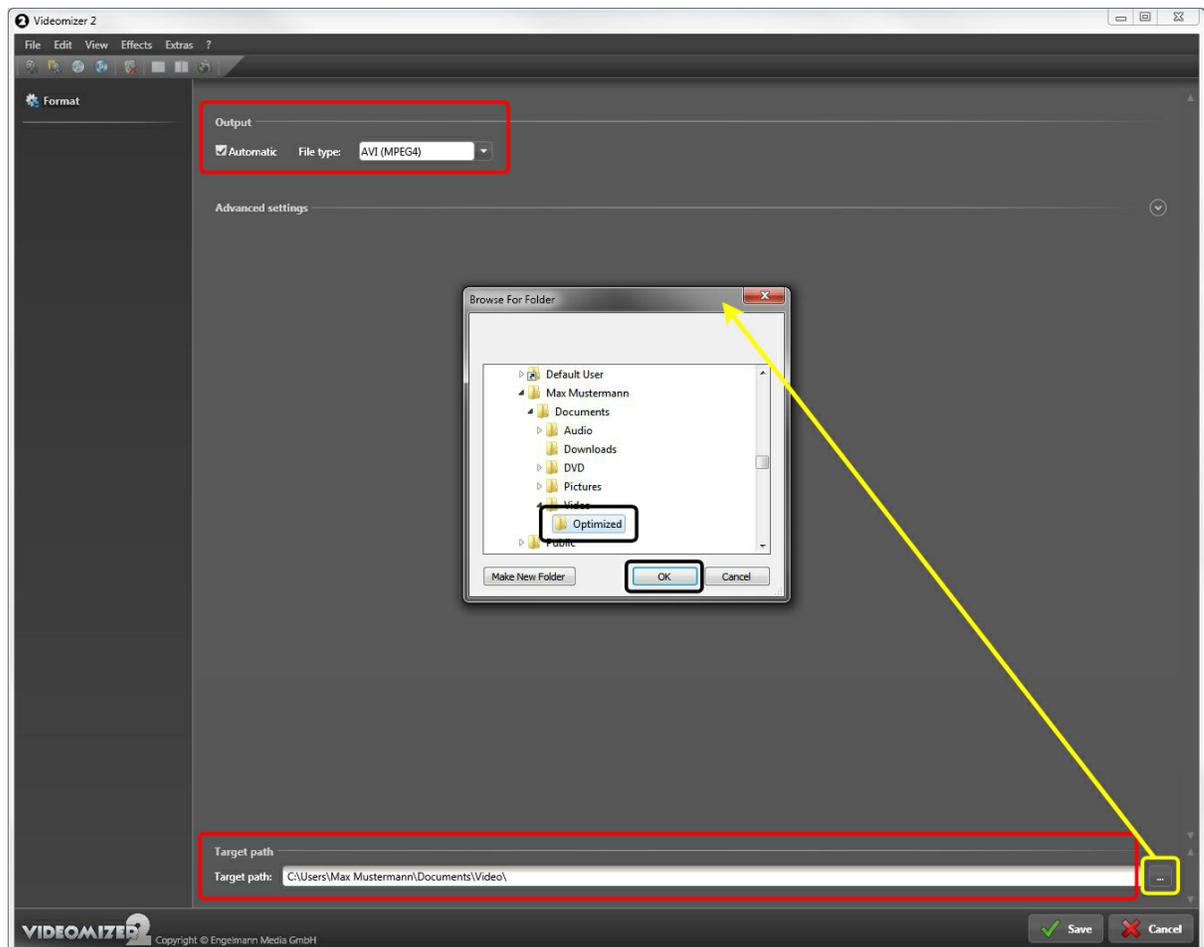


Click to enlarge/ shrink.

After the program window changes to the *output settings* you can see what are your settings in detail. How much you see depends on the *Automatic output* option. Is this option deactivated, the window holds information about a lot of settings which are not important to this instruction. Please activate the *Automatic output* option if it is deactivated.

Now select one of the output formats by clicking on the drop-down box. I used the "AVI (MPEG4)" format, but you are free to use what you want.

At last, check the output path. That is the path where your optimized videos will be saved. It stands in the box on the lower border of the *output settings* window (marked red). To change this path (if necessary) click on the ...-button next to it. Browse to the directory where you want to save your new videos and click on OK (marked black).



Click to enlarge/ shrink.

If you don't want to use the easy way of *Automatic output* but to use all possible settings available, please go to "Output settings<sup>50</sup>".

Don't forget to save your made changes by clicking on *Save*.

To finish this instruction go to "Start the optimization<sup>30</sup>".

### 3.6 Start the optimization

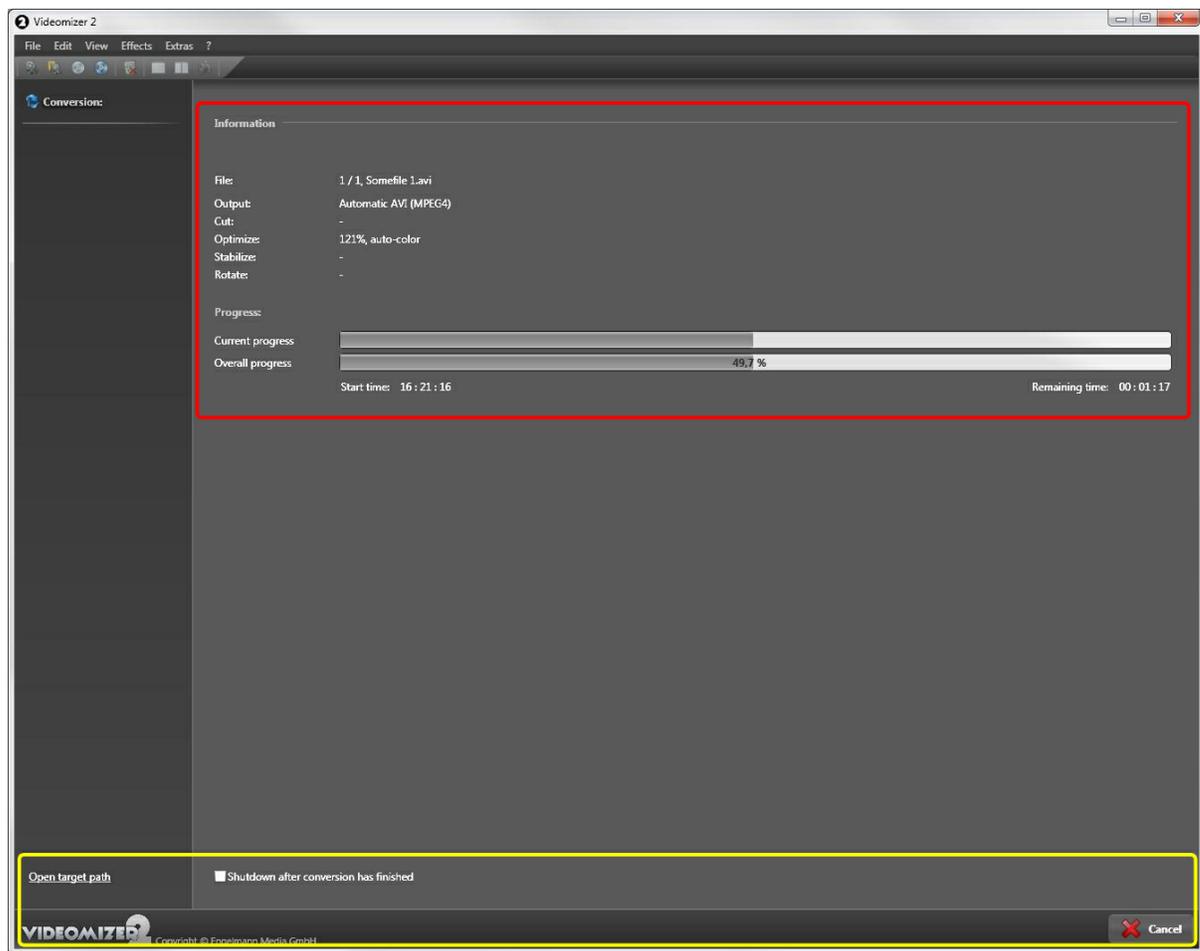
To start the optimization of your video, simply click on *Start optimization now* in the lower right corner of the program window.



Click to enlarge/ shrink.

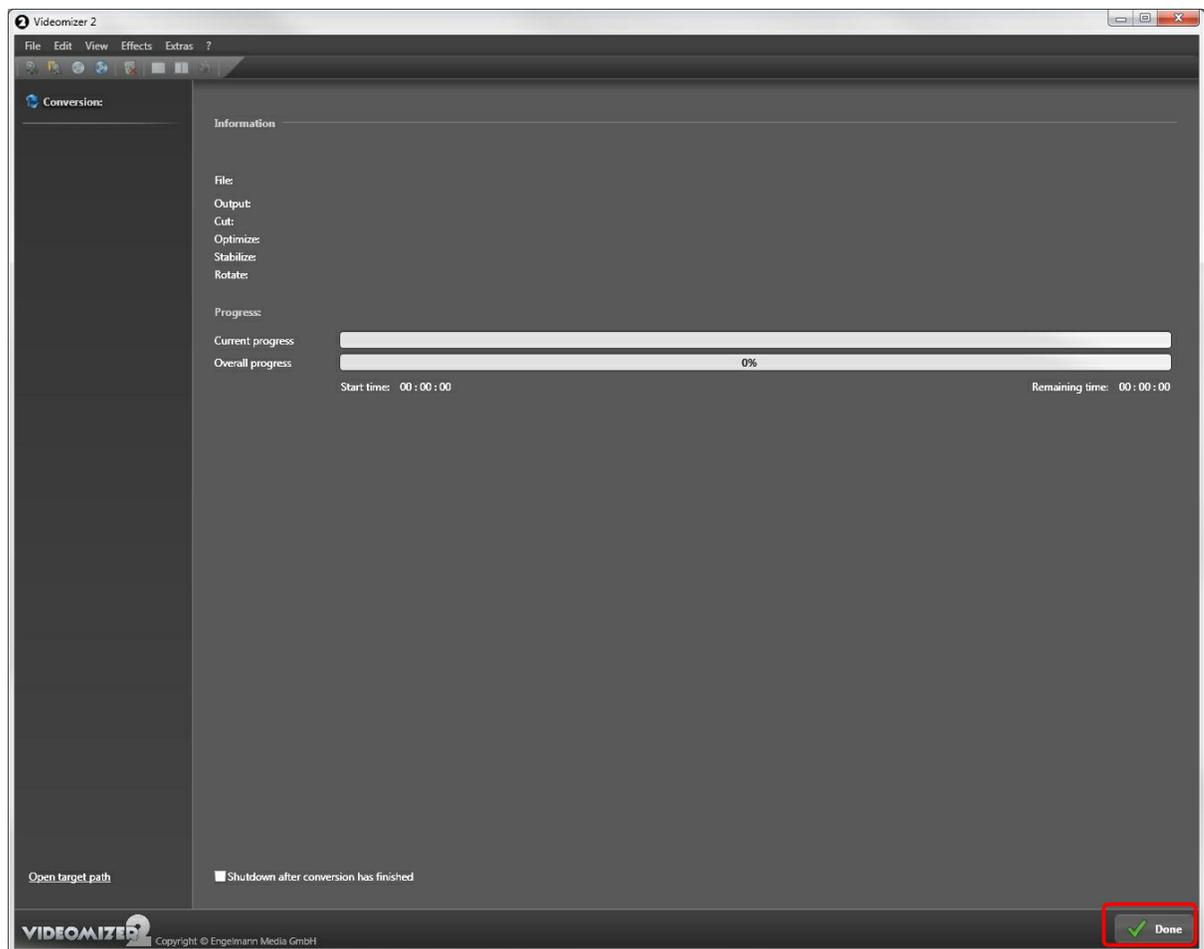
The program window changes to the optimization/ conversion window, containing some information about the process, like which *file* is currently being optimized, what *output settings* are used for this file and information about the *Optimization*, the *Stabilization* and the *Rotating* settings. Furthermore two progress bars are displaying how far the process is on the *Current* file and *Overall*. (All marked red in the picture)

In addition there are three more options you can choose from to alter the behaviour of Videomizer 2: *Open target directory*, *Shutdown PC after conversion has finished* and *Cancel* (marked yellow). For more information about this options go to "The conversion<sup>[45]</sup>".



Click to enlarge/ shrink.

After the conversion has finished, Videomizer 2 displays a message. Click on *OK* to close the message and on *Finish* to change back to the program window (marked red).



Click to enlarge/ shrink.

Congratulations! You have successfully optimized your first video and you are now able to use Videomizer 2. If there are some questions left, go to "The interface<sup>34</sup>" or "Settings<sup>48</sup>" to get more detailed information.

You can't find an answer, you are missing a topic or you cannot even use Videomizer 2 because of a bug? Contact our "Support<sup>12</sup>" and we are pleased to help you.

**Part**



## 4 The interface

This part focuses on the interface of Videomizer 2. To make it as easy as possible you can simply click on the area of the picture you want help for.

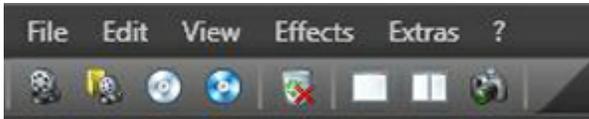


Alternatively you can follow one of the following links:

- The menu bar<sup>35</sup>
  - File, Edit, ...<sup>35</sup>
  - The icons<sup>36</sup>
- The optimization area<sup>36</sup>
  - The input list<sup>37</sup>
  - The preview<sup>39</sup>
  - Optimizing, Stabilizing and Rotate<sup>42</sup>
- The edit area<sup>43</sup>
  - The timeline<sup>44</sup>
  - Settings - overview<sup>44</sup>
- The conversion<sup>45</sup>

## 4.1 The menu bar

Videomizer 2's menu bar is separated into two parts:



Please click on the part you want to get more information about.

Alternatively you can follow one of the following links:

- File, Edit, ...<sup>[35]</sup>
- The icons<sup>[36]</sup>

### 4.1.1 File, Edit, ...

This bar offers all main features of Videomizer 2 in structured form as well as some options which are not directly reachable via the main interface.

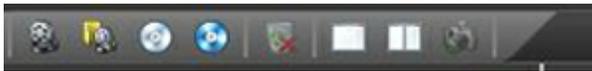


|            |                      |  |
|------------|----------------------|--|
| - File:    | 1. Open file...      | See "Open file..." <sup>[58]</sup>   |
|            | 2. Open folder...    | See "Open folder..." <sup>[60]</sup>   |
|            | 3. Load DVD...       | See "Load DVD..." <sup>[61]</sup>  |
|            | 4. Load Blu-ray...   | See "Load Blu-Ray..." <sup>[62]</sup>  |
|            | 5. Exit              | Exits Videomizer 2.  |
| - Edit:    | 1. Open directory... | Opens the Windows Explorer, pointing to the directory which contains the currently selected video.                             |
|            | 2. Activate          | Adds the currently selected video to the conversion. (You can do this by the activated check-box in front of the entry.)       |
|            | 3. Deactivate        | Removes the currently selected video from the conversion. (You check this by the deactivated check-box in front of the entry.) |
|            | 4. Activate all      | Adds all videos in the input list to the conversion.   |
|            | 5. Deactivate all    | Removes all videos in the input list from the conversion.  |
|            | 6. Delete entry      | Deletes the entries of the currently selected videos in the input list. (The videos will NOT be deleted from your hard drive.) |
|            | 7. Clear list        | Clears the complete input list. (The videos will NOT be deleted from your hard drive.)   |
| - View:    | 1. Single view       | See "Single-/ Split-view..." <sup>[63]</sup>   |
|            | 2. Split view        | See "Single-/ Split-view..." <sup>[63]</sup>   |
|            | 3. Screenshot        | Creates a screenshot of the shown picture in the preview. See "Screenshots..." <sup>[66]</sup>                                 |
| - Effects: | 1. Optimize          | Activates the optimization filter. See "Optimizing, Stabilizing and Rotate..." <sup>[42]</sup>                                 |
|            | 2. Stabilize         | Activates the stabilization filter. See "Optimizing, Stabilizing and Rotate..." <sup>[42]</sup>                                |
|            | 3. Rotate            | Activates the rotation filter. See "Optimizing, Stabilizing and Rotate..." <sup>[42]</sup>                                     |

|           |                    |  |
|-----------|--------------------|--|
|           |                    | [42]"  |
|           | 4. Show statistics | Displays the statistics. See "Show statistics [65]"  |
| - Extras: | 1. Update          | Opens the update dialog. See "Updates [20]"  |
|           | 2. Language        | Enables you to change between (supported) languages. See "Language [66]"                   |
|           | 3. Settings        | Opens the general settings. See "General settings [48]"                                    |
| - ?:      | 1. Help            | Opens this help.   |
|           | 2. About           | Opens a window with general information about Videomizer 2. (Which are ne for the support) |

### 4.1.2 The icons

The icons offer a fast and easy usage of the main features of Videomizer 2. Following features are hiding behind this icons:



|   |  |
|---|--|
|    | Open file... See "Open file... [58]"   |
|    | Open folder... See "Open folder... [60]"   |
|   | Load DVD. See "Load DVD [61]"  |
|  | Load Blu-Ray. See "Load Blu-Ray [62]"  |
|  | Clears the input list. (The videos will NOT be deleted from your hard drive.)              |
|  | Change preview to single view. See "Single-/ Split-view [63]"                              |
|  | Change preview to split view. See "Single-/ Split-view [63]"                               |
|  | Creates a screenshot of the currently shown picture in the preview. See "Screenshots [66]" |

## 4.2 The optimization area

Probably the most important area of Videomizer 2, the optimization area is used to operate nearly all main features by only a few clicks. To get more information about a certain area, just click on the picture.



Alternatively follow one of the following links:

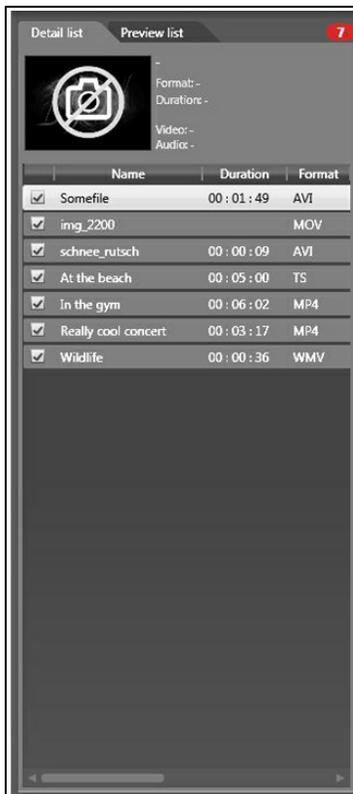
- The input list<sup>[37]</sup>
- The preview<sup>[39]</sup>
- Optimizing, Stabilizing and Rotate<sup>[42]</sup>

## 4.2.1 The input list

The input list is used to administrate the videos you want to optimize. It mainly consists of the **Detail-list**, the **Preview-list** and the **Context-menu**.

**Hint:** You cannot use the *Details-list* and the *Preview-list* at the same time. To switch between them use the *tabs* above the lists area.

**Detail-list:**



The *detail-list* offers a simple and clear overview of all relevant data according the videos you want to optimize, containing:

|                  |   |
|------------------|---|
| - Check - box:   | If it is activated, the video will be converted with the next optimization. See "The conversion <sup>45</sup> " |
| - Name:          | Shows the name of the video.  |
| - Duration:      | Shows the duration of the video in form HH.MM.SS.   |
| - Format:        | Shows the format in which the video is saved.   |
| - Optimization:  | Shows the optimization settings for the video.  |
| - Stabilization: | Shows the stabilization settings for the video.   |
| - Rotate:        | Shows the rotate settings for the video.  |
| - Cut:           | Shows the cut markers for the video.  |

If you can't see some of the information fields, like in the picture, you can use the scroll bar at the bottom of the list to scroll them into view.

Click to enlarge/ shrink.

### Preview-list



The *preview-list* is used to give a fast overview over your videos. It shows thumbnails which display a picture from the video.

To alter the size of the thumbnails, simply change the slider on top of the list.

Click to enlarge/ shrink.

**Context-menu**  
 The *context-menu* is the main tool of the list. You can open it by right clicking on a video in the list. It offers the following options:

|              |                   |  |
|--------------|-------------------|--|
| Open folder  | - Open directory: | Opens the Windows Explorer, pointing to the directory which contains the currently selected video.                                 |
| Select       | - Activate:       | Adds the currently selected video to the conversion. (You can check this by the activated check-box in front of the entry.)        |
| Deselect     | - Deactivate:     | Removes the currently selected video from the conversion. (You can check this by the deactivated check-box in front of the entry.) |
| Select all   | - Activate all:   | Adds all videos in the input list to the conversion.   |
| Deselect all | - Deactivate all: | Removes all videos in the input list from the conversion.  |
| Remove item  | - Remove entry:   | Deletes the entries of the currently selected videos in the input list. (The videos will NOT be deleted from your hard drive.)     |
| Clear list   | - Clear list:     | Clears the complete input list. (The videos will NOT be deleted from your hard drive.)   |

Click to enlarge/ shrink.

## 4.2.2 The preview

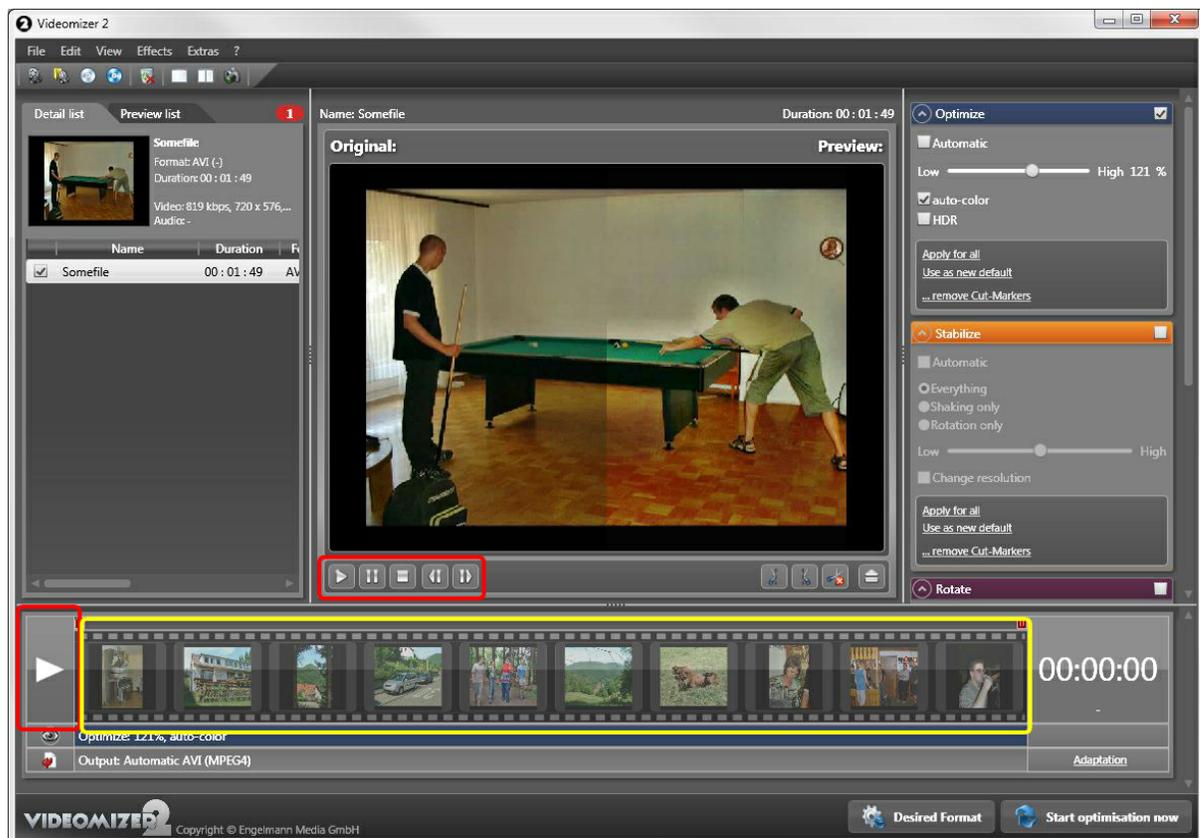
The preview is mainly used to display the optimization, stabilization, rotating and cutting of your video in real-time. It is the place where your videos from the input list and the effects come together.

To use it, you have to load the video "into the preview". You can achieve this by either double-clicking a video in the input list or simply drag&drop a video from the input list to the timeline.



Click to enlarge/ shrink.

It may take some time until the video is loaded into the player, depending on video length and file size. After all, your Videomizer 2 window should look like the one shown in the picture.



Click to enlarge/ shrink.

The player controls are used as common. The buttons are described in the following table.

**Hint:** The names are displayed after you hover for a short time with the mouse over the button.

|   |                            |  |
|---|----------------------------|--|
|  | <b>Play:</b>               | Starts playback of the video.  |
|  | <b>Pause:</b>              | Pauses playback of the video.  |
|  | <b>Stop:</b>               | Stops playback of the video.   |
|  | <b>Step back:</b>          | The video jumps about 0.5 seconds backward. (Mainly used to set cut markers as precise as possible.) |
|  | <b>Step forward:</b>       | The video jumps about 0.5 seconds forward. (Mainly used to set cut markers as precise as possible.)  |
|  | <b>Set start position:</b> | Sets the start position where the new video should start. (See "Video editing <sup>[56]</sup> ")     |
|  | <b>Set end position:</b>   | Sets the end position where the new video should end. (See "Video editing <sup>[56]</sup> ")         |
|  | <b>Remove cut markers:</b> | Removes the cut markers. (See "Video editing <sup>[56]</sup> ")                                      |
|  | <b>Unload:</b>             | Unloads the video "from the preview".  |

**Tip:** As you might have already seen, the preview has no support for fast forward/ backward. This is because the real-time optimization is too time-consuming. You can however, use "The timeline<sup>[44]</sup>" to jump through your video.

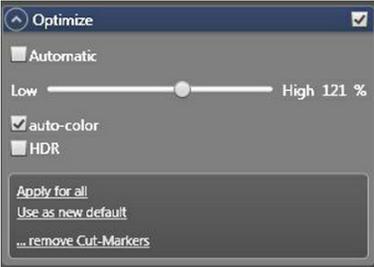
### 4.2.3 Optimizing, Stabilizing and Rotate

This are the main features of Videomizer 2. You can find them on the right side of the program window. To use this features, you need to load a video "into the player", as it is described in the chapter "The preview<sup>[39]</sup>". After that, you can watch the changes made in real-time in the preview.

**Hint:** If the feature, you want to use, is disabled ("greyed out"), you have to either activate the check-box next to its name or use "The menu bar<sup>[35]</sup>".

#### Optimizing the video picture (beautify):

To optimize washy, blurred or unexposed videos, you can use the *Optimize* feature, located on the right side of the program window. It offers the following options:

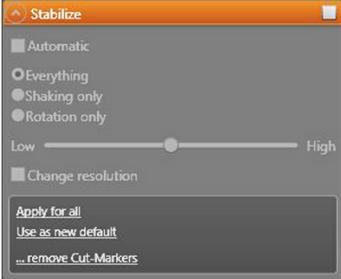
|                               |   |  |
|-------------------------------|---|--|
| - <i>Automatic:</i>           | Activate this check-box to let Videomizer 2 take care of all settings for the optimization.   |  |
| - <i>Low --- High Slider:</i> | This slider is used to control the strength of the optimization. Just change it until the preview displays a picture which satisfies your need. |  |
| - <i>auto-color:</i>          | Activate this check-box if you want to let Videomizer 2 optimize not only the picture but the colors also.                                      |  |
| - <i>HDR:</i>                 | Activates the HDR ( <i>High dynamic range</i> ) effect.   |  |
| - <i>Apply for all:</i>       | Click on this option if you want to apply the made changes to all videos in the input list.   |  |
| - <i>Use as new default:</i>  | If you don't like the default settings and think yours are better, click this option to make your settings the default settings.                |  |
| - <i>Reset:</i>               | Resets all settings to the default values provided by us.   |  |

#### Stabilizing the video picture (reduces "wiggling and rotation"):

Wiggly and rotating videos are not as funny as everybody thinks. At least not if it is your wedding-video or the fourth birthday of your daughter. Videomizer 2 can help and turn this disappointment into a success via its *Stabilization* feature located at the right side of the program window. There is however, a drawback. Using this technique results in a smaller picture than in the original. This is due to the fact that the stabilization needs to cut the borders of the picture to achieve a stable video.

**Hint:** Unlike the optimization and rotating feature, the stabilization features changes will not be displayed in the preview as soon as you activate it. You have to click on *Calculate a preview* in the "Settings - overview<sup>[44]</sup>".

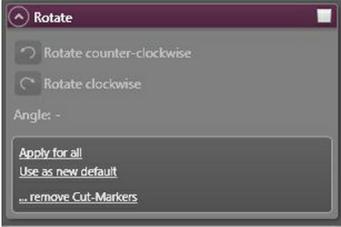
|                               |  |
|-------------------------------|--|
| - <i>Automatic:</i>           | Activate this check-box to let Videomizer 2 take care of all settings for the stabilization.   |
| - <i>Everything:</i>          | Using this option lets Videomizer 2 take care of the "shaking" as well as of the "rotating".   |
| - <i>Shaking only:</i>        | If your video has no "rotating" you can save time by activate this option. Videomizer 2 will then only take care of the "shaking".                                   |
| - <i>Rotation only:</i>       | If your video has no "shaking" you can save time by activate this option. Videomizer 2 will then only take care of the "rotating".                                   |
| - <i>Low --- High slider:</i> | This slider is used to control the strength of the stabilization. <b>Attention:</b> Higher values result in more cut out video material at the borders of the image! |
| - <i>Change resolution:</i>   | Activate this check-box to let Videomizer 2 resize the stabilized video to the original resolution.  |
| - <i>Apply for all:</i>       | Click on this option if you want to apply the made changes to all videos in the input list.  |
| - <i>Use as new default:</i>  | If you don't like the default settings and think yours are better, click this option to make your settings the default settings.                                     |
| - <i>Reset:</i>               | Resets all settings to the default values provided by us.  |



### **Rotating the video picture (if it "lies on the side" or is "upside down"):**

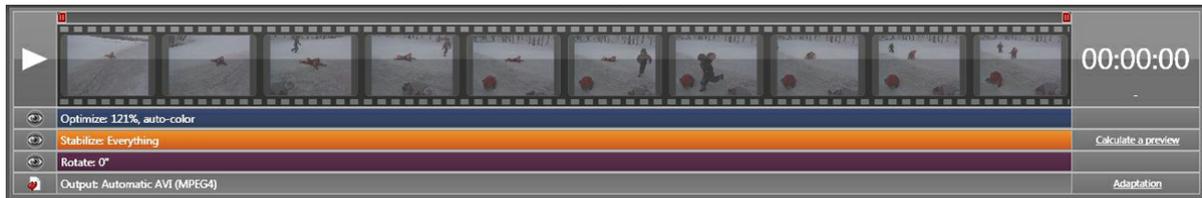
If your video is "lying on the side" or "upside down" you can use this feature to correct that.

|                                    |  |
|------------------------------------|--|
| - <i>Rotate counter-clockwise:</i> | Rotates the video picture counter-clockwise - in 90 degree steps.  |
| - <i>Rotate clockwise:</i>         | Rotates the video picture clockwise - in 90 degree steps.  |
| - <i>Angle:</i>                    | Shows the degree you have rotated your video.  |
| - <i>Apply for all:</i>            | Click on this option if you want to apply the made changes to all videos in the input list.                                      |
| - <i>Use as new default:</i>       | If you don't like the default settings and think yours are better, click this option to make your settings the default settings. |
| - <i>Reset:</i>                    | Resets all settings to the default values provided by us.  |



## 4.3 The edit area

This area is used to give an overview over the made settings and the currently loaded video. Furthermore you can use the timeline to cut and jump through your video as well as change the output settings by clicking on *Adaption*. To get more detailed information about the options, just click on the picture.



Alternatively you can use one of the following links:

- The timeline<sup>[44]</sup>
- Settings - overview<sup>[44]</sup>
- Output settings<sup>[50]</sup>

### 4.3.1 The timeline

The timeline has three functions. You can use it to cut your videos (See "Editing"<sup>[26]</sup>), it displays the currently loaded video and you can use it to "fast-jump" through your video. The latter is done by simply clicking on the point on the timeline where you want to jump to.



Click to enlarge/ shrink.

### 4.3.2 Settings - overview

Above all, this area gives you a small and compact overview over your made settings on the currently loaded video. Furthermore there are three options you can use from here.

**Hint:** The overview is dynamically created by the program. Therefore if you can't find an overview for e.g. the stabilization, this is because you haven't activated this feature yet. See "Optimizing, Stabilizing and Rotate"<sup>[42]</sup> on how to activate a feature.



Click to enlarge/ shrink.

The first option I want to describe are the "eye-symbols" in front of every feature overview. They are used to dis-/ enable this feature in the preview. If you, for example, disable the optimization feature by clicking on the eye, the preview will show your video with no optimization. However if you start "The conversion"<sup>[45]</sup> the optimization will be applied anyway.

This option is particularly useful if you use the *single-view* preview (See "Single-/ Split-view"<sup>[63]</sup>) because you can toggle between the optimized and the original video picture very fast.

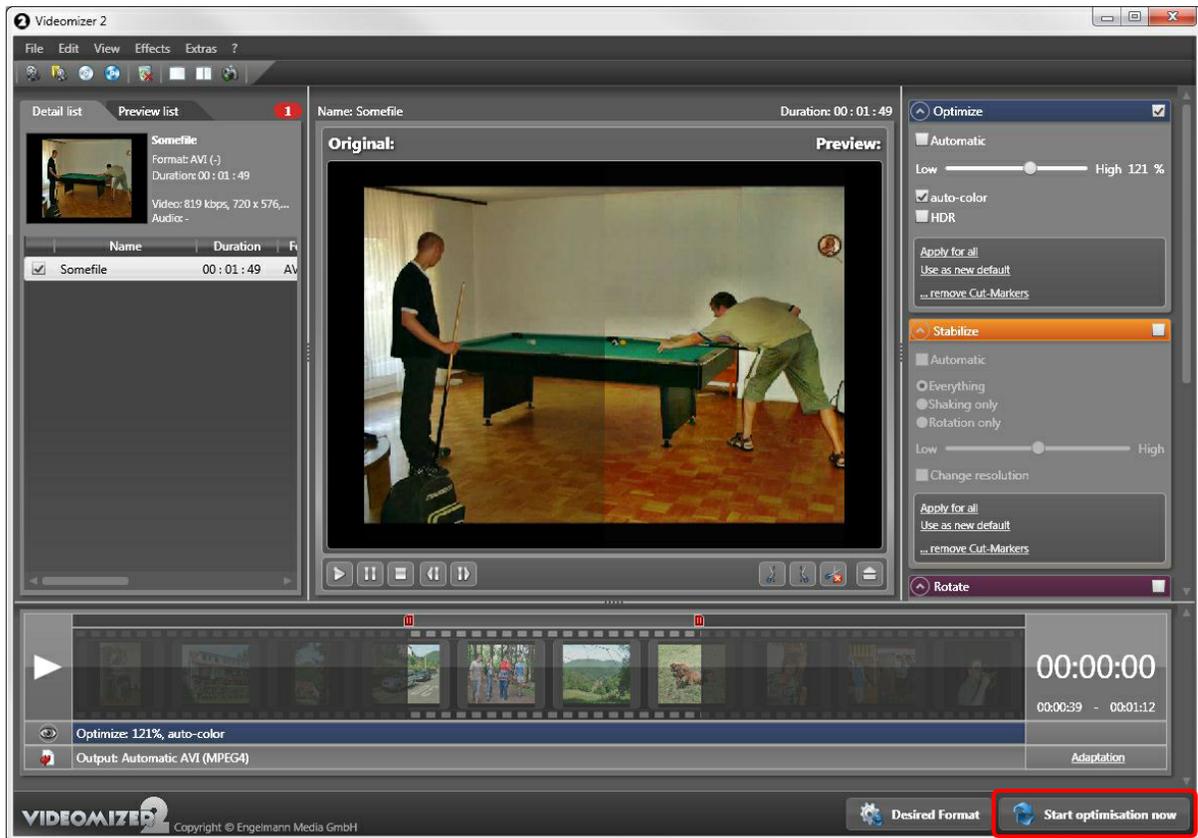
The second option is only available in the stabilization overview. To create a preview of the stabilization it is needed to analyze the whole video. You can achieve this by clicking on *Calculate a preview* on the right side of the stabilization overview.

The third and last option is called *Adaption* and you can find it right to the output overview. Click on it to

open the "Output settings" <sup>50</sup> which are used to configure the output format.

## 4.4 The conversion

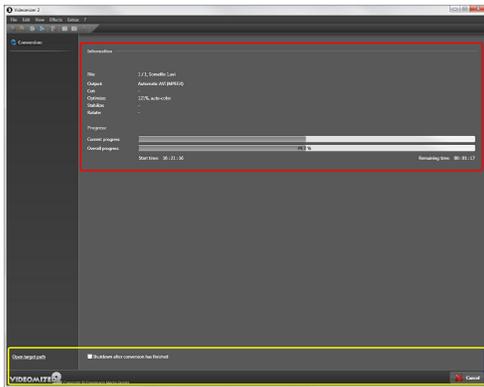
After you made all necessary settings for your videos, you can start the conversion by simply clicking on *Start optimization now*, located in the lower right corner of the program window.



Click to enlarge/ shrink.

The following window offers general information about the currently converted video, the output-, the optimization-, the stabilization- and the rotation-settings and an overview about the conversion progress. The upper progress bar shows the progress of the current video and the lower the progress of the whole conversion (marked red in the picture).

There are three additional options (marked yellow):



Click to enlarge/ shrink.

*Open target directory:*

Click on this option to open up the folder where the converted videos are saved.

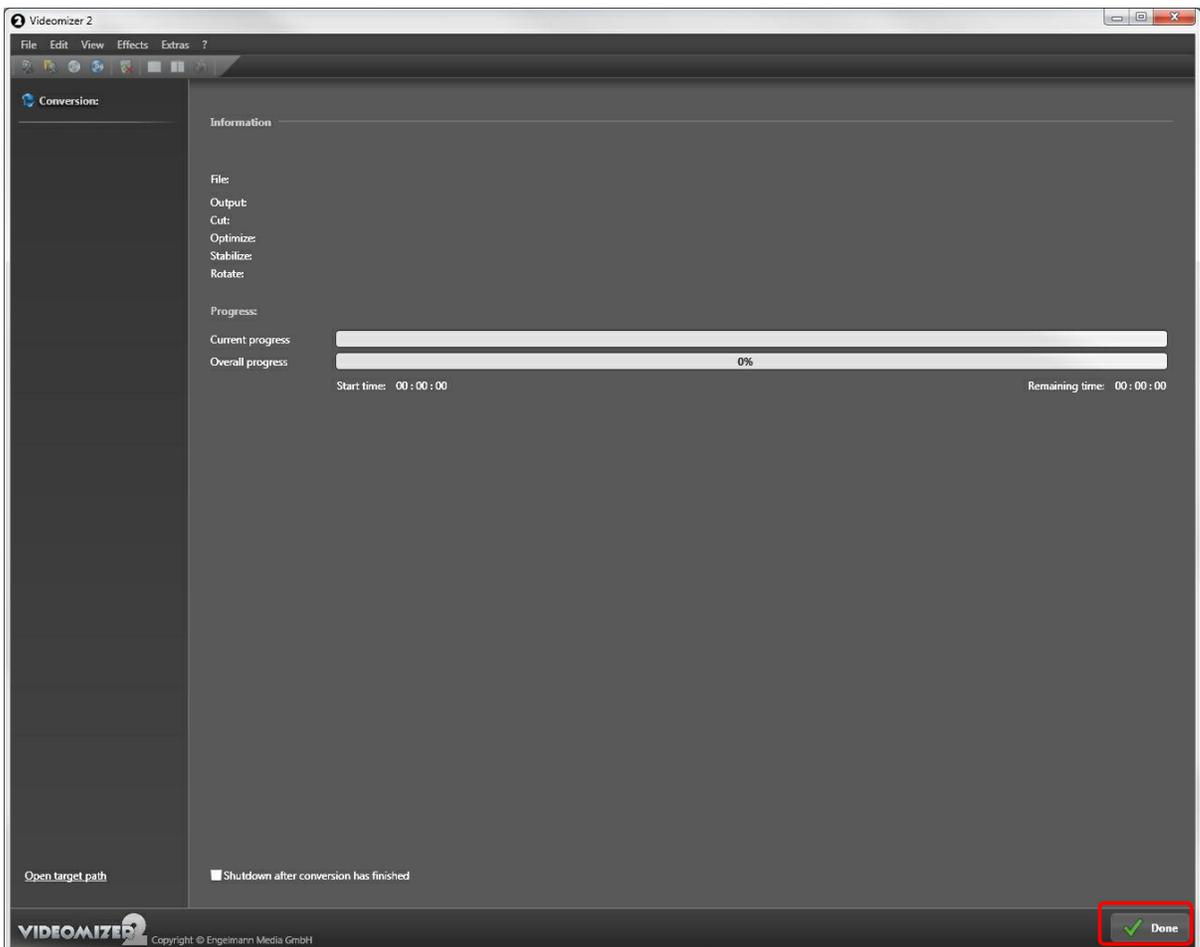
*Shutdown PC after conversion has finished:*

Activate this option to automatically shutdown your PC after the conversion has finished.

*Cancel:*

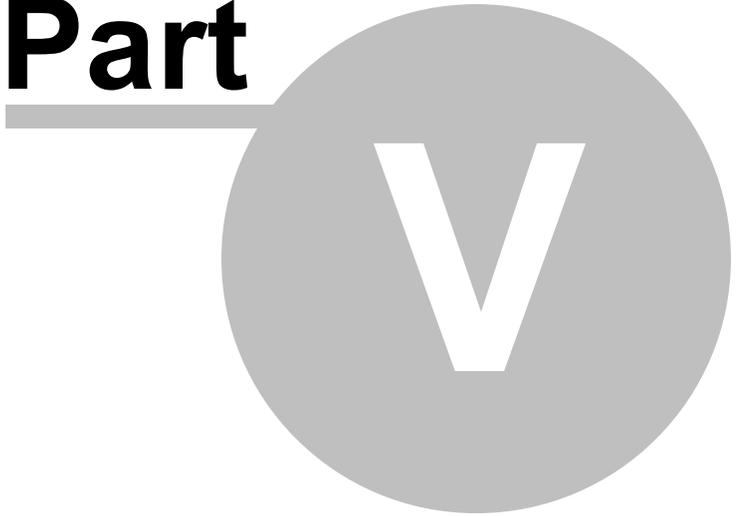
Cancels the current conversion. You are asked if you want to keep already converted videos or not.

You will get a message after the conversion has finished. Click on *OK* to close the message box and *Finish* in the progress window to get back to the main window of Videomizer 2.



Click to enlarge/ shrink.

**Part**



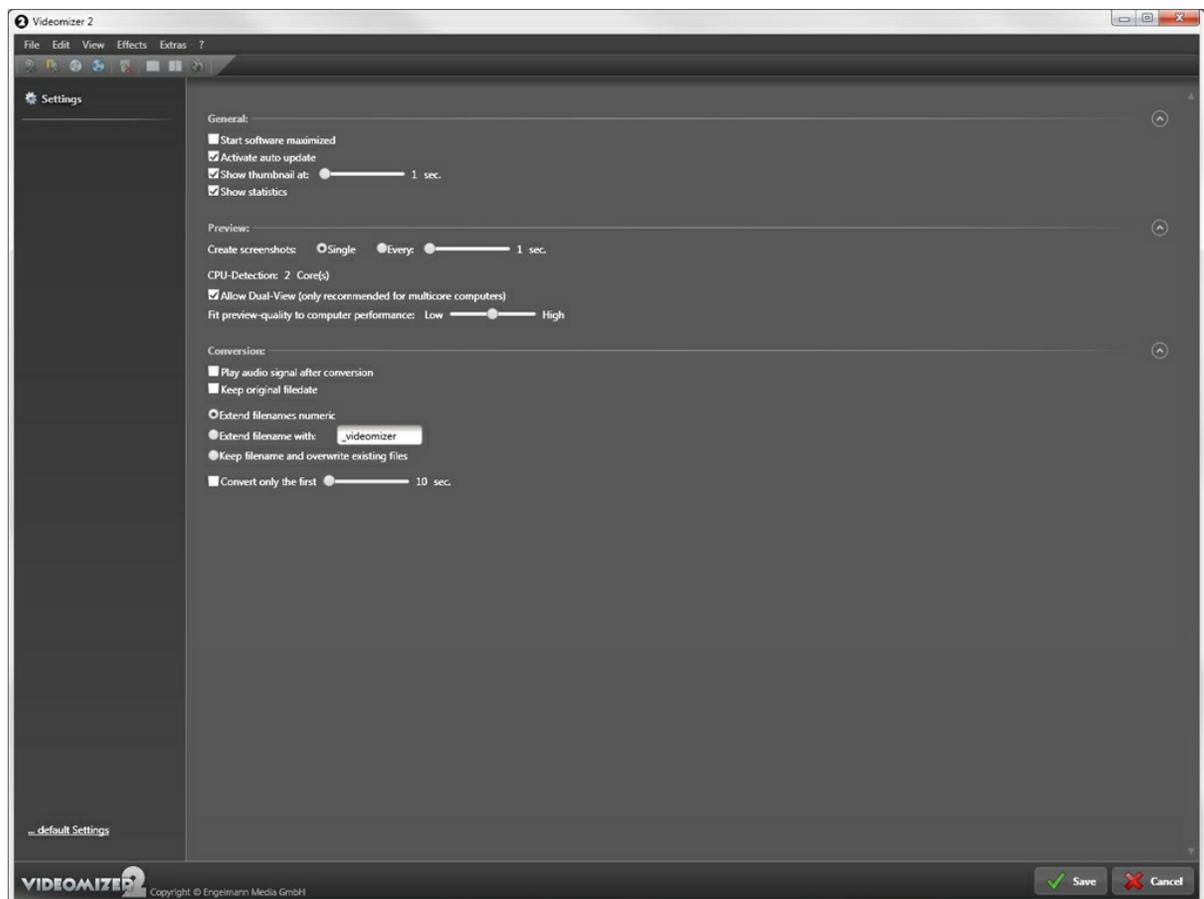
## 5 Settings

This chapter focuses on the settings of Videomizer 2. To get detailed information about either the general settings or the output settings click one of the following links:

- General settings<sup>[48]</sup>
- Output settings<sup>[50]</sup>

### 5.1 General settings

The general settings are used to control the behaviour of Videomizer 2. You get to them via the menu 'Extras --> General settings' (See "File, Edit, ..."<sup>[35]</sup>).



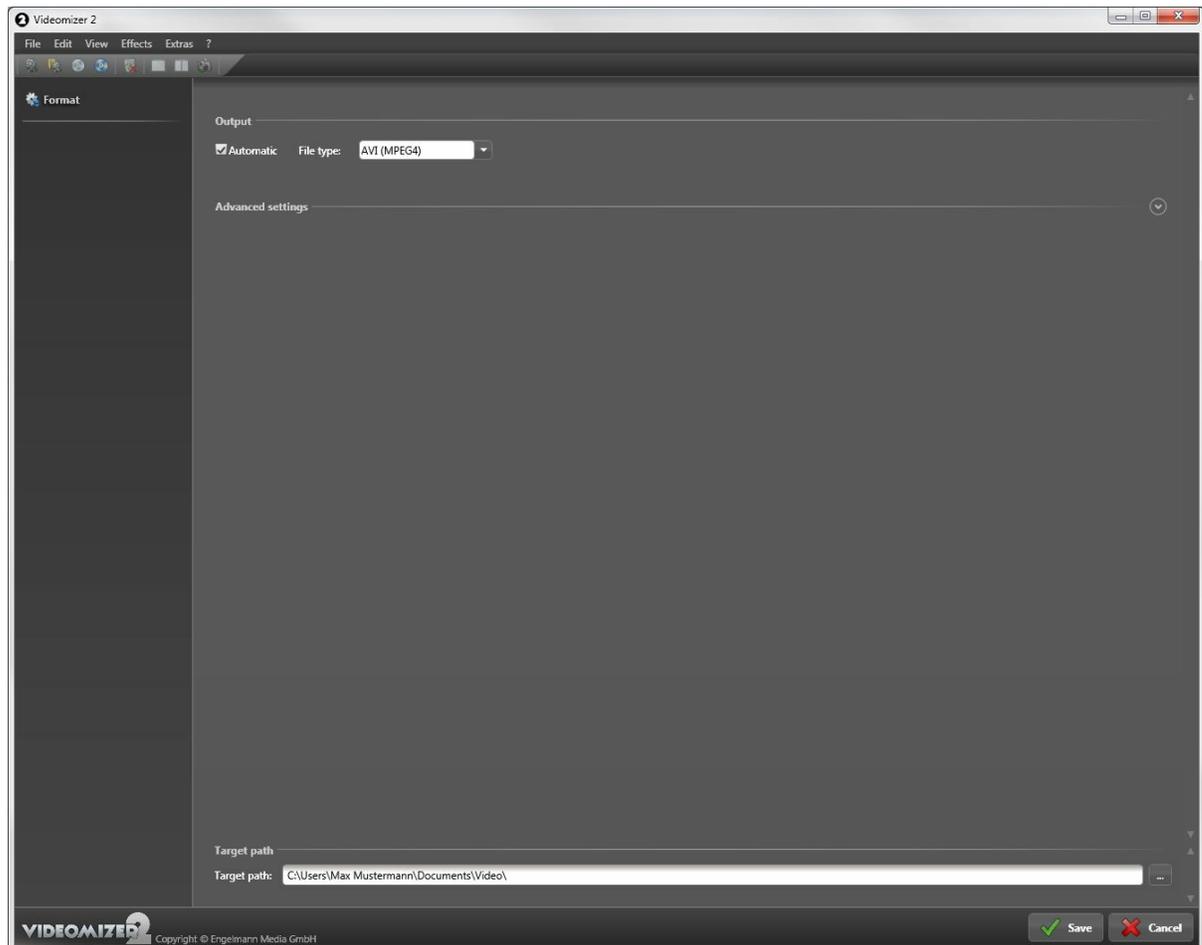
Click to enlarge/ shrink.

|                 |                                  |   |
|-----------------|----------------------------------|---|
| <b>General:</b> | <i>Start software maximized:</i> | Activate this option to start Videomizer 2 in full-screen mode.   |
|                 | <i>Activate auto update:</i>     | Activate this option if you want that Videomizer 2 automatically checks for updates at every program start.<br><br><b>Hint:</b> The update agent transfers no |

|                          |  |   |
|--------------------------|--|---|
|                          |  | personal data!  |
|                          | <i>Show thumbnail at:</i>  | Here you can choose from what second the thumbnail will be made, which is displayed in the input list. This is useful if you have a lot of videos where the first three seconds are only black.   |
|                          | <i>Show statistics:</i>  | Activate to show the statistics (See "Show statistics" [65]).   |
| <b>Preview:</b>          | <i>Create screenshots:</i>   | Defines if a click on the screenshot icon (See "The icons" [36]) creates only a single pair of screenshots or a pair of screenshots all XX seconds. (See "Screenshots" [66]).   |
|                          | <i>CPU-Detection:</i>  | Shows which CPU was detected by Videomizer 2.   |
|                          | <i>Allow Split-View:</i>   | Activate this option to allow the <i>Split-View</i> even if Videomizer 2 recommends not to (See "Single-/ Split-view" [63]).  |
|                          | <i>Fit preview-quality to computer performance:</i>  | The realtime preview is a time-consuming process. If your PC is not fast enough for particular video, you can set the preview quality lower with this option. This is particularly useful if you want to work with high definition video content. |
| <b>Conversion:</b>       | <i>Play audio signal after conversion:</i>   | Activate this option and Videomizer 2 will play an audio signal after a conversion has finished.  |
|                          | <i>Keep original file date:</i>  | Activate this option if you want the file date of the converted files to be equal to the file date of the original videos.  |
|                          | <i>Extend file names numeric:</i>  | The file name of the converted video will be extended with a number if it already exists.   |
|                          | <i>Extend file names with:</i>   | The file name of the converted video will be extended with the specified word if it already exists.   |
|                          | <i>Keep file names and overwrite existing files:</i>   | The converted file will overwrite the original file. <b>Attention:</b> The original file is deleted after this!   |
|                          | <i>Convert only the first XX seconds:</i>  | Activate this option to convert only the first XX seconds of the videos. This is useful if you work with long videos (e.g. full movie) and you only want to check if all settings are made correctly.   |
| <b>Default settings:</b> | You can find this option in the lower left corner of the settings window. Click on it if you want to reset <i>ALL</i> settings to their default state. |   |

## 5.2 Output settings

You have two general options to configure the output settings: Activate *Automatic* in the *Output* are and Videomizer 2 will take care of nearly all work. Deactivate this option and you have a lot of customizable options to configure the output.



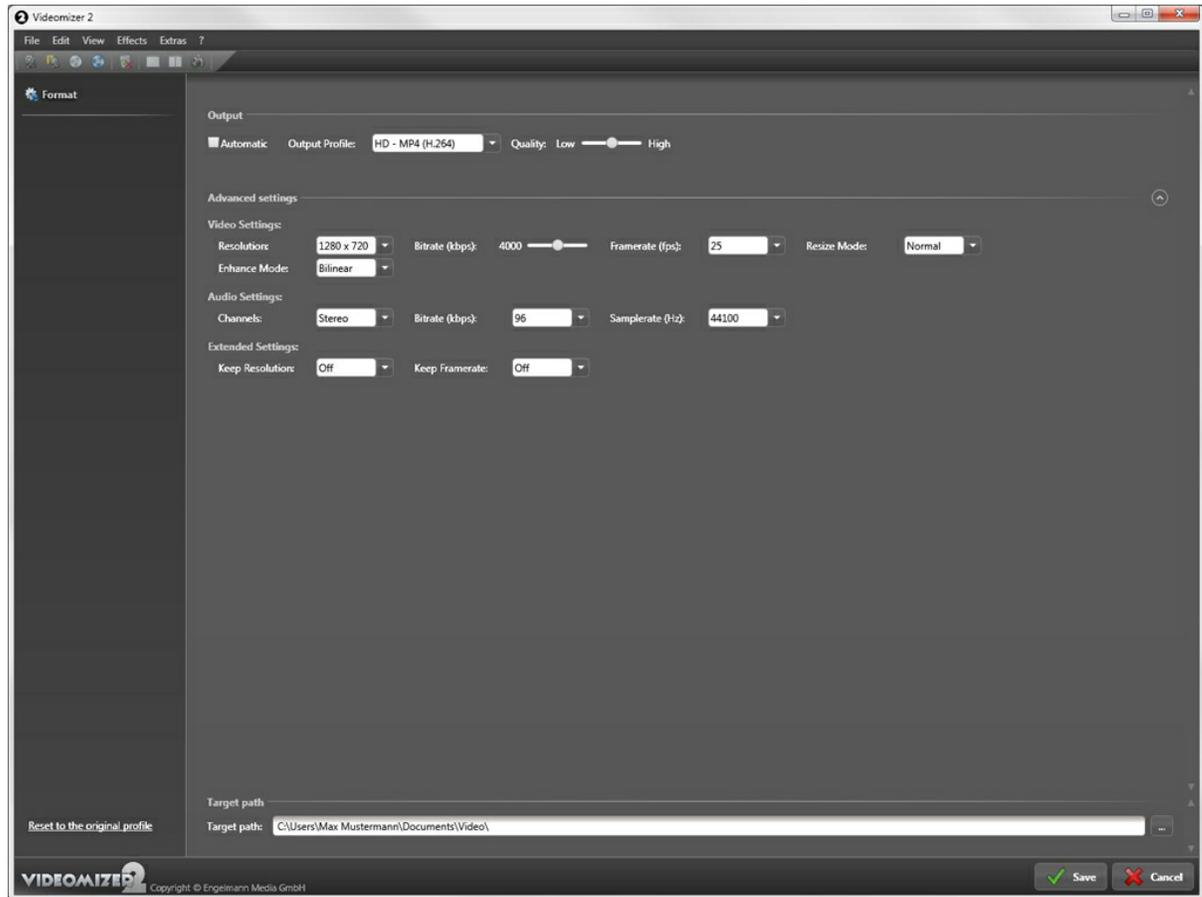
Click to enlarge/ shrink.

### **Automatic activated:**

You can only choose the output format in this case. Please refer to the table for more information:

|              |  |
|--------------|--|
| AVI (Mpeg4): | A widely know video format. The Mpeg4-video stream offers good quality with moderate file sizes. This format is supported by a wide range of devices (Look out for "DivX certified", "Xvid certified" or "Mpeg4 certified" logos).     |
| MP4 (H.264): | A modern file format. The H.264-video stream offers highest quality with very small file sizes. Drawbacks are the long conversion time and the (compared to Mpeg4) low compatibility of devices like TV sets and DVD players.          |
| MPG (Mpeg2): | An old file format, used for the DVD standard. The Mpeg2-video stream offers moderate to good quality with big to huge file sizes (a DVD for example has at least 4.7 GB). Advantage is that all DVD players can playback this videos. |

WMV (WMV9): A proprietary file format, developed by Microsoft. The WMV-video stream in version 9 is comparable to Mpeg4. However this format has a lot less supported devices but in fact all Microsoft products (XBox, Windows Phone, ...) can play it back.



Click to enlarge/ shrink.

**Automatic deactivated:**

There are a lot customizable options in this case. Please refer to the table to get more detailed information:

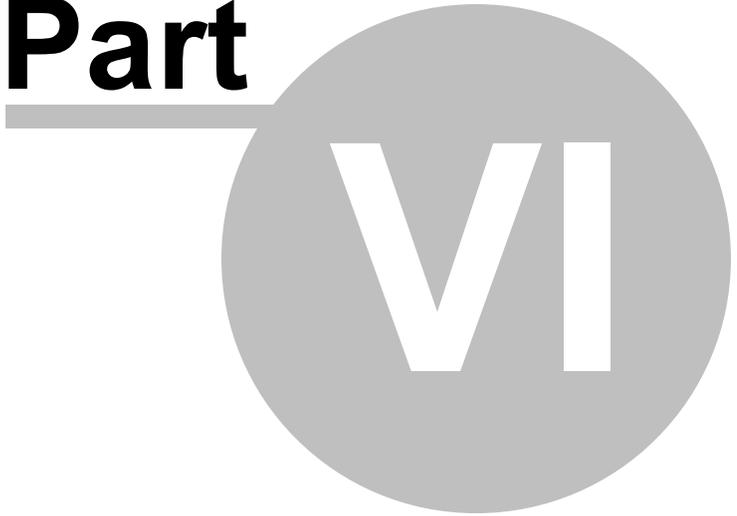
|   |                 |   |
|---|-----------------|---|
| <b>Output:</b>  | Output Profile: | The output profile is used to define for which device you want convert your videos. There are a lot of profiles you can choose from - from A like <i>Android devices</i> to Z like <i>Microsoft ZUNE</i> . Furthermore there are some profiles for general purposes like <i>AVI</i> and <i>SVCD</i> . |
|   | Quality:        | This slider is used to let Videomizer 2 set the default values for low to high quality.   |
| <b>Advanced settings:</b> (The available options are depending on the chosen output profile!) |                 |   |
| <b>Video Settings:</b>  | Aspect Ratio:   | Here you can choose if the video will be saved in widescreen mode (16:9) or in letter-box- (TV-) mode (4  |

|  |               |   |
|--|---------------|---|
|  | Resolution:   | <p>The resolution describes the number of points used in height and width of the video picture. Standard formats 640x480 (VGA), 720x576 (DVD), 1280x70 (HD-Ready) 1920x1080 (FullHD).</p> <p>A higher resolution used with a higher bit rate means a higher quality of the video picture. <b>However</b> a low resolution video will not be in movie quality just because you set the resolution up.</p> <p>We recommend to use a resolution near to the resolution of the original or to use the <i>Keep Resolution</i> setting, described at the bottom of the table.</p>   |
|  | Bitrate:      | <p>Bit rate describes the amount of data used to store picture information per second. The higher the bit rate, the higher the quality of the video. <b>However</b> a video with a low bit rate will not be a full quality movie just because you set the bit rate up.</p> <p>We recommend to use a slightly higher bit rate than the rate of the original.</p>   |
|  | Framerate:    | <p>The frame rate describes the number of single pictures displayed in one second of a video. The human eye cannot differ between single pictures and a moving picture from about 24 <i>fps</i> (frames per second - pictures per second) on.</p> <p>To achieve the best quality possible, keep the frame rate of the original video (See <i>Keep Framerate</i> at the bottom of the table). However if you own a device which needs a specific frame rate (see devices manual for more details) here is the place to set it.</p>   |
|  | Resize Mode:  | <p>The resize mode is used if you choose to change the aspect ratio (See top of the table). If you change the aspect ratio there are two possible scenarios: Either you change from a bigger picture to a smaller (e.g. 16:9 --&gt; 4:3), which means you need to resize the picture to keep all of the original picture in the smaller, new picture, or change from a smaller to a bigger picture (e.g. 4:3 --&gt; 16:9), which means you don't have enough picture information from the smaller picture to fill all of the bigger new picture. To achieve that the new picture will be filled with picture information, there are four modes:</p> <ul style="list-style-type: none"> <li>- <i>Stretch</i>: Simply stretches or compresses the picture to fit the new aspect ratio.</li> <li>- <i>Normal</i>: Keeps the original aspect ratio and fills the area with not picture information with black.</li> <li>- <i>Non-Linear</i>: Resizes the picture till it fills the new aspect ratio. Borders may be cut off.</li> <li>- <i>Pan&amp;Scan</i>: Stretches the picture only at the borders keeping the middle of the picture original.</li> </ul> |
|  | Enhance Mode: | <p>The enhance mode is used for the calculation of a new resolution. There are nine options:</p> <ul style="list-style-type: none"> <li>- <b>Bilinear</b>: The fastest filter. The picture will look "smooth".</li> <li>- <b>Bicubic</b>: One of the most common filters. Works fast and keeps a lot of details.</li> <li>- <b>Nearest Neighbour</b>: An effective filter, working better than the others.</li> </ul>   |

|                           |                  |   |
|---------------------------|------------------|---|
| <i>Audio Settings:</i>    |                  | <p>the <i>Bicubic</i> filter but takes more time.</p> <ul style="list-style-type: none"> <li>- <b>Spline 16:</b> Interpolates the picture with an accuracy of bit.</li> <li>- <b>Spline 32:</b> Interpolates the picture with an accuracy of bit.</li> <li>- <b>Lanczos 3:</b> One of the most effective filters for resizing. Better than the previous ones but takes more time to calculate.</li> <li>- <b>Lanczos 4:</b> Same as Lanczos 3 but more accurate. Therefore takes more time.</li> <li>- <b>Gaussian:</b> Based upon the Gaussian algorithm, this filter is as good for upscaling as it is for downscaling.</li> <li>- <b>ODU:</b> ODU or <i>Object Detection Upscaling</i> is developed by Engelmann Media and offers up scaling with picture optimization at the same time. It is better than all previous filters but takes also the longest time to calculate.</li> </ul> |
|                           | Channels:        | If it is desired to create mono audio streams, select the option from the drop-down list. Otherwise keep Stereo to get the best quality possible.   |
|                           | Bitrate:         | The audio bit rate is equivalent to the video bit rate and describes the amount of data which is saved for the audio stream per second. The higher the bit rate, the higher the audio quality. <b>However</b> what applies for the video bit rate also applies for the audio bit rate. Raising the audio bit rate much higher than the original will not result in a perfect orchestral soundtrack.   |
|                           | Samplerate:      | Lowering the sample rate will decrease the quality. We recommend that you stay with the sample rate of the original file.   |
| <i>Extended Settings:</i> | Keep Resolution: | Activate this option and Videomizer 2 will not change the original resolution.  |
|                           | Keep Framerate:  | Activate this option and Videomizer 2 will not change the original frame rate.  |



**Part**



## 6 Single features

The following features are not essential for one of the previous chapters but offer functions which are necessary or make it easier to work with Videomizer 2. Just follow one of the following links to get more detailed information about that topic:

- Editing<sup>[26]</sup>
  - Open file...<sup>[58]</sup>
  - Open folder...<sup>[60]</sup>
  - Load DVD<sup>[61]</sup>
  - Load Blu-Ray<sup>[62]</sup>
  - Single-/ Split-view<sup>[63]</sup>
  - Show statistics<sup>[65]</sup>
  - Language<sup>[66]</sup>
  - Screenshots<sup>[66]</sup>
- 

### 6.1 Video editing

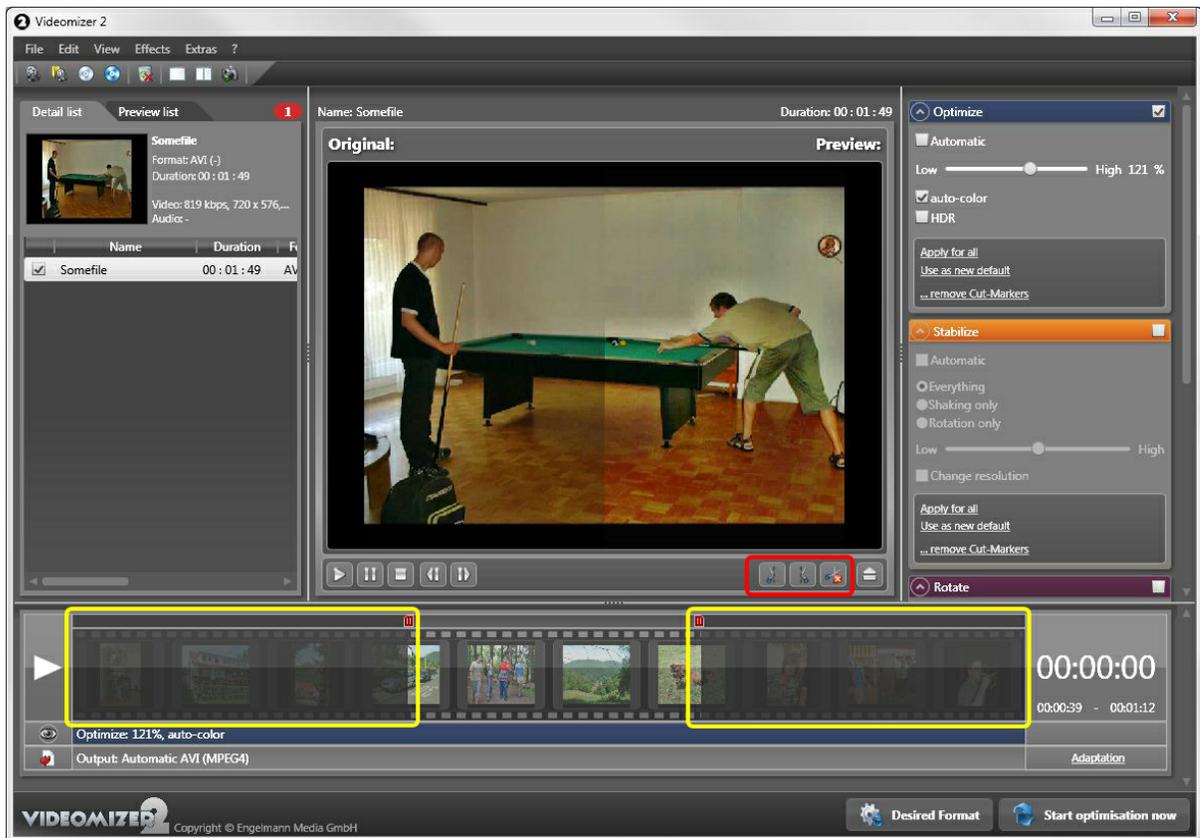
To edit a video, it needs to be loaded to the player, like it is described in the chapter "The player<sup>[24]</sup>". You have two ways to edit your videos:

#### **1. The buttons:**

Beneath the player, on the right side, are four buttons located. Only the left three are important for us now. They are called *Set start position*, *Set end position* and *Remove cut markers*. (The names are displayed after you hover for a short time with the mouse over the button.)

These buttons are all we need to edit your video. First jump to the position in your video, where you want to start it. Now click on *Set start position*. Jump to the position you want to end your video with and click on *Set end position*. If you only want to cut some from the start, you don't have to set the end position and vice versa. Have you changed your mind and don't want to cut anything click on *Remove cut markers*.

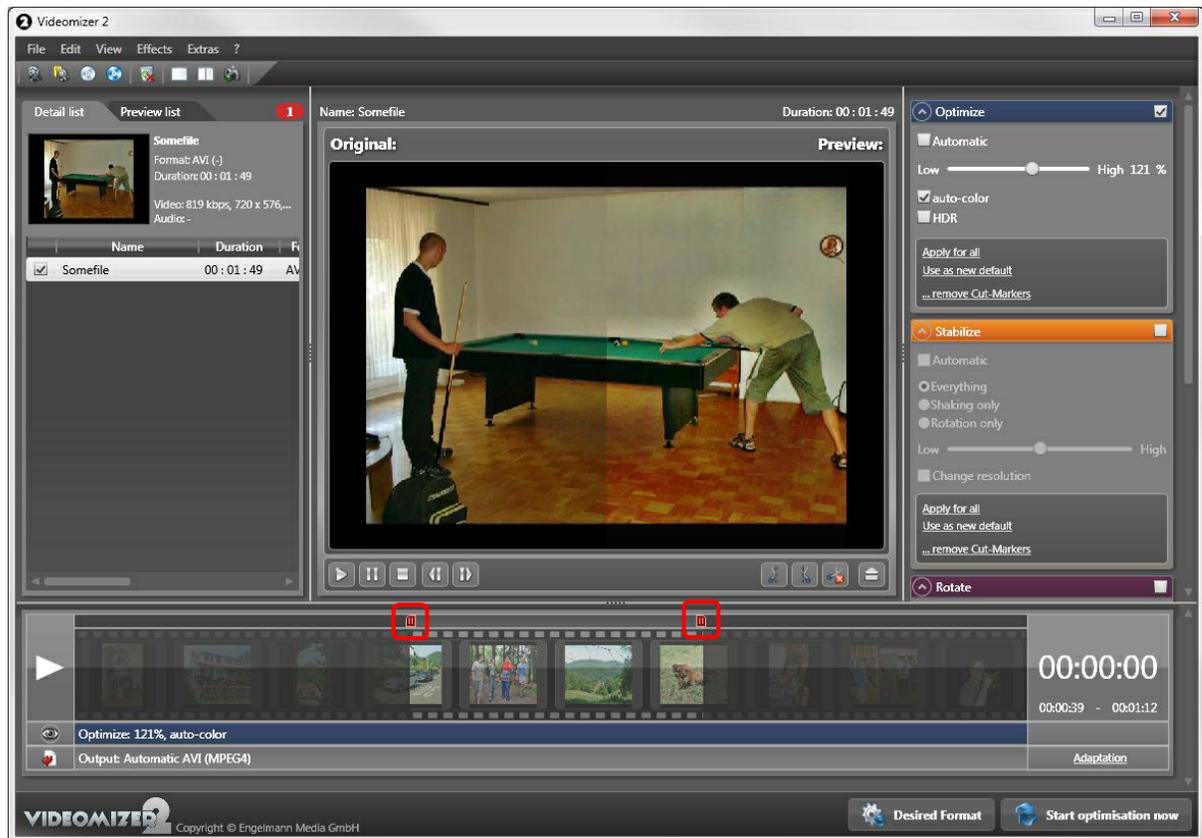
You can see if everything went well in the timeline. All what is marked dark grey will be cut out.



Click to enlarge/ shrink.

## **2. Using the timeline:**

Above the timeline are two little, red markers. These are the cut markers which you set using the buttons (as described in *The buttons*). You don't have to use the buttons though, but can set them directly with the mouse. Again, you can see if everything went well by the marked areas in the timeline. All what is marked dark grey will be cut out.



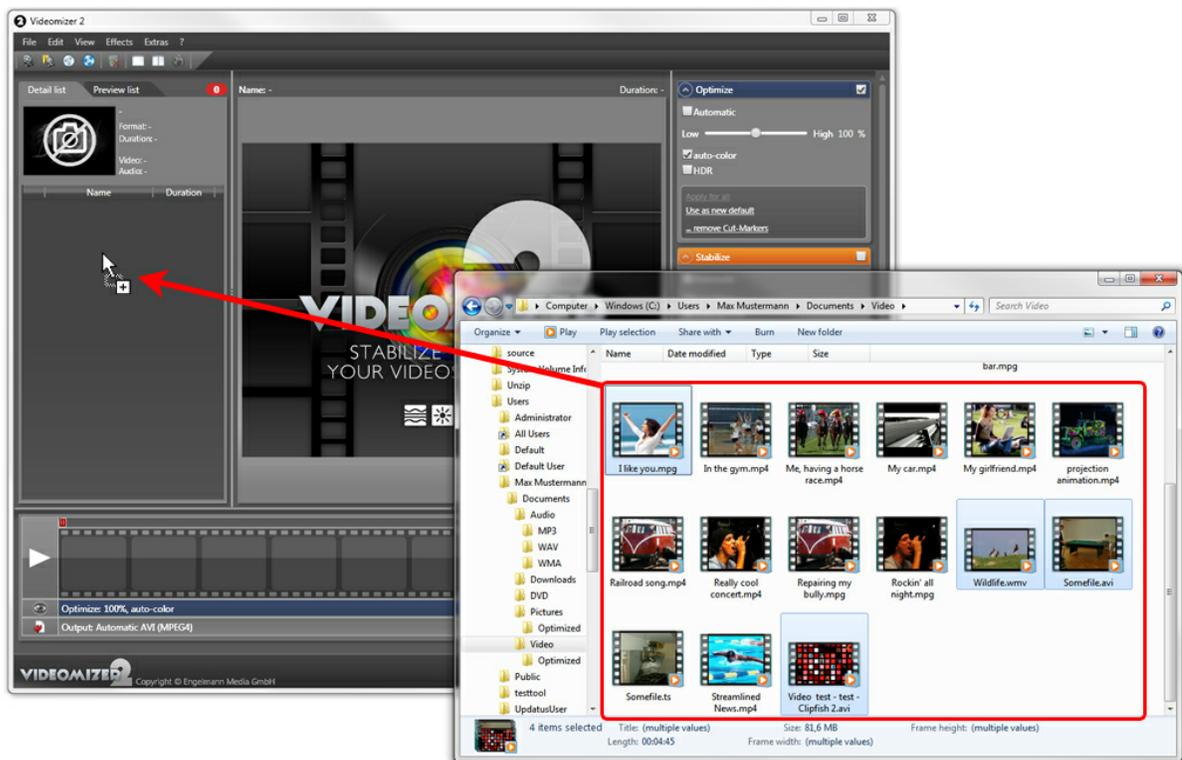
Click to enlarge/ shrink.

## 6.2 Open file...

### 1. Drag&Drop

Open up the Windows Explorer and navigate to the location where the videos you want to optimize are. Select a video by single-clicking with the left mouse button on it *and keep the mouse button pressed*. Now, with the left mouse button still pressed, move the mouse until it is over the input list. Release the mouse button and the video will be added to Videomizer 2.

You can use this procedure for more than one video file at a time. Simply select all video files you want to optimize and drag&drop them as described above.

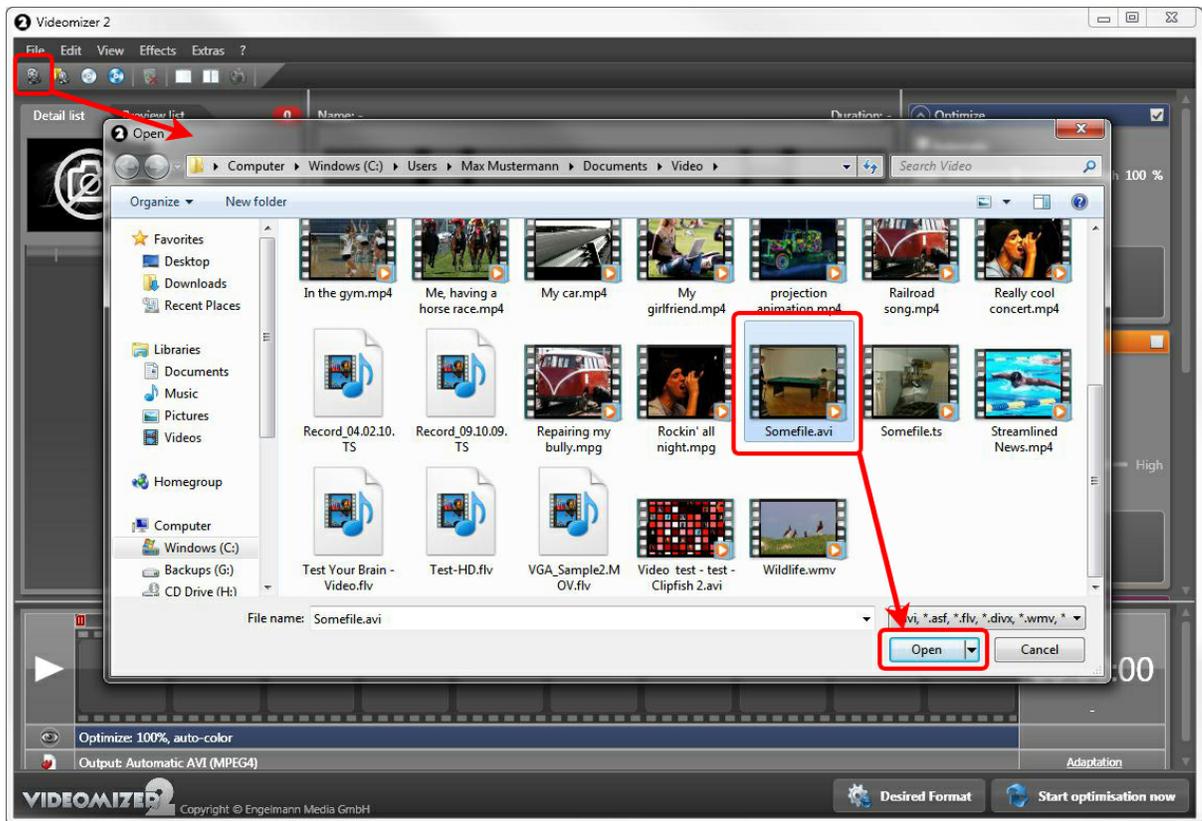


Click to enlarge/ shrink.

## 2. Open file...

Either click on the film reel symbol in the icons bar or click on 'File --> Open file...' (See "The menu bar [35]"). A window will pop up, enabling you to browse the folders on your computer. Navigate to the folder which contains the videos you want to optimize. Now you have two possible actions: Select the video you want to optimize and then click on *OK* or simply double click it. Either way, the window will close and the video will be added to Videomizer 2.

You can use this procedure for more than one video file at a time. Simply select all videos you want to add and click *OK*. **However**, you cannot open more than one video file double-clicking them.

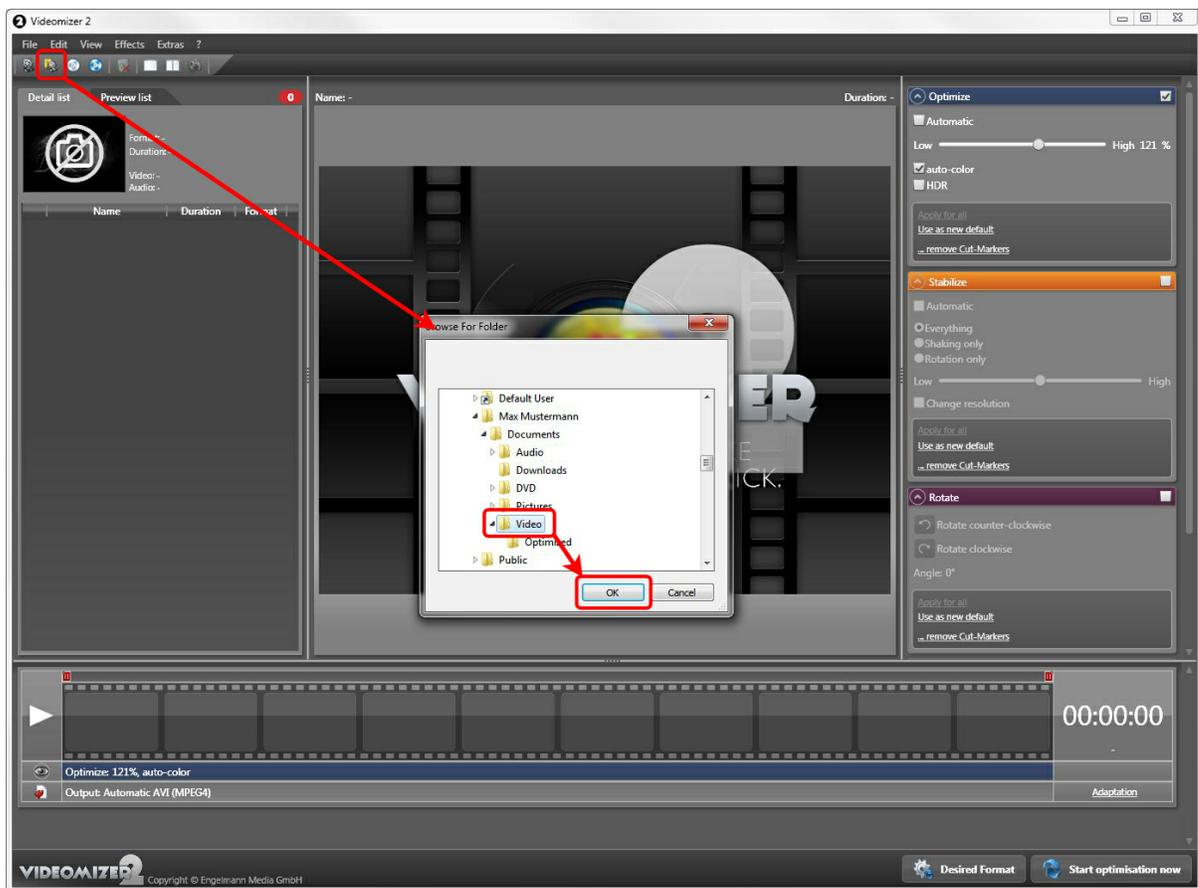


Click to enlarge/ shrink.

### 6.3 Open folder...

Either click on the folder symbol in the icon bar or click on 'File --> Open folder' in the menu bar (See "The menu bar" <sup>35</sup>). A window will pop up, allowing you to browse all folders on your computer. Navigate to the one which contains the videos you want to optimize, select it with a single-click of the left mouse button and click on *OK*. The window will close and the videos in the selected folder will be added to Videomizer 2.

It is not possible to select more than one folder. However Videomizer 2 will add all files from the selected folder as well as all videos from subfolders of the selected folder.

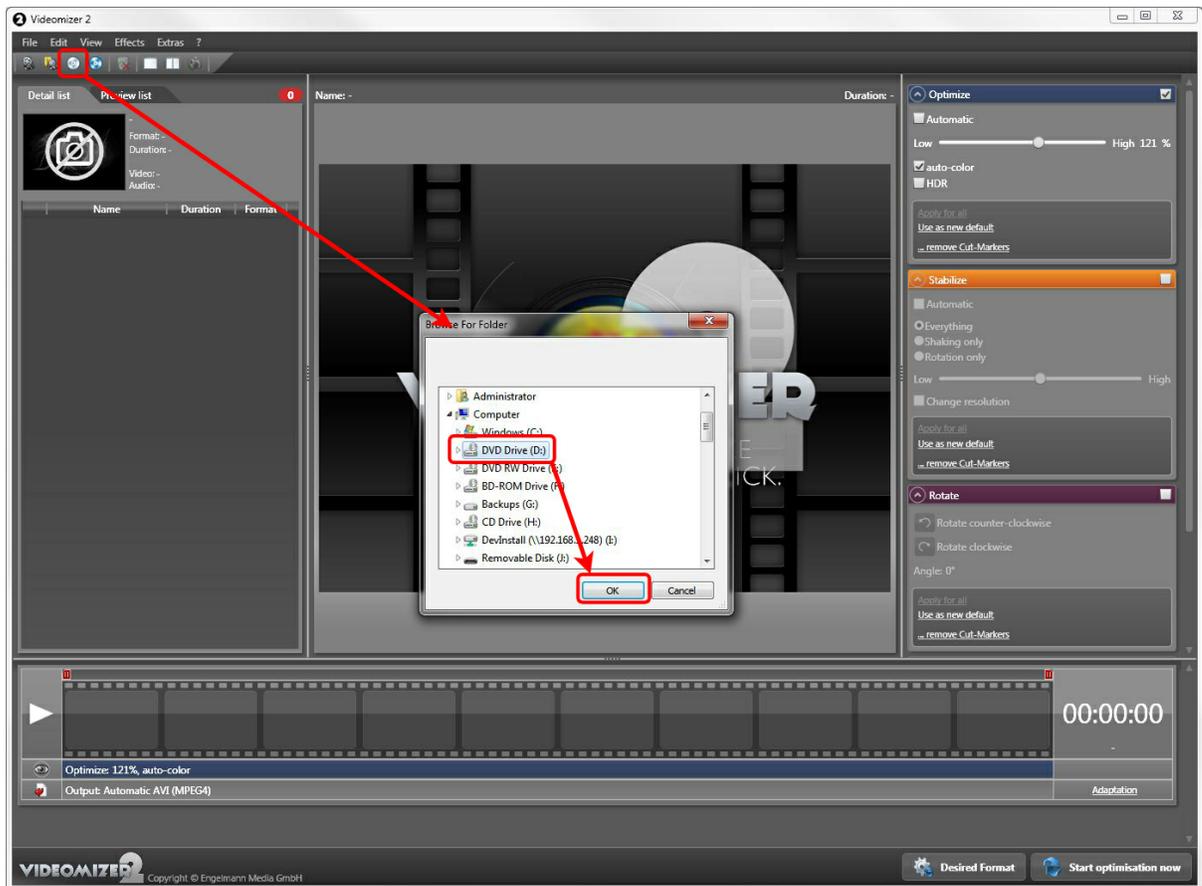


Click to enlarge/ shrink.

## 6.4 Load DVD

Either click the *white* DVD-Symbol in the icon bar or click on 'File --> Open DVD' in the menu bar (see "The menu bar" <sup>35</sup>). A window pops up, allowing you to browse all folders and drives on your computer. You can select one of your DVD-drives, containing a DVD, or navigate to a folder which contains a saved DVD (Normally the folder is called *Video\_TS*). Select the drive/ folder and click on *OK* to load it to Videomizer 2.

**Hint:** Videomizer 2 can not load DVDs which come with a copy protection.

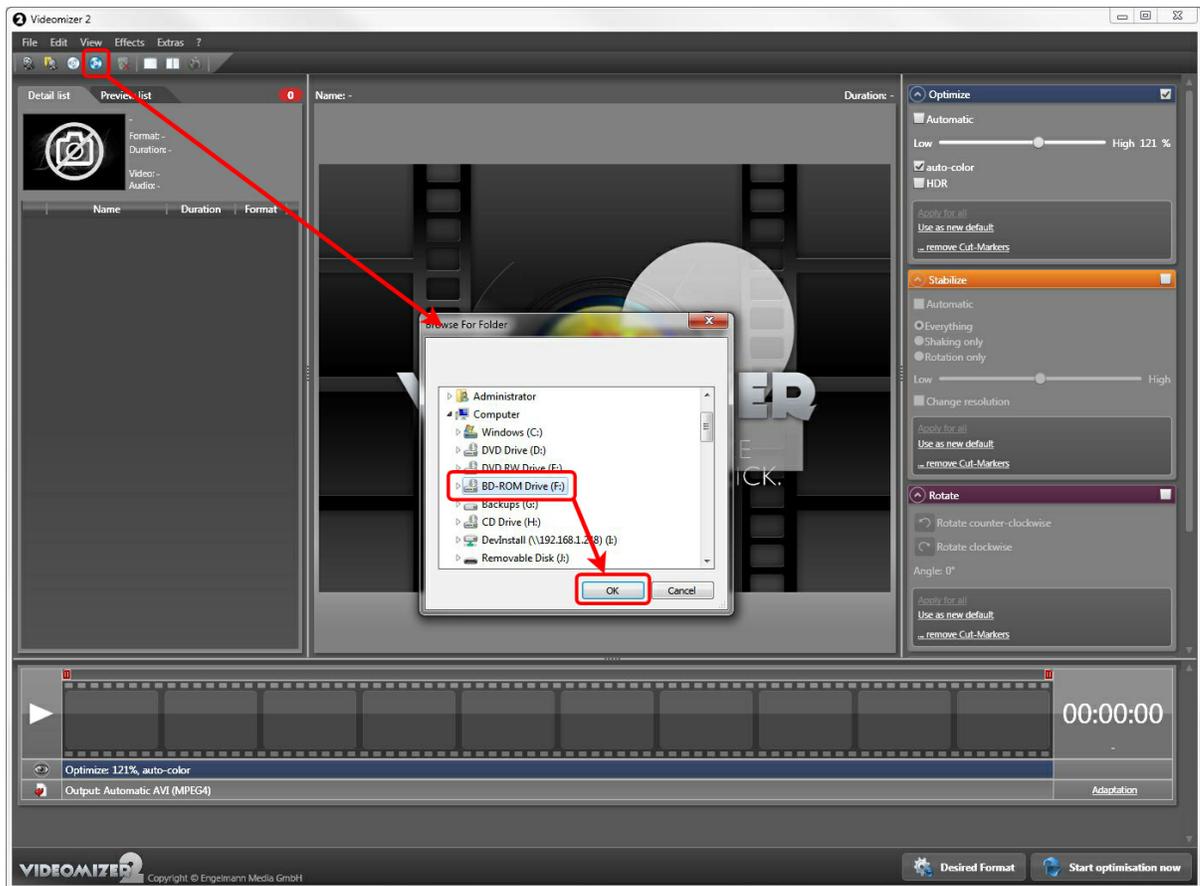


Click to enlarge/ shrink.

## 6.5 Load Blu-Ray

Either click the *blue* Blu-Ray-Symbol in the icon bar or click on 'File --> Open Blu-Ray' in the menu bar (see "The menu bar" <sup>35</sup>). A window pops up, allowing you to browse all folders and drives on your computer. You can select one of your Blu-Ray-drives, containing a Blu-Ray, or navigate to a folder which contains a saved Blu-Ray (Normally the folder is called *BDMV*). Select the drive/ folder and click on *OK* to load it to Videomizer 2.

**Hint:** Videomizer 2 can not load Blu-Rays which come with a copy protection.



Click to enlarge/ shrink.

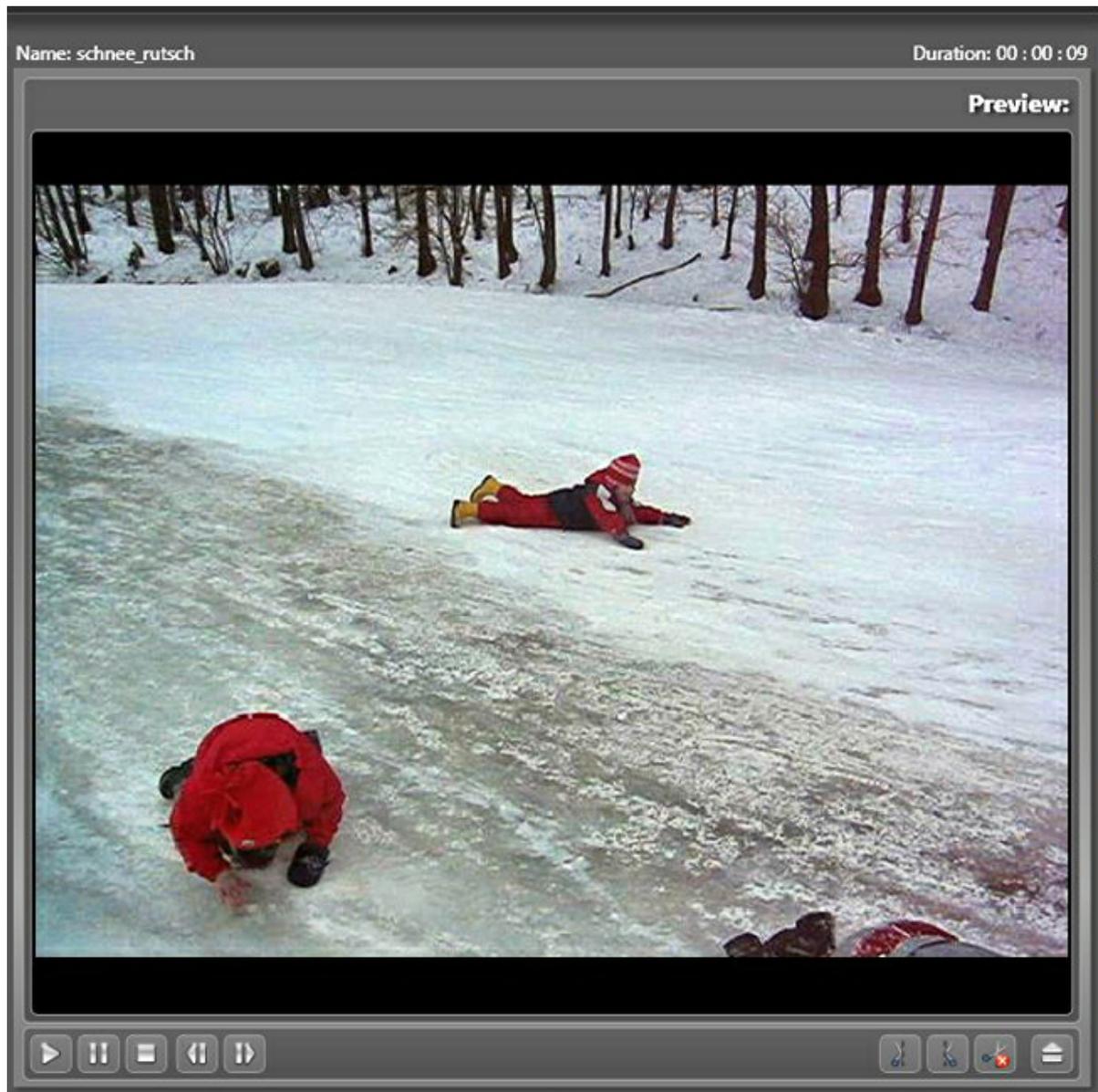
## 6.6 Single-/ Split-view

You can use the preview in two modes - *single-view* and *split-view*. You can change between this modes either by using the icons (See "The icons"<sup>[36]</sup>) or by using the menu bar entry *View* (See "File, Edit, ..." <sup>[35]</sup>).

**Hint:** Videomizer 2 checks your hardware at installation. If your hardware is not fast enough (either because it really isn't or Videomizer 2 made an error checking your hardware) you cannot use the *split-view* by default. If you are sure that your hardware is fast enough, you can enable the *split-view* in the general settings (See "General settings"<sup>[48]</sup>).

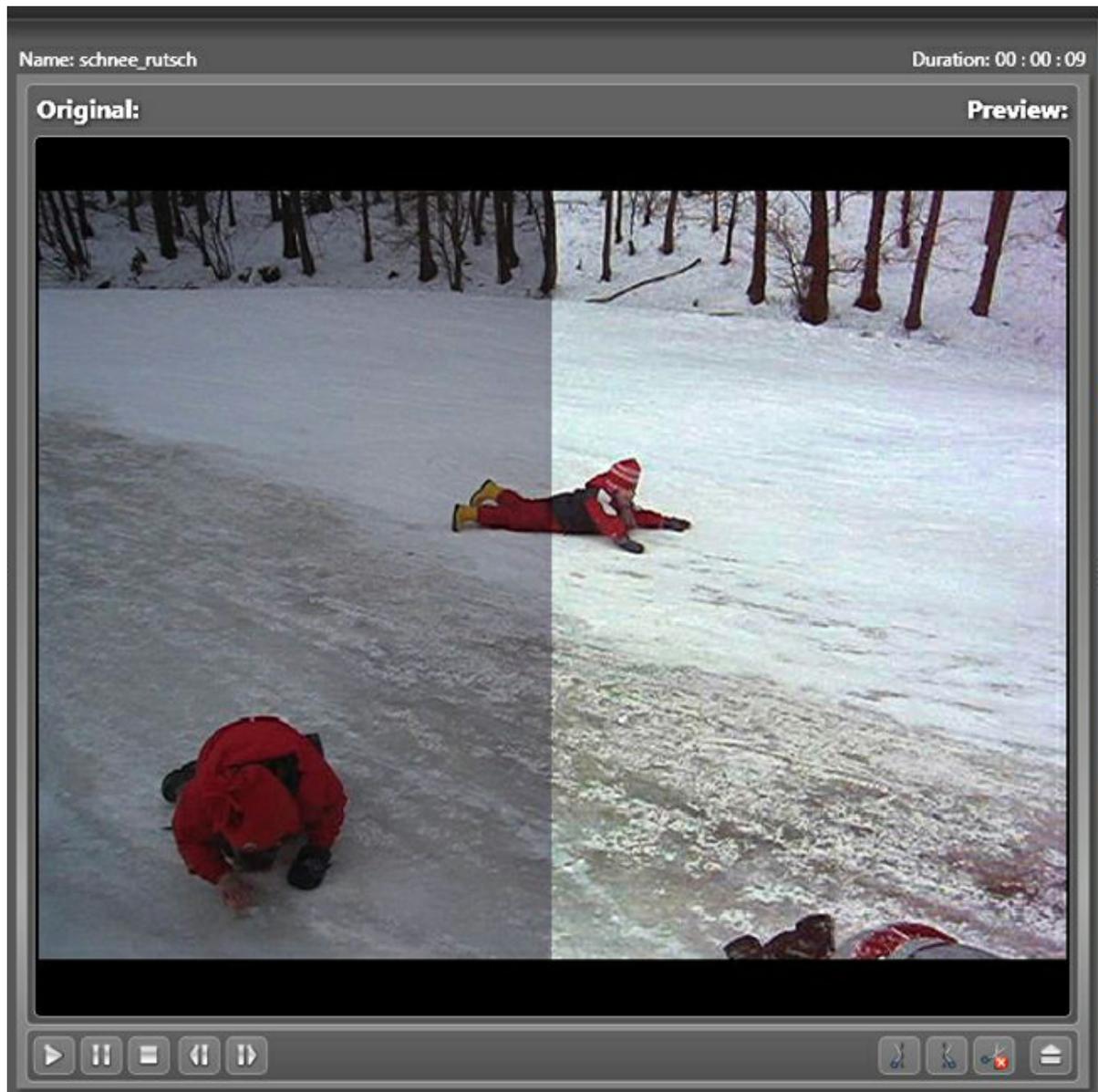
### Single-view:

The *single-view* is a good compromise if you are running Videomizer 2 on old hardware. Using the *single-view* means that the preview will only show the optimized version of the video. This takes much less power than the *split-view*. To see the changes you made to the original video, you can use the *eye symbols* in the Settings - overview<sup>[44]</sup>.



### **Split-view:**

The *split-view* is the most comfortable way to work with Videomizer 2 - but it needs a lot of cpu power. The preview will display a *half-half* picture, where the left half is the quality of the original video and the right half shows the optimized version. This way you can directly see the differences between both versions.



Click to enlarge/ shrink.

## 6.7 Show statistics

The statistics show information about your usage of Videomizer 2. You can display them either by clicking on 'View --> Show statistics' (See "File, Edit, ...<sup>[35]</sup>") or via the "General settings<sup>[48]</sup>". The statistics are located on the right border of the program window, right below the *optimization*, *stabilization* and *rotating* areas. You may have to bring it into view by using the scroll bar. The following table shows detailed information about the single statistics:

|   |   |
|---|---|
|  | <p><i>Date of installation:</i><br/>Shows the date you installed Videomizer 2.</p> <p><i>Count of program starts:</i><br/>Shows the count of how often you started Videomizer 2 since its installation</p> <p><i>Overall runtime:</i><br/>Shows the overall time you used Videomizer 2, including the time you changed settings, the time needed to optimize videos, ...</p> <p><i>Count of optimized videos:</i><br/>Shows the count of videos you successfully optimized.</p> <p><i>Overall runtime of all optimized videos:</i><br/>Shows the overall runtime of all videos you have successfully optimized.</p> |
|---|---|

## 6.8 Language

To make work with Videomizer2 as easy as possible, especially if you work on a computer which is used by people with different languages, it is possible to switch the language at every time. Simply click on 'Extras --> Language --> the language you want' to change it.

## 6.9 Screenshots

Videomizer 2 offers the feature to create screenshots of the currently loaded video. Creating screenshots will result at least in two, one showing the original version of the video, one showing the optimized. You also have the ability to configure Videomizer 2 to take screenshots all XX seconds of the video. This is useful to get a first impression on how the optimization looks over the whole video.

To change between this "*make only two screenshots*" and "*make screenshots all XX seconds*" options you have to go to the General settings<sup>[48]</sup>. There you can also define in which interval Videomizer will take the screenshots.

To create a screenshot you have to use the screenshot icon located in the icon bar. See the chapter "The icons<sup>[36]</sup>" to find out which one it is.