

# Movavi Video Suite 24

What do you need help with today?

### **Removing trial restrictions**

Activate Movavi Video Suite and remove all restrictions

### Capturing video

Record video from a camera

Editing video Create a movie from videos and photos

**Recording screen** 

Capture any fragment of your screen or the full desktop

Need more help? Visit the Movavi Support Center

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# Activating Video Suite

There are three ways to activate Movavi Video Suite:

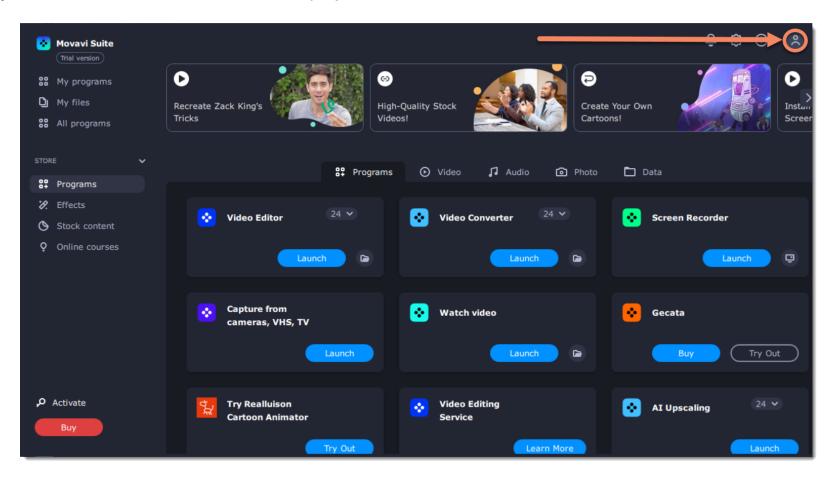
- by logging into your Movavi account,

- using the key through Video Suite,

- using the key through one of the programs included in Video Suite.

### Activation via login

To log into your Movavi account, click the icon in the top-right corner of the launcher.



Choose how you want to log in or register:

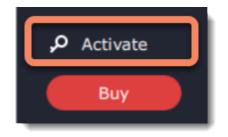
- with Google (enter the email address you used to purchase Video Suite)
- with a special Magic link (link to log in instantly and without a password)

	Log in to your Movavi Account New here? Create an account
Log in to activate your programs and manage	G Log In With Google
your subscriptions	Ceed help activating?

When you click on **Get magic link** we will send you an email with a link to log in instantly and without a password. Movavi Video Suite will be activated as soon as you log in to your account.

### Activation with your key through Video Suite

To activate the program with a key, click **Activate** in the bottom left corner of the program.



Then enter the key in the field and click **Activate**.

Activating Movavi Suite
The trial period ends in 7 days. Click <b>Buy</b> to purchase the full version of the software. If you already have an activation key, enter it below.
111111 - 22222 - 33333 - 44444 - 55555 - 666666 - 77777
How do I activate the program?
Buy Activate Close

### Activation with your key through one of the programs

Click the Programs tab and launch the needed program.

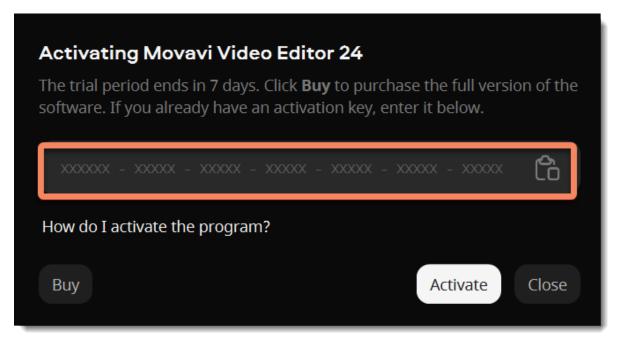
Enter your activation key and click Activate. Restart Movavi Video Suite. This will activate Video Suite and all its programs.

## **Activating without Internet access**

Step 1: Click the button below to buy an activation key. After the purchase is completed, the key will be delivered to you via e-mail.

# **Buy Activation Key**

**Step 2:** Launch any application in Movavi Video Suite (for example, Video Editor). Enter your activation key and click **Activate** through one of the program. Then click Activate.



**Step 3:** In the next window, click **Copy** and transfer this information to a computer or device with an Internet connection.

Step 1. Ser	Step 1. Send an email									
	Please copy this text and email it to us at <u>reg@movavi.ru</u> . To ensure a fast response, do not change the body of the message.									
Activation Key: Hardware ID: Product ID: E-mail:	111111-22222-33333-44444-55555-666666-77777 1052-4B7E-4765-5E27-7578-0000-0000-B1EB suite23 reg@movavi.ru									
Step 2. Reg	gister a key									
You should recei Enter the key in	ve an email with a registration key within an hour. the field below.									
	e									
Back	Activate									

**Step 4:** When you have access to the Internet, paste the information you copied into a new e-mail and send it to <u>reg@movavi.com</u>. You should receive a reply within an hour. Copy the **registration key** from the reply and transfer it to the computer with **Movavi Video Suite**.

Movavi Video Suite Activation $\ \_ u^{n} \times$						
reg@movavi.com						
Movavi Video Suite Activation						
Please copy this text and email it to us at reg@movavi.ru. To ensure a fast response, do not change the body of the message.						
Activation Key: 111111-22222-33333-44444-55555-66666-77777 Hardware ID: 1052-4B7E-4765-5E27-7578-0000-0000-B1EB Product ID: suite23 E-mail: reg@movavi.ru						
5 ♂ Sans Serif • T • B I U A • ≣ • ⊟ •						
Send 🗸 🛯 🖙 🙄 🛆 🖬 🔓 🎢 🖬 🖄 🗄						

**Step 5:** Return to the window with offline activation. If you've closed the window, repeat steps 1-3 and enter the *same activation key you used before*. Then, paste the registration key into the box and click **Activate**.

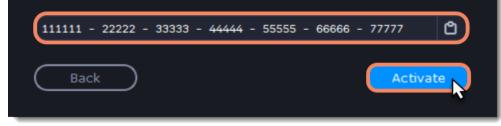


Activation Key:	111111-22222-33333-44444-55555-66666-77777
Hardware ID:	1052-4B7E-4765-5E27-7578-0000-0000-B1EB
Product ID:	suite23
E-mail:	reg@movavi.ru

### Step 2. Register a key

Сору

You should receive an email with a registration key within an hour. Enter the key in the field below.



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# Getting an activation key

To activate Movavi Video Suite, you will need an activation key. You can buy an activation key from our official website or from any of our partners, and it will be delivered to you via e-mail.

1. On the Movavi Video Suite launcher, click **Buy** or use the button below.

Click the Help menu if you are already in the process or recording or editing.



- 2. On the purchase page, click the Buy Now button next to the type of license that you need.
- If you're a home user, choose the **Personal License**.
- If you're planning to use Movavi Video Suite for work, business, or government organizations, choose the Business License.

**3.** Fill in your billing information and enter a valid e-mail address. **IMPORTANT!** We will send the activation key to this e-mail address, so please make sure it is entered correctly.

**4.** After you've completed your payment and your request has been processed, you will receive a confirmation e-mail with your **activation key**.

If you haven't received your activation key:

- Check the Spam folder of your mailbox
- <u>Contact support</u>

# **Trial limitations**

Movavi Video Suite does not have a trial version. However, the programs included in Movavi Video Suite have trial versions. The trial version starts working as soon as the program is installed. The trial version allows you to try all the functions of the program, however, the following restrictions apply in trial mode:

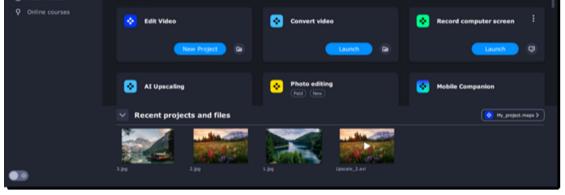
TRIAL VERSION	FULL VERSION
🕺 Program will stop working after 7 days	✓ Lifetime license
A watermark with the words ' trial version' will be added to all output videos	No annoying watermarks
🛿 System sound recording is disabled	<ul> <li>System sound recording</li> </ul>
🛿 Taking screenshots is disabled	<ul> <li>Taking and editing screenshots</li> </ul>
You can only convert half of each audio file and half of each video if you use SuperSpeed mode	<ul> <li>Unlimited video and audio conversion</li> </ul>
	✓ Free updates
	<ul> <li>Discounts on other Movavi products and upgrades</li> </ul>

# Launcher

The interface of Movavi Video Suite is divided into three main regions: the **My programs** board, the program's **side menu**, and the **top section**.

The top section consists of the latest news, interesting articles, and helpful instructions.

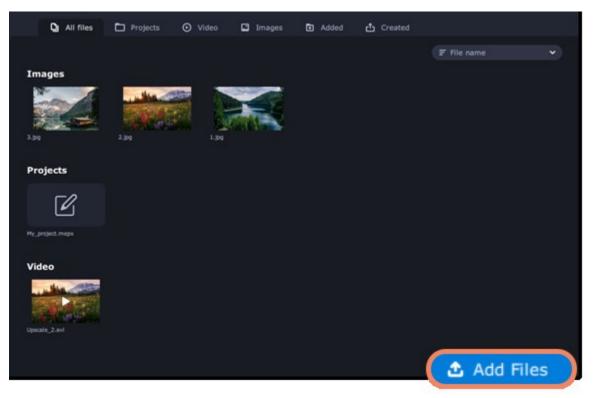
	Create Your Own Cartoons!		O Upgrade to Movavi Unlimited		(S) How to	Make a Meme		Pree Pack for Subscription
82 Programs			C Favorites	⊙ Video J	Audio	Photo	Data	
C Effects		orites						



The program's side menu consists of:

- · My programs and My files tabs;
- Store section;
- Extras section;
- dark/light theme toggle button.

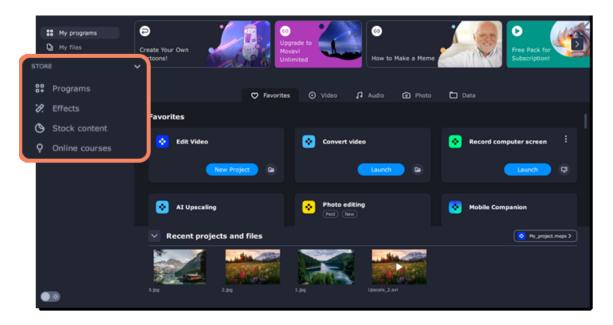
To enable light mode, click the **toggle button**. If you want to switch the program interface back to the dark mode, click the toggle button again.



The Store section offers you more content to enhance your videos:

- the **Programs** tab offers more programs for working with different kinds of media and documents.
- the Effects tab consists of additional effects sets titles, stickers, backgrounds and transitions for your videos.
- in the **Stock content** tab, you can get additional sets of special effects, as well as stock video clips, audio tracks, and images.

• the **Online courses** tab features video clips and online video courses that you may use to get more professional and creative in terms of video making.

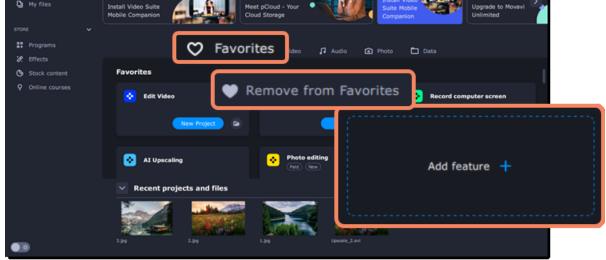


The My programs tab consists of:

- · a board with the favorites and the main functions of the program;
- recommended programs, effects and online courses;
- recent projects and files.

The **Favorites** board allows you to add the functions you use the most to begin working right after the program starts. To add a new feature, click the **plus** button and select the feature you'd like to set up quick access to. It will appear on the quick access board. To remove a feature, click the three dots button and then click **Remove from favorites**.





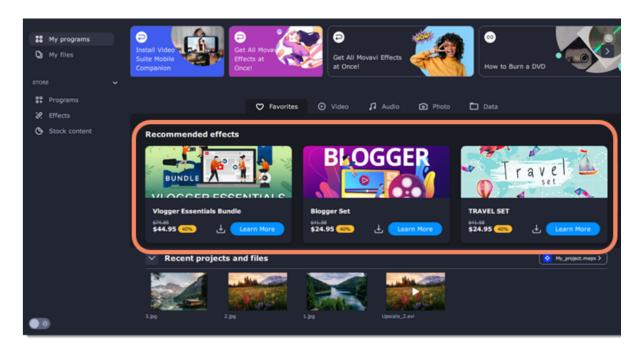
All the program features and tools are sorted according to the media type:

- Video to edit, convert, trim, or watch a video and record your screen or capture TV or VHS signal.
- Audio to convert, record, play, and even burn your music to a CD or DVD.

- Photo to convert pictures as well as make a slideshow with music and transitions.
- Data to import an AVCHD video, burn a disc, or copy one.



Below the Favorites, you can find Recommended effects and online courses on the board.



**Recent projects and files** represent the latest content you work with within Movavi Video Suite programs.

My programs           D         My files           STORE         Image: Contract of the store	Dinstall Video Suite Mobile Companion		Deet pCloud - Y Cloud Storage	iour	Install Suite I Compu	Mobile	Opgrade to Movav Unlimited	
SS Programs		🗢 Favo	vites 💿 vi	ideo 🎜 Audio	Photo	🗖 Data		
🔅 Effects								
Stock content	Favorites							
Q Online courses	😧 Edit Video	New Project 🕞 🕞		Convert video	h D	😵 Record cor	nputer screen	
	AI Upscaling	ı		Photo editing Paid New		😵 Mobile Con	panion	
	Recent proje	cts and files					• My_project.mep	••
•	vice and the second sec	2.30	1.30	in the second se	2.avl			

You can open the needed project or file for editing or conversion, send it to your phone, and delete it from the library or your computer.

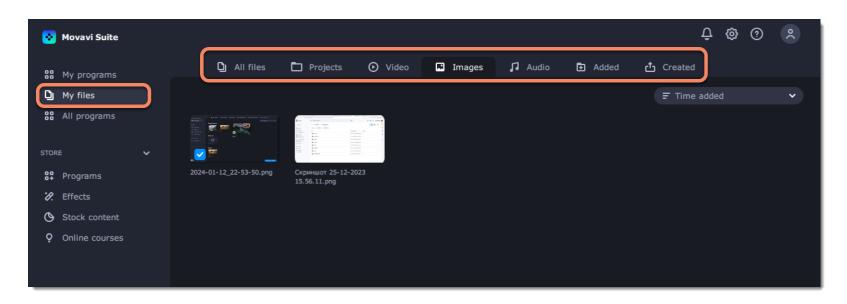
✓ Recent proje	ects and files			
3.jpg	Open with Send to phone Remove from library Remove from computer	, 0	Video Editing Conversion Photo Editing PDF Editor	Upscale_2.avi

The **My files** tab leads to the library, which contains all the files and projects you work with. You can also add files to the library manually and open them in any program.

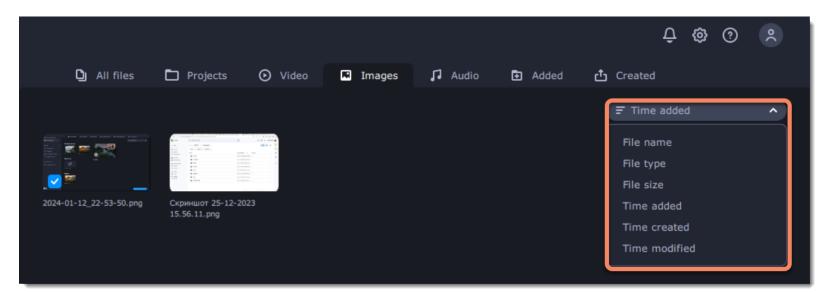
# My files

The **My files** tab leads to the library, which contains all the files and projects you work with. You can also add files to the library manually and open them in any program.

Use the tags on the top panel to quickly search the files by the file type.

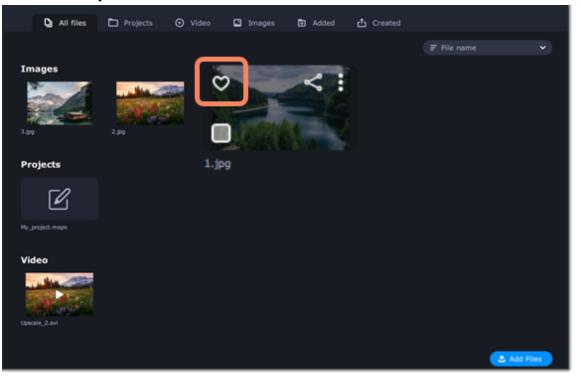


You can choose how the files in your library are sorted. To do that, click the arrow and select the option you want.



### Adding files to favorites

To add a file to your favorites, hover it with your mouse and click the heart icon.



### Adding files to library

To add files to your library, click Add Files. Then select the files you want to add and click Open.

🕹 Add Files

#### Images







#### Projects

Ø

#### Video



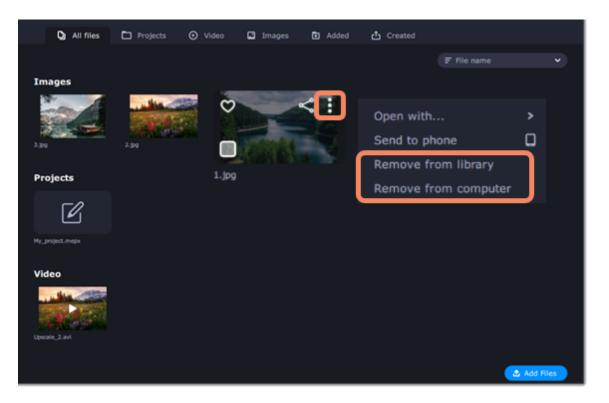




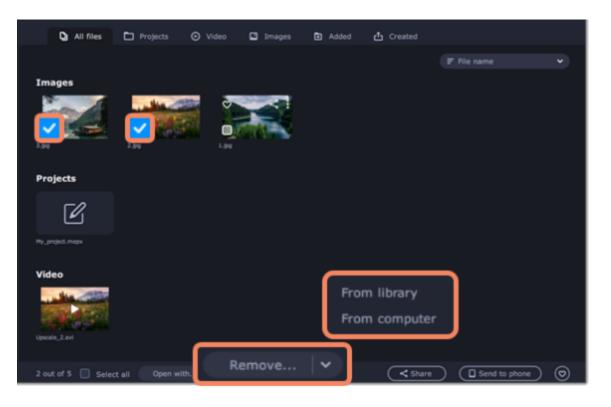


### **Removing files**

To remove a file, hover it with your mouse and click the icon with three dots. **Remove from Library** removes files only from your Video Suite library and keeps them on your computer. **Remove from Computer** completely deletes files from your hard drive.

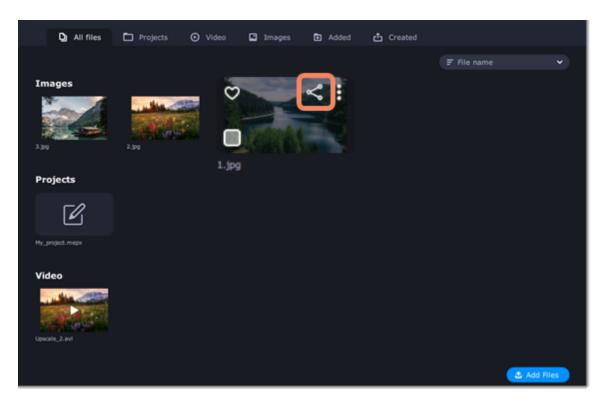


You can also remove several files at once. Select the files you want to remove by checking the boxes on the bottom left corner of the thumbnails and then click **Remove**.

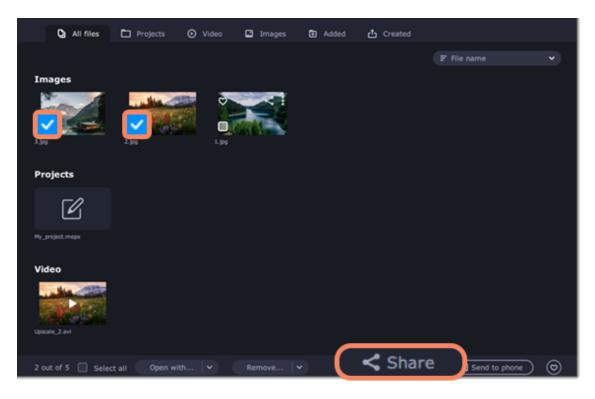


### **Sharing files**

To upload a file online, hover it with your mouse and click the sharing icon.



You can also share multiple files at the same time. To do that, select the files by checking the boxes on the bottom left corner of the thumbnails and then click **Share**.



#### More about uploading files online

With the **Mobile Companion** app, you can transfer files from the Video Suite library to your phone. Select the files you need and click the **Send to Phone** button. After the files are sent, open the app, sign up with your Google account and upload the files.

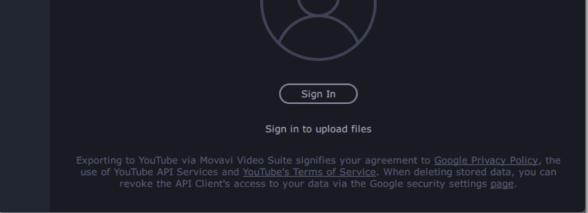
Q All files	Projects	⊙ Video	Images	Added	🖞 Created		
						File name	~
Images							
		-100					
Projects							
Ľ							
Hy_project.mepx							
Video							
Upcole, 2.evi							
2 out of 5 🔲 Selec	t all Open wit	h  ♥)	Remove	•	🗌 🗋 s	end to phone	$\mathbf{)}$

You can also transfer files the other way around – from your phone to the Video Suite library.

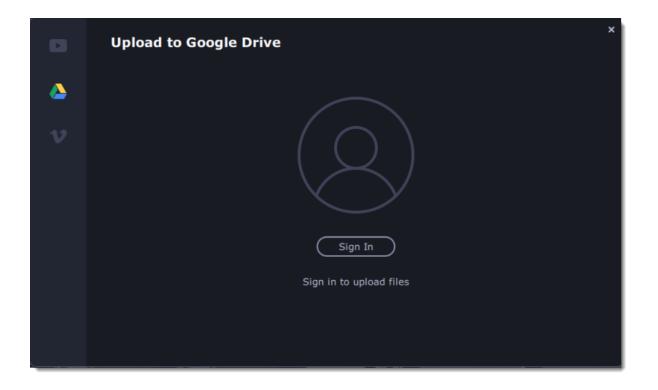
# **Uploading files online**

1.Select the service you would like to upload your videos to: Youtube, Vimeo or Google Drive.

	Upload to Youtube	×
۵		
v		



2. Click **Sign in**. The authentication page will open in your browser. Sign in to your account and click **Allow** to let Movavi Video Suite upload videos.



### **Uploading to Google Drive**

1. Select a Google Drive folder where you want your file to be uploaded. You can create new folders in your Google Drive storage straight in the export window.

2. Click **Upload** to export your file.

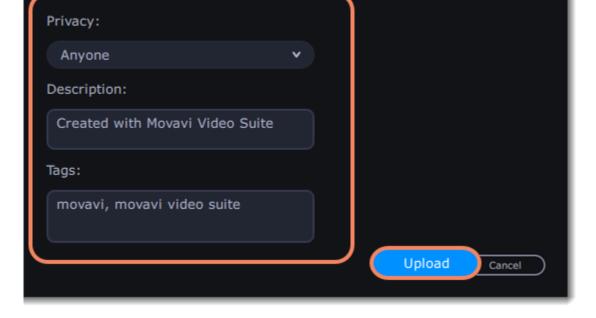
Upload to Google Drive	× C→
Upload to:	
Google Drive	
New folder	
থ(+)	
reate folder	Upload Cancel

#### **Uploading to Vimeo**

- 1. Set the level of privacy:
- Anyone any person can watch the video.

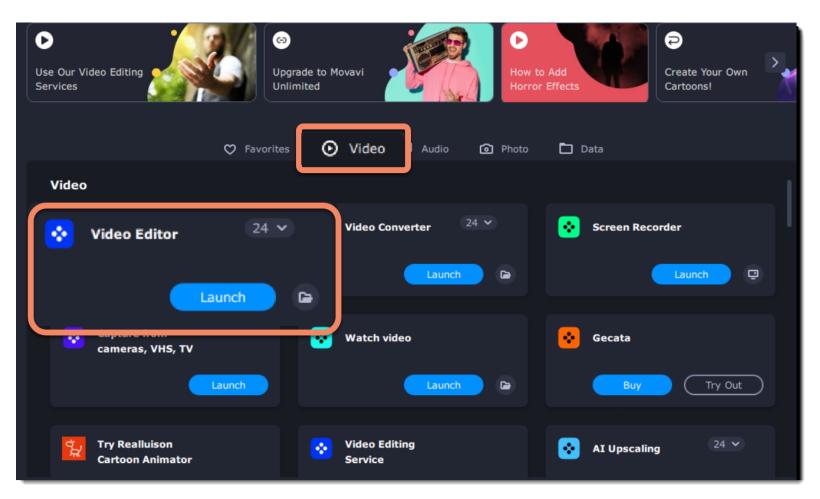
**Only people I follow** – only people you're subscribed to can watch the video.

- **Only me** nobody, but you can access the video.
- 2. Fill in the description for the video.
- 3. Add tags.
- 4. Click **Upload** to export your video.



# **Edit video with Video Editor**

Using Movavi Video Suite, you can create your own movies using the media files you have on hand. To open Movavi Video Editor, go to the **Video** tab, then click **Video Editor**.



### How to use the Editor?

#### Step 1: Add media

Add videos, photos, and music to your video project. <u>Open captured videos in the Editor</u> <u>Record video</u> <u>Record audio</u> <u>Arrange files chronologically</u>

#### Step 3: Join clips with transitions

Drag-and-drop transitions from the Video Editor's extensive collection to join clips with fun animations.

#### Step 2: Edit video

Edit and enhance the video clips to make your video just the way you like it. <u>Cut and split video</u> <u>Rotate clips</u>

> Crop the frame Apply cool filters

#### Step 4: Annotate your video

Get your thoughts across with sound and text. <u>Record a voice-over</u> Add text titles

#### Step 5: Save your video

Export your project to a common video format. Save for devices Save for uploading online

# Activating and installing packages

Expansion packages are sets of additional content, which include transitions, titles, stickers, backgrounds, and music. The packages help you achieve your creative goals, broaden your freedom of expression, and save time choosing the right artistic tools.

### Acquiring a package

1. Go to Movavi Effects Store. You can also find this this link in the **Help** menu > **Movavi Effects Store**. Or by clicking a cart icon in effect, transition, title or sticker collections.

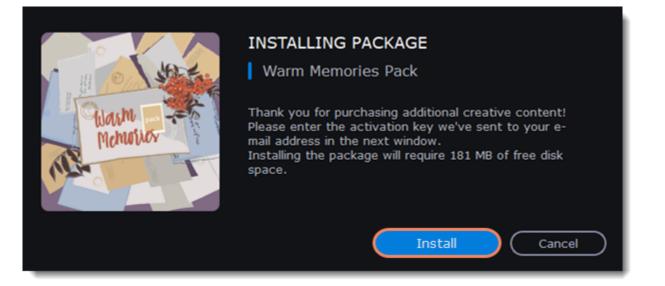
2. On Movavi Effects Store web-page choose and purchase the packages you like. After the purchase is processed you will receive an e-mail with an activation key, a link to download the package, and an instruction on how to install it.

<u>File E</u>dit <u>P</u>layback <u>S</u>ettings Export <u>H</u>elp



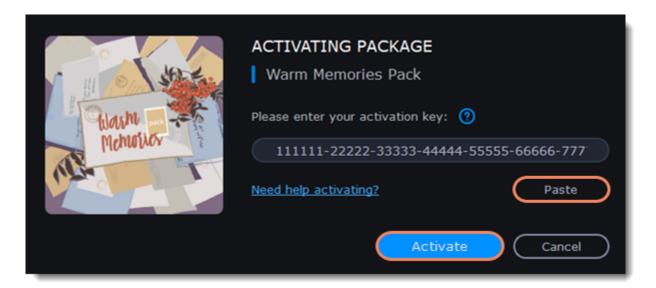
### Installing a package

- 1. Click the link you received with the e-mail and download the package.
- 2. When the download is finished, open the package as you normally would open your project: double-click the file or drag and drop it in the Video Editor. The program will run the installation process.
- 3. In the **Installing Package** window click **Install** and follow the instructions on the screen.



#### Activating a package

- 1. Copy the activation key from your email.
- 2. Paste it in the in the Activating Package window.
- 3. Click Activate.



Wait until the installation is finished. The new elements will appear in the corresponding categories. The categories with the new elements will have a yellow dot on them and the elements will be marked with the NEW label.

Cannot install or activate the package? Make sure that:

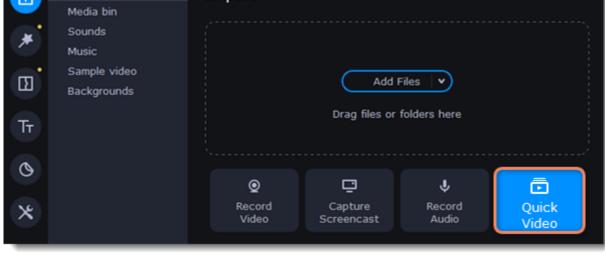
- The Video Editor you have installed on your system supports the packages;
- You use the key that was sent to you after the purchase of a package and there are no additional symbols after the key;
- You have enough free disk space to install the package.

# **Quick Video mode**

You can use the **Montage Wizard** to automatically build a video for you in minutes. All you need to do is provide the Wizard with some video clips or photos, choose a music track, and let the Wizard cut and build the video for you. You can also use the Montage Wizard to make slideshows.

1. Click Quick Video to open the Wizard.

File import Import	

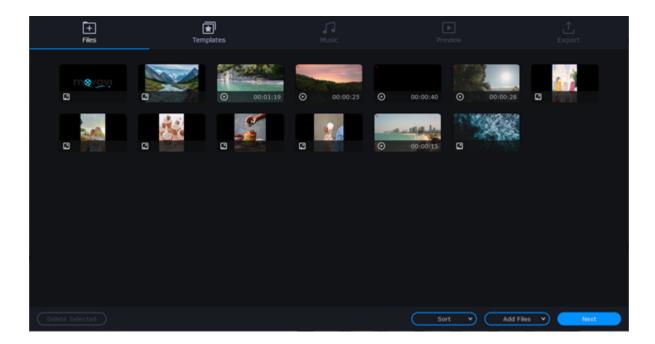


2. On the Files tab, click



or drag and drop your files over the window. To remove files, click the 🔀 in the upper right-

hand corner of each file, or select the files you want to delete and click Delete Selected on the bottom panel.



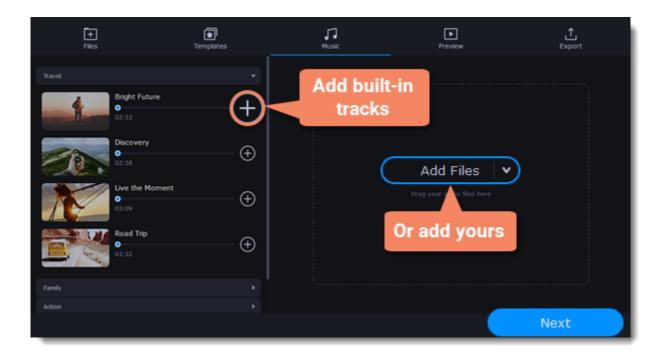
- 3. Switch to the Templates tab or click Next.
- 4. Choose a theme or a transition template.

No transitions template does not add any transitions to your video, but your pictures will still have a Pan and Zoom effect applied by default.

*Transitions* template puts some kind of smooth transitions between the slides.

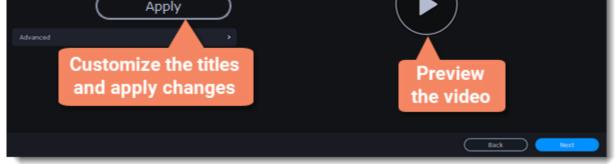
Theme template uses the sample music tracks, a set of different transitions for each of the themes and various title styles.

- 5. Switch to the **Music** tab or click **Next**.
- 6. Add music. Choose from the built-in tracks\* or add music of your own. You can also add more than one track. \*The audio tracks are royalty-free so you can upload these videos to YouTube and other services.



- 7. Switch to the Preview tab or click Next.
- 8. Customize the opening and ending titles, change text and click Apply.

Files	Templates	Music	Preview	亡 Export
Titles				
<ul> <li>Opening titl</li> </ul>	es			
Title here	Amazing titles			
<ul> <li>End titles</li> </ul>				
Title text here	- Subtitle -		$\frown$	



- 9. Under the **Advanced** tab make other necessary changes.
  - Video duration

You can set your video to be the same length as the audio by selecting the **Fit to music length** option or use the slider to set how long you want the video to be. If you opt for a shorter video, some clips may not appear in the end result.

#### Fill black bars

If the resolution of the project and the files you've added to the video are different, black bars will appear. You can remove them by checking the **Fit to frame** option – the image resolution will be automatically fitted to the frame size.

Learn more about frame size

• Volume balance

By bringing the upper slider to the right end you will turn the volume of the added video up to maximum. And by bringing the bottom slider to the right end, the volume of the background audio track will have its maximum volume.

#### Arranging clips

If you have a lot of pictures and want to change their order in the video, click the **Shuffle** button. The Wizard automatically mixes your files and puts them in a different order.

<b>F</b> #es	<b>★</b> Templates	Music	Preview	 Export
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			Ba	x Next

Tip: You can also set a desired order of appearance of your files by returning to the **Files** tab and dragging the file icons in a desired order.

- 10. Watch the finished video in the player on the **Preview** tab and switch to the **Export** tab.
- 11. Select what you want to do next with your video:
- Save the video save the video to your disk.

begin saving the video.

- Continue editing add final touches to your video by adding effects, more titles, animation and more.
- Upload online save the video to your disk and upload it to YouTube, Vimeo, Google Drive or Movavi Cloud.
- 12. To save the video, choose a video format and pick a folder to save the video file. If you're uploading the video to YouTube, sign in with your YouTube account and fill in the details about your video. Then click **Start** to

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# New Project mode – quick start

In this mode you can use all the tools that the Video Editor has to offer and create professional-looking videos without complicated software.

You can create a new video by creating a new project or a quick video.

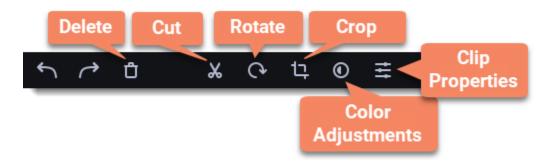
1. To start creating a project just add files on the Timeline. If you want to start another project select Create New Project in the File menu.

File Edit Playback Settings	Export Help				
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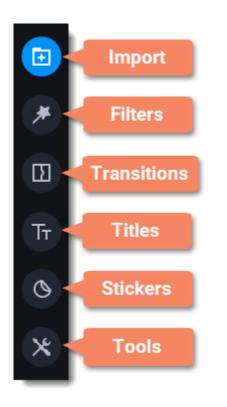
2. Click Add Files or drag and drop your files over the import area to start working on them.

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×	<b>f</b> /² 0	Image: Capture Video     Image: Capture Screencast     Image: Capture Audio     Image: Capture Video       X     C     12     0     Ξ     10	⊕      Biport
		Or drag them on the Timeline	0.01.50 00
Г 👷 Scale:			<b>q</b> <sup>°</sup> Notifications

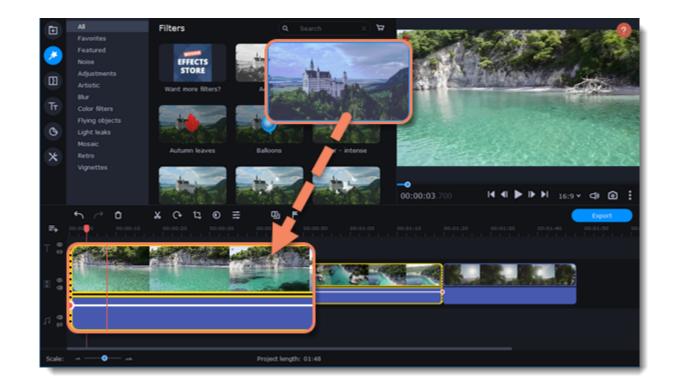
3. Change the clip layout on the Timeline, crop images, cut videos, using the toolbar.



4. Add effects, transitions, titles, and more by changing the tabs on the left-hand side of the screen.



5. To add filters and transitions to the project, drag them to the Timeline.



#### 6. Save your video:

- 1) Click the **Export** button.
- 2) Choose file format.
- 3) Name the video, select a folder to save the video to and set the quality.
- 4) Click **Start** and wait until the processing is finished.

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Make sure to save your work once in a while: choose **Save** from the **File** menu to save the project so that you can access it later.

### **Creating and managing projects**

### How to create, save, and open projects and finished videos

A project keeps all the work on your video or slideshow. You can save the project to finish your work later, or restore your work if you need to edit something after you've finished. A new project is created automatically when you start working on a video.

#### Creating a new project

- 1. On launching the Video Editor you can start making a video right away.
- 2. To start a new project while working on another project, go to the File menu and select Create New Project or Create Quick Video.

#### Saving projects

1. Go to the File menu and select Save Project. Or use a keyboard shortcut Ctrl+S.

2. Name your project. All projects are stored in the "\My Videos\Movavi Video Suite\Projects" folder of your user.

3. Click Save.

You can later open the project file and continue working on it. To avoid losing your editing progress, make sure to save your project every once in a while. To save a project, open the File menu and select Save Project.

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After that, you can save your project as a file in the \*. mepx format on your computer and open it later to continue editing your movie.

#### **Viewing videos**

Project files cannot be viewed in a regular video player, and can only be opened with Movavi Video Editor. To view the final video in a player, you need to first export your project to a common video format. Learn how to export your project

#### **Opening projects**

- 1. Open the File menu and select Open Project.
- 2. Find the project file, select it and click **Open**.

You can also open projects in several different ways:

- A. Find your project in Explorer and drag it onto the Video Editor window or double-click it.
- B. In the Import area click Add Files and select find your project.

#### Media use

When you add files to a project, Movavi Video Editor uses the original file for reference as you edit the movie. To save your disk space, Movavi Video Editor does not make copies of the files, but rather remembers the *location* and *name* of the original file, so if you move or delete the files, they will also disappear from the project.

Because all of your editing work is done in the project, your original files are not edited in any way, and you do not need to make reserve copies.

#### How can I play my project?

Project files cannot be viewed in a regular video player, but can only be opened with Movavi Video Editor, Movavi Screen Capture Studio, or Movavi Video Suite. To view the finished work in a player, you need to first export your movie to a common video format. Learn how to export your project

# **Appending a project**

If you work on a big project, you might want to separate it into several smaller ones for a more convenient editing process. Then, to combine them back together, append other projects to the major one.

1. Open a project or create a new one.

2. Open the File menu and click Append Project.

3. In a new window, find and open the project you want to combine with your current project. The project you append will be added at the end of all other clips in the current project.

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# Adding media files

To begin working on your video project, you first need to add some media files. Use your own files or any of the built-in media.

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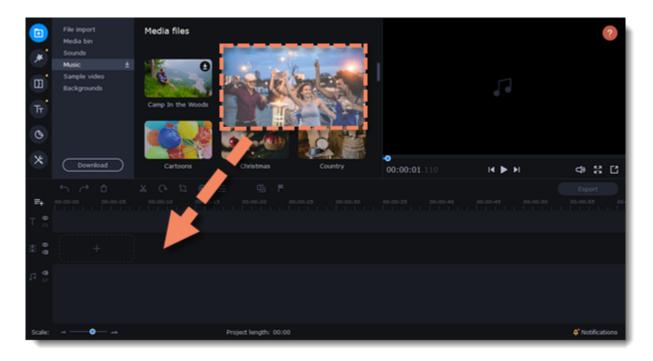
#### Add your files

- 1. On the File import tab click Add Files.
- 2. Select the files and click **Open.** They will appear on the **Media bin** tab.

3. From the **Media Bin** tab drag and drop the files onto the Timeline. You can remove the selection of all files by clicking on an empty space within the bin area, or by selecting a single file.

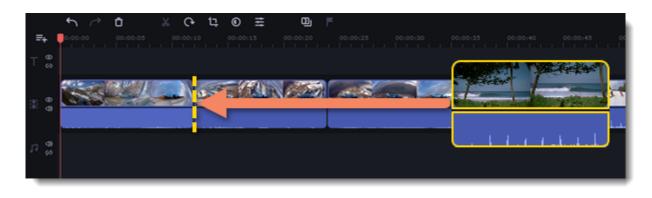
### Add built-in media

- 1. On the **Import** tab select the type of media you want: sounds, music, sample video or backgrounds.
- 2. Switch to a tab.
- 3. Click the file icon to download and see it or to listen to it.
- 4. Choose a media file and drag it onto the Timeline to add to the project.



#### **Arrange the files**

Once you've added the files, they will appear on the *Timeline* at the bottom of the window. The Timeline allows you to arrange the clips in the order you want. To reorder the clips, select the clips you want to move and drag them to the new position.



#### See also: Working with video Working with audio

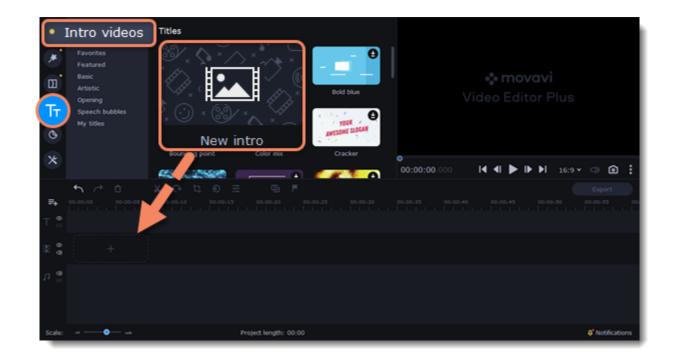
# **Creating an intro**

**Intro videos** are specifically designed short video clips that use visual elements and text and can be edited or customized. If you don't know where to start in making a unique intro, you can use the ones that are already made and pre-installed into the program. You will only need to change the text.

#### **Create a new intro**

1. In the Titles collection go to Intro videos.

2. Find the **New intro** clip and drag and drop it onto the Timeline.



### **Edit the intro**

1. Click O on the clip and the Timeline will switch to the intro editing mode.

2. Add your own media files (video, audio or pictures), effects, titles and other. Work as if you're working with a usual project, but keep in mind that your making a special introductory video.

\*Before you start editing, delete the instruction clip that the new intro contains.

#### Save changes

Click *Click* Click Chapping and return on the toolbar to save changes and go back to the main editing mode.

To save the intro and use it in other projects, select the intro clip and click **(**). The intro will be saved with all the other items in the collection. You can edit the intro at any time while working on the project.

# **Recoding video**

1. Connect the camera you want to capture from to the computer. Make sure that the system recognizes the device and that it is working correctly.

2. On the **Import** tab of the <HE ЗАБЫТЬ>: Задайте значение переменной, click **Record Video**. The recording module will open in a separate window.

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3. In the Video capture device box, choose the camera.

4. Then, select the **resolution** and **frame rate**. A larger resolution will be able to retain better quality, however, the video file size will be larger.

A higher frame rate is necessary for recording motion, while static scenes can be captured with a lower frame rate. 5. In the **Audio capture device** box, choose the microphone.

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and the second second	Capture settings
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	View saved files
O Back to editing	

6. Choose a destination folder. By default, the recordings will be saved to your *Movavi Library* folder. To change it, click the icon ear the **Save files to** box.

Click Start Capture to begin recording the video. During capture, you can take snapshots using the camera icon on the right.
 When you're done, click Back to editing at the bottom of the window. The captured files will be added to the Timeline and saved to disk.

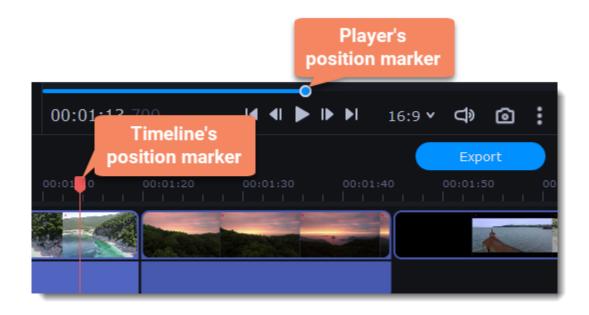
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# Preview and organize clips

Use the player in the upper right-hand part of the window to preview your project.

#### **Current position**

Your current playback position can be controlled using the position marker under the player and on the Timeline.



For precise positioning:

• To move in 0.5 second increments, open the **Playback** menu and choose **Skip Forward by 0.5 Seconds** (Shift+Ctrl+Right) or **Skip Backward by 0.5 Seconds** (Shift+Ctrl+Left).

• To move precisely from frame to frame, use the **Previous frame** (Ctrl+Left) and **Next frame** (Ctrl+Right) buttons in the player.

• To switch between clips, use the **Previous clip** (Shift+Left) and **Next frame** (Shift+Right) buttons in the player. This will move the position marker exactly one frame backward or forward.

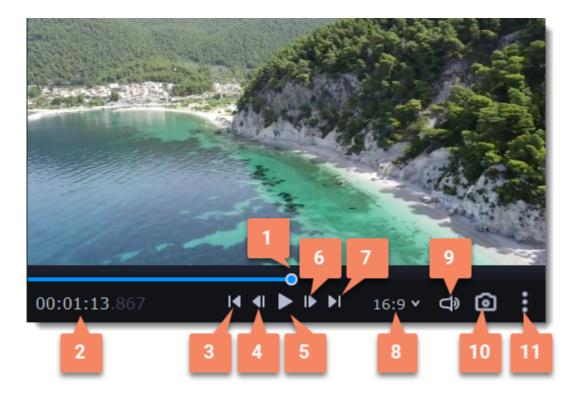
• Use the **Scale** slider to zoom in on the Timeline to make positioning easier.



### **Playing the video**

1. Move the position marker to where you want to start playback.

- 2. Click Play or press the Space Bar key.
- 3. Click the **Pause** button or press the **Space Bar** again to pause playback.



- **1** player position marker
- 2 current time
- **3** previous clip
- 4 previous frame

- 7 next clip
- 8 aspect ratio of the project
- 9 player volume
- 10 snapshot of the player

<b>5</b> – play/pause	11 – additional settings of the player
<b>6</b> – next frame	

### **Arranging clips**

By default, media files will appear on the Timeline in the same order in which you've added them. To rearrange the clips, drag them with your mouse and drop them onto the desired position. To select multiple clips, use *Ctrl+click* or click and drag to draw a selection on the Timeline.

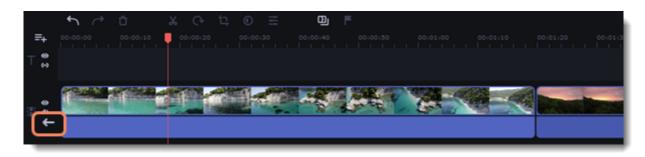


# **Gaps on the Timeline**

Gaps on the Timeline are empty spaces between clips on the video track.

### Adding of the gaps

1. To enable gaps, click the arrow icon in front of the video track.



Either right-click the area in front of the tracks and select **Enable Gaps on Track** in the context menu.

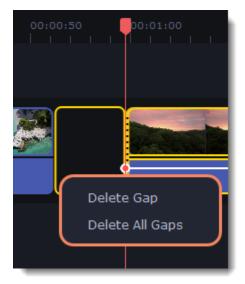
	Select All Clear Track	
	Hide Track Mute Track	
C	Enable Gaps on Track	$\supset$
	Add Extra Track	>

2. To add a gap, press the clip with the left mouse button and drag it to a distance from the other clip.



### **Deleting the gaps**

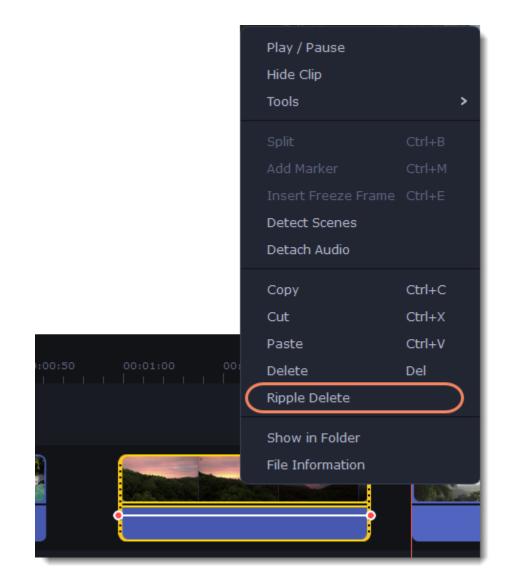
1. Right-click the gap you want to delete.



2. Select **Delete Gap** to remove the selected gap. Select **Delete All Gaps** to delete all the gaps on the track. When you delete gaps, the clips will move towards each other.

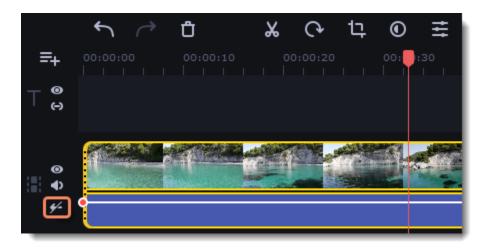
#### **Ripple delete**

To delete a clip on the track and move all the clips on the right side by the length of its duration, without deleting gaps, select **Ripple Delete**. Right-click the clip you want to delete.



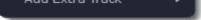
### **Disabling gaps on a track**

To disable gaps and move all clips to each other, click the crossed-out arrow icon in front of the video track.



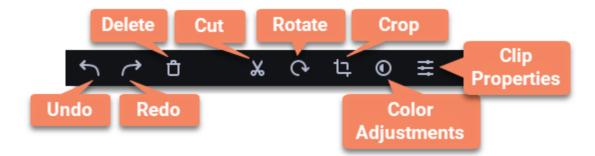
Either right-click on the area in front of the tracks and select **Disable Gaps on Track** in the context menu.

	Select All	
	Clear Track	
	Hide Track	
_	Mute Track	
C	Disable Gaps on Track	$\mathcal{D}$
	Add Extra Track	,



# Edit and enhance clips

Arrange, edit and enhance clips with the tools that you can find on the toolbar and on the More tab.



In a table below see what tools you can use on clips and how to apply them.

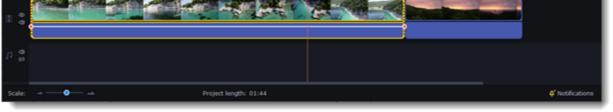
Split	Set the position marker on the Timeline where you want to separate your clip and cut it.			
Rotate	Turn the clip clockwise.			
Сгор	Set on the player the space you want to keep and cut the borders.			
Adjust color	Make the necessary color changes using presets or set them manually.			
Turn the sound up or down	Click Clip properties and use the Volume slide to change audio loudness.			
Normalize the video sound	Select the Normalize checkbox in the Clip properties to make the sound smoother.			
Change video speed	Click Clip properties and use the Speed slide to make the video faster.			
Reverse the video	Select the Reverse checkbox in the Clip properties to play the clip from the end to the start.			
Change opacity	Move the Opacity slide to make the clip transparent.			
Change clip length	To change the clip length move the borders of the clip on the Timeline or use the Speed slide to make the clip faster.			
Make clip fade in or out	Use the Fade in and Fade out slides to make the clip appear and disappear smoothly.			

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### Edit videos and images

Photos and videos aren't always perfect from the beginning. Use the buttons on the toolbar to fix and adjust the clips.

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×		Record Capture Record Audio	
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### Picture in picture and overlays

To overlay one video or image on top of another, select the clip you want to show *on top* and drag it up, towards the top of the Timeline to create an extra overlay track. Then, double-click the upper clip to set up where the overlay will be shown on the video. Learn more about overlays



Picture and picture, side by side overlay modes.

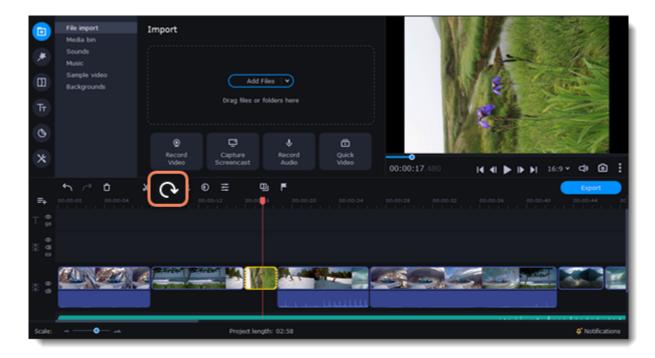
# **Rotating videos and images**

Nobody likes vertical videos! But don't worry, in just a few clicks, you can turn any photo or video around without having to crane your neck.

### **Rotating by 90 degrees**

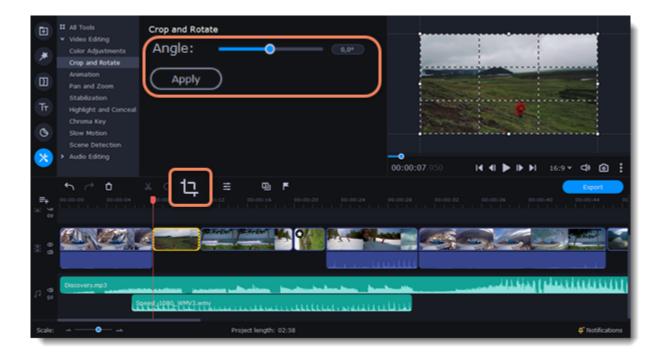
1. Select the clip you want to rotate

2. Click the **Rotate** button on the toolbar to rotate the clip by 90 degrees clockwise. Click the button again to rotate the video more. Learn more: <u>Removing black bars</u>



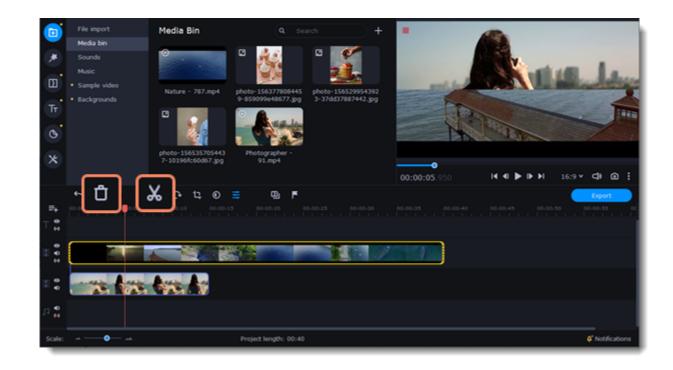
### Fixing the horizon level

- 1. Select the clip on the Timeline.
- 2. Click the **Crop** button on the toolbar.
- 3. Use the **Angle** slider to slightly rotate the clip inside the frame, until the horizon is level with the guides in the player.



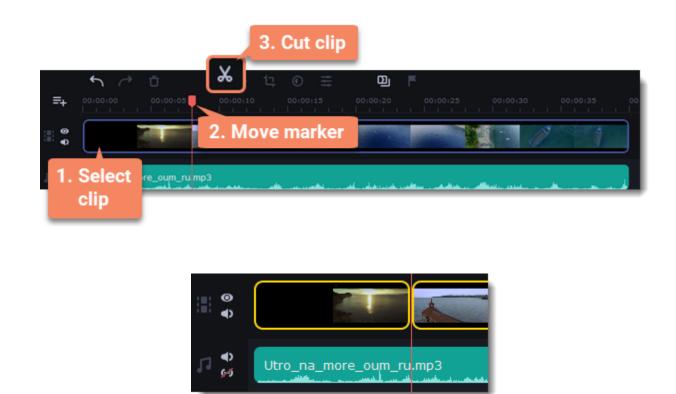
# **Cutting clips**

Use the scissors button on the toolbar to cut video and audio clips into parts. To delete a clip you don't need, click the trash can button.



Splitting clips into parts

- 1. Select the clip that you want to split.
- 2. Move the position marker to the moment where you want to cut the clip.
- 3. Click the Split button on the toolbar.



How does the cut clip look like.

Cutting out fragments

Cut the clip at the beginning of the unwanted fragment

1. Select the clip you want to cut.

2. Move the position marker to the beginning of the fragment. Use the Previous Frame and Next Frame buttons on the player to catch the moment precisely.

3. Click the Split button. The clip will be cut into two parts, with the unwanted fragment at the beginning of the second clip.

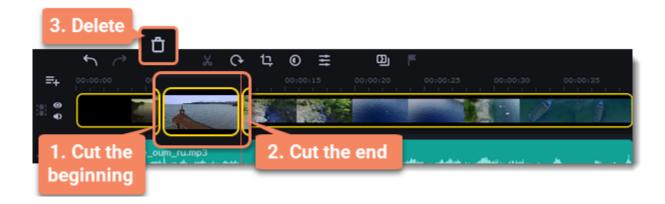
Cut the clip at the end of the fragment

- 1. Select the second clip the you've just cut off.
- 2. Move the position marker to the end of the fragment.
- 3. Click the Split button again. The fragment should now be in a separate clip.

Delete the unwanted fragment

1. Select the clip with the unwanted fragment.

2. Click the trash can button or press the Delete key to remove this clip. The clip will be removed, and the remaining clips on the Timeline will move to close the gap.



Trimming clips

If you only need to cut off some parts at the beginning or at the end of a video or audio clip:

- 1. Place your mouse pointer over the edge of the clip.
- 2. Click and drag the edge towards the center of the clip to trim the clip to the desired length.



For more precise navigation:

• Open the Playback menu and use the Skip Forward by 0.5 Seconds or Skip Backward by 0.5 Seconds commands to jump half a second forward or back.

• Use the keyboard shortcuts to move the position marker half a second back and half a second forward, respectively: Shift+Ctrl+Left and Shift+Ctrl+Right.

• Use the Previous Frame and Next Frame buttons for precise frame-by-frame navigation. You can also use the Ctrl+Left and Ctrl+Right keyboard shortcuts.



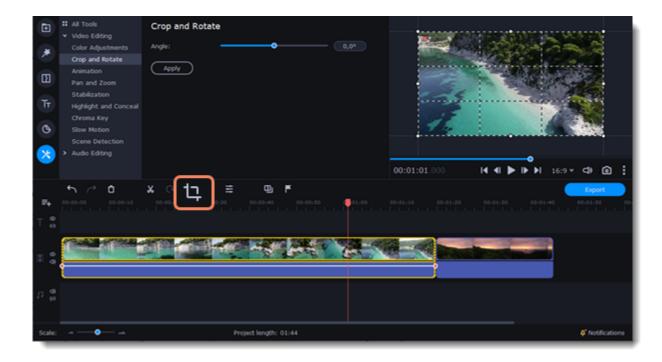
• Use the Previous Clip and Next Clip to switch between the clips in the player. You can also use the Shift+Left and Shift+Right keyboard shortcuts.



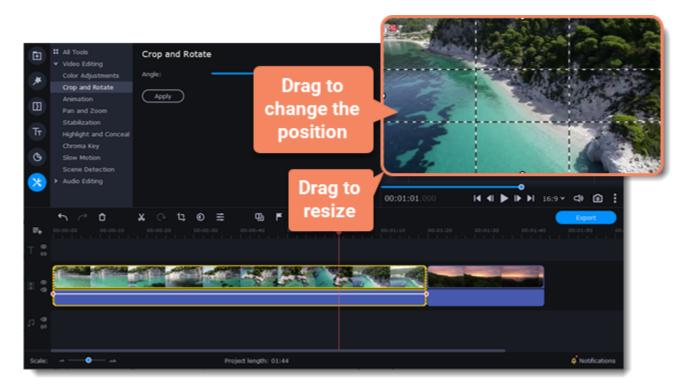
# **Cropping video**

Cropping a video can help you remove black bars, cut away the edges of the video, or permanently zoom in onto an object inside the frame.

- 1. Select the clip on the Timeline.
- 2. Click the **Crop** button on the toolbar to open the Crop tool, and a cropping frame will appear inside the player.



3. In the player, set the frame so that the parts you want to cut are outside it. Drag by the corners of the frame to change its size, and drag by the center of the frame to move it.



Use the Angle slider in the Crop and Rotate section on the left to rotate the crop frame.

× = + e ×	All Tools     Video Editing     Color Adjustment     Animation     Pan and Zoom     Stabilization     Highlight and Con     Chroma Key     Slow Motion     Scene Detection     A dots Editing	0,00
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Scale:	- Project length: 01:44	4' Notifications

4. Click **Apply**. A star **O** icon will appear on the clip once you've applied cropping.

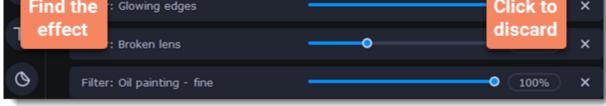
### **Removing crop**

1. Click the star icon on the clip to show the list of applied effects and filters:



2. A tab will open above the toolbar. Find the **Crop** effect and click the **cross** button **a** next to it to discard the effect.

Đ	Clip Pro	operties	
*	General	Applied Effects	
Ē	Crop		×
	1.1		



# **Color adjustments**

#### **Change color settings**

- 1. On the Timeline, select the clip that you want to adjust.
- 2. On the toolbar, click the color adjustments button to open the adjustments tool.

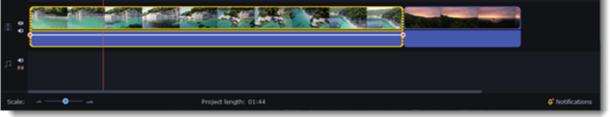


3. Select **Easy** mode to use color presets for quick and simple adjustment. Also you can change the color of the video using color templates. To apply the template drag it to the clip.



Or select **Advanced** mode to set your own settings.

		Color Adjustme	ents		
	# All Tools	Easy Advanced			
*	<ul> <li>Video Editir</li> <li>Color Adjus</li> <li>Crop and R</li> </ul>		X 🕐		
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0	Chroma Key Slow Motio		<b></b>	1,00	
×	Scene Dete > Audio Editir	Highlights	<b></b>	0	
		Gamma	<b></b>	1,00	
₽+	• •	Shadows	•	0	00:01:30 00:01:40 00:01:50 00:
⊤					



If made your own adjustments to the image and want to save them for future use, click **Save Adjustments** and name your preset. The new preset will appear on the **Auto Adjustments** tab.

Color Adjustm	ents	Save Adjustments
Easy Advanced		
White balance	i 🤊	
Brightness	•	-40
Contrast		27
Saturation	<b>——</b> •	1,00
Highlights	•	0
Gamma	•	1,00
Shadows	•	0

Once you have used the adjustments, the clip will be marked with a star icon, denoting applied tools or filters: 🖸



### Video speed

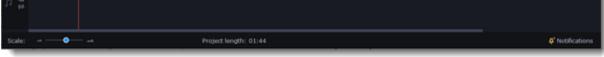
Speed up or slow down a video or audio clip with the Speed slide. This can be useful if you're working on a music video and you want the video to match the tempo of the music.

1. On the Timeline, select the clip you want to edit.

You can also change the speed of any audio clip. If you modify the speed of a video with built-in audio, the audio speed will also be changed.

2. Click the **Clip Properties** button to open the editing tools for the selected clip.

Clip Pro	operties				
General	Applied Effects				
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Normalize					Product P
Speed:	-	)		100%	
Fade in:	•			0,00 sec.	
Fade out:	•			0,00 sec.	esta and
Reverse:					
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0 0					



3. Drag the **Speed** slider to set the necessary video speed.

Clip Properties		
General Applied Eff	ects	
Volume:	<b>—</b> •	100%
Normalize:		
Speed:	<b>-</b>	100%
Fade in:	•	0,00 sec.
Fade out:	•	0,00 sec.
Reverse:		

The clip's length on the Timeline will change to reflect the new speed. If you've changed video speed, the video clips will be marked with a star icon:



# **Reversing video**

Reversing the video will play the clip and its audio backwards. You can combine reversing the video with increasing <u>speed</u> and the VHS <u>filter</u> to create a cool rewinding effect.

- 1. On the Timeline, select the clip that you want to reverse. You can reverse both video and audio clips.
- 2. On the toolbar, click the **Clip Properties** button to open the properties for the selected clip.

C	lip Pro	pert	ies									
G	eneral	Appli	ied Eff	ects								
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Scale:	- <b>•</b>				Project len	gth: 01:44				_	¢	Notifications



When you apply reverse, the clip will appear with a reverse icon on top of it:



# **Image duration**

You can change how long each image appears in your video or slideshow either using the clip properties or you can set all images to the same length.

### Changing one image's length

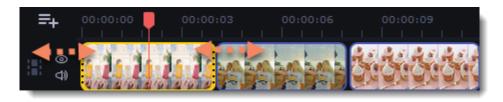
- 1. On the Timeline, select the image clip that you want to edit.
- 2. Click the **Clip Properties** button to open the properties for the selected clip.

	General	Applied Effects	3
×	Fade in:	• 0,00 sec.	
Тт	Fade out:	• 0,00 sec.	
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3. In the **Duration** box, enter the new length of the image. Use the following format: *hours: minutes:seconds.milliseconds*. Changes will be applied instantly.

General	Applied Effects
Fade in:	• 0,00 sec.
Fade out:	• 0,00 sec.
Duration:	00:00:04.000

You can also change image duration by selecting an image clip on the Timeline and dragging its borders left or right. The longer the clip appears on the Timeline, the longer it will play in your movie or slideshow.



### Setting the same length for all images

To set all of the project's images to the same length:

1. Click the Transition Wizard button on the toolbar.

2. In the Transition Wizard window, enter the preferred length into the **Image slide duration** box. If you don't want to use transitions to join your clips, select **No transitions** in the box at the top.

3. Click **OK** to set all the images to the selected length.



# Fading video

In the editing tools, you can add smooth fades to the beginning or the end of a clip. For videos and images, you can use fading simultaneously with animated transitions. For audio clips, you can create a smooth crossfade effect between songs.

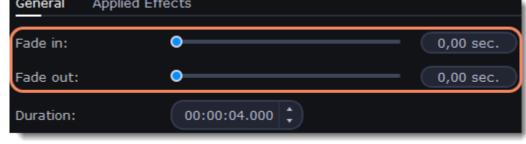
- 1. On the Timeline, select the clip that you want to fade.
- 2. Click the **Clip Properties** button on the toolbar. The clip properties will open in the Tools panel above.

Clip Pro	operties					
General	Applied B	ffects				
Volum			•		100%	) Profile (19
Speed:					100%	
Fade in:		•			0,00 sec.	
Fade out:		•			0,00 sec.	Contraction of the
Reverse:						
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: :			A A	65		
n 👹						
Scale:•		Pr	oject length: 01:44			<b>¢</b> <sup>*</sup> Notifications

3. Set the fade length using the sliders on the Video tab.

**Fade in** – how long in seconds it will take to fade in to full opacity at the beginning of the clip. **Fade out** – how long in seconds it will take to fade out from full opacity at the end of the clip.

Conoral Applied Effects



See also: Adding transitions Fading audio

# **Creating overlays**

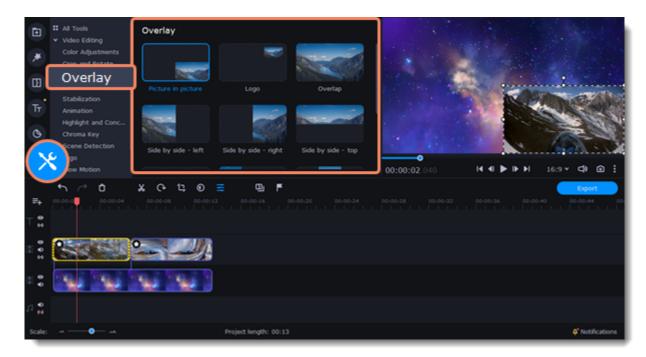
Overlays are video or image clips that are shown over the main video. You can use these to create a split screen or picture in picture effect, add a logo or watermark, create a Chroma Key effect, or insert a short clip without cutting the main video.

1. Add files to the project: a background video and a foreground video or a photo.

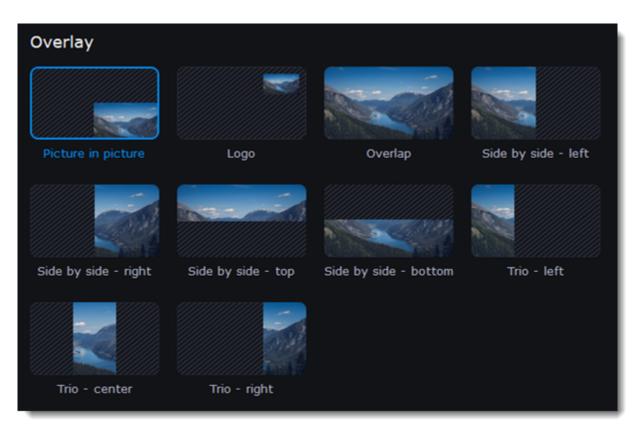
2. Select a clip which should go on the overlay track and drag it above the main video track.



3. Place the clip on the overlay track at the right time on the needed position. You will see a line connecting the clip on the overlay track to the clip on the video track. When you move, cut, or delete a clip on the video track, the overlay clip will be affected as well. When you move the clip on the overlay track, an editing panel will open. If you switch to a different tool, you can go back to this panel by clicking **More Tools** – **Video Editing** – **Overlay**.



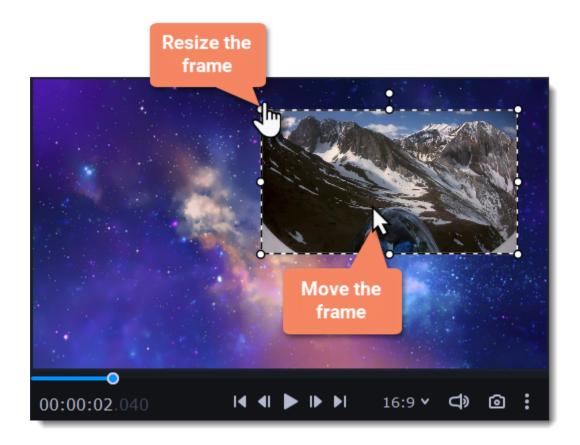
4. On the tool panel select overlay mode: **Picture in picture**, **Logo**, **Overlap**, **Side by side** or **Trio**.



### Picture in picture mode

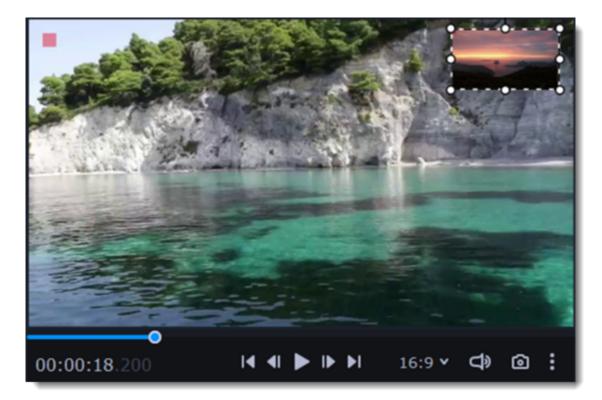
This is the default overlay mode. Using picture in picture mode, you can place the overlay video over any part of the screen.

- 1. Choose Picture in picture mode.
- 2. In the player, move the overlay clip to where you want it to appear in the frame.
- 3. To resize the overlay, drag at its corners. Clip's aspect ration will remain the same.



### Logo mode

- 1. Select **Logo** mode to place the overlay clip at the upper right corner and use it as a logotype.
- 2. Drag and move the logo to any part of the frame.



#### Side by side mode

This mode splits the frame into two parts.

- 1. Select a clip on the overlay track and then choose a side by side mode.
- 2. Hover the cursor over the selected clip in the player. Move the image in the frame, and zoom in or out on it with the scroll wheel.



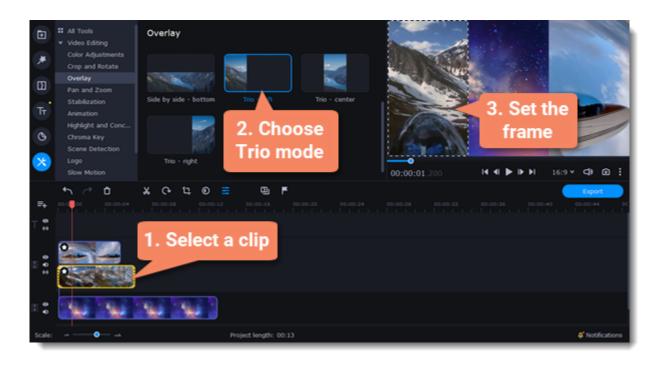
#### Trio mode

With this mode you can have up to 3 videos in a single frame.

1. Select a clip on the overlay track and then choose a side by side mode.

2. Hover the cursor over the selected clip in the player. Move the image in the frame, and zoom in or out on it with the scroll wheel.

3. To add another video and get three in a single frame, add one more clip to the overlay track and repeat steps 1 and 2 for it.



#### **Overlap mode**

In Overlap mode, the video on the overlay track will cover the main video completely. You can use this mode to avoid cutting the main video, and showing another clip instead, or to create a Chroma key effect.



#### Learn more: How to change background (Chroma key)

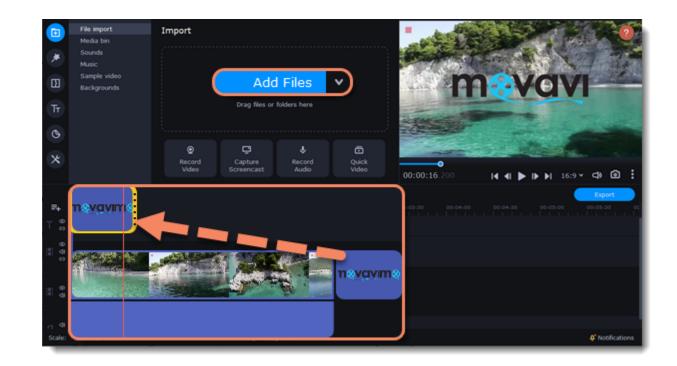
# Adding a watermark

Adding a watermark to your videos will protect your ownership even if it's shared all over the Internet. You can add an image overlay with your own watermark or logo, or make a new one using text.

#### Image watermark

1. On the **Import** tab, click **Add Files** and add the image or video that you want to use as the watermark. For the best look, use images with transparent areas.

2. Drag the watermark clip up to the overlay track to make it appear on top of other videos.



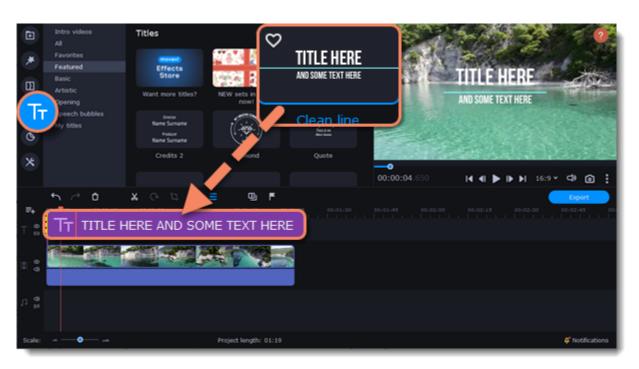
- 3. Double-click the watermark clip to edit the overlay, which you can move and resize in the player.
- 4. To change the opacity or duration of the watermark, click the **Clip Properties** button.

5. To set the opacity use **Opacity** slide in the properties. To make the watermark show over the whole length of the video, enter your project length into the **Duration** box, or drag the right edge of the overlay clip until the end of the video track.

	Clip Proper	rties		
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E	Opacity:		0 100%	
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0 0 0 0 0 0	n yoyan	4		
ri di Scale:		Project length: 01:40		<b>Q</b> <sup>*</sup> Notifications

#### **Text watermark**

- 1. Click the **Titles** button on the left and pick a nice title style for your watermark.
- 2. Drag the titles you like onto the beginning of the Titles track at the top of the Timeline.

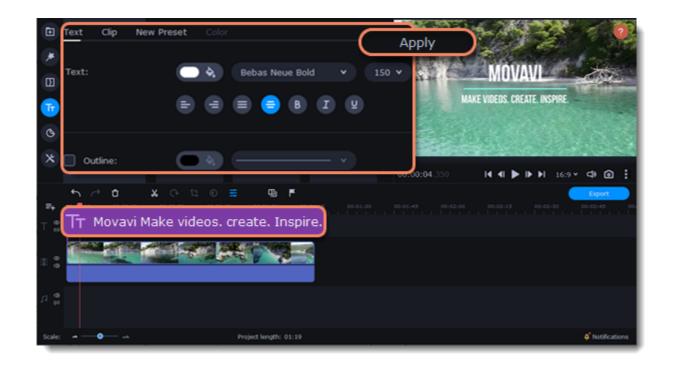


3. Double-click the titles and enter your watermark text. Pick a cool font and color on the panel above the player. Click **Apply** when you're done.

4. To make the watermark show over the whole length of the video, drag the right edge of the text clip until the end of the video track.

If your movie is long, zoom out on the Timeline to make changing clip length easier.

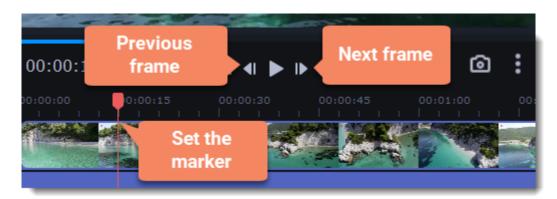
**OR:** Double-click the text clip to enter text editing mode and enter the length into the **Duration** field. You can find the length of your whole project at the bottom of the window.



### Creating a freeze frame

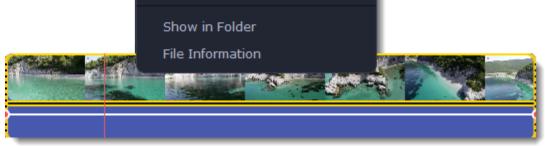
A freeze frame is a single frame of a video that repeats for some time, creating an illusion of pausing the video. You can use freeze frames to emphasize a moment or create a pause to explain things to the viewer.

1. Move the position marker over the frame of the video that you want to freeze. To skip by precisely one frame at a time, use the **Previous** frame and **Next frame** buttons under the player.



2. Once you're on the right frame, open the **Edit** menu or right-click on the clip and choose **Insert Freeze Frame** from the menu.

Play / Pa	ause		
Hide Clip	)		
Tools			>
Split		Ctrl+B	
Add Marl	ker	Ctrl+M	
Insert Fr	reeze Frame	Ctrl+E	
Detect S	cenes		
Detect S Detach A			
		Ctrl+C	
Detach A		Ctrl+C Ctrl+X	
Detach A Copy			



3. By default, a new freeze frame is four seconds long. To change the duration, drag the edges of the clip to make the clip shorter or longer. Learn about changing image duration



# **Removing black bars**

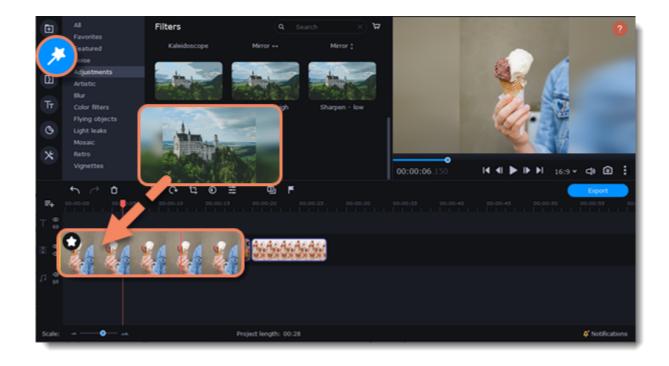
Sometimes, when you use videos of different aspect ratios, or if the project is set up incorrectly, some videos may have black bars around them. You can remove black bars from videos using one of the ways below.



#### **Use filter**

- 1. On the Timeline, select the clip with black bars around it.
- 2. Click the Filters button on the left sidebar to open the Filters tab.
- 3. Find the Vertical fill filter in the Adjustments group and drag it onto the clip.

#### Learn more about filters



#### **Manual crop**

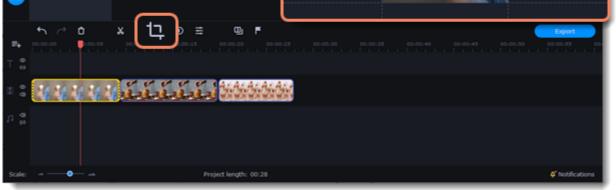
If black bars appear only on one or several clips, you can cut off the edges to make the video fit better inside the frame.

- 1. On the Timeline, select the clip with black bars around it.
- 2. On the toolbar, click the Crop button.

3. A frame will appear in the player. Set this frame on the part of the video that you want to keep. Parts that are outside the frame will be cut off.

4. In the Tools tab on the left, click **Apply** to accept the changes. Learn more about crop

۲	All Tools     Video Editing	Crop and Rotate	
*	Color Adjustments Crop and Rotate	Angle:	
Ð	Animation Pan and Zoom	Apply	 -
Тт	Stabilization Highlight and Conceal		
0	Chroma Key Slow Motion		1
×	Scene Detection Audio Editing		

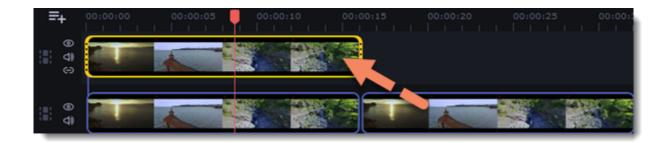


# **Fading effects**

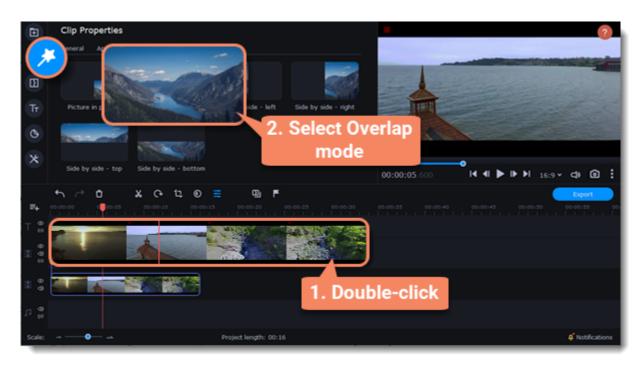
Make effects and filters fade in using the overlay track.

1. Copy the clip and paste it onto the Timeline.

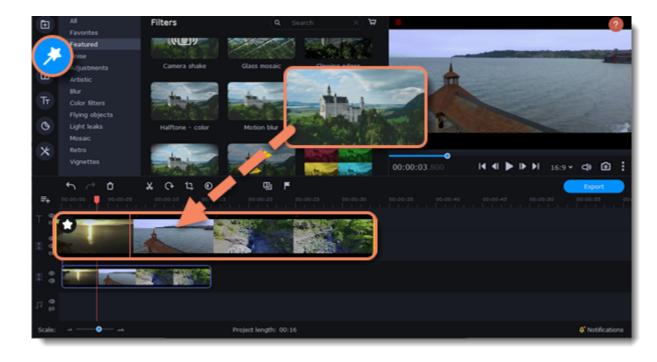
2. Drag the copy of the clip on the track right above the original. Now you have two identical clips right on top of each other.



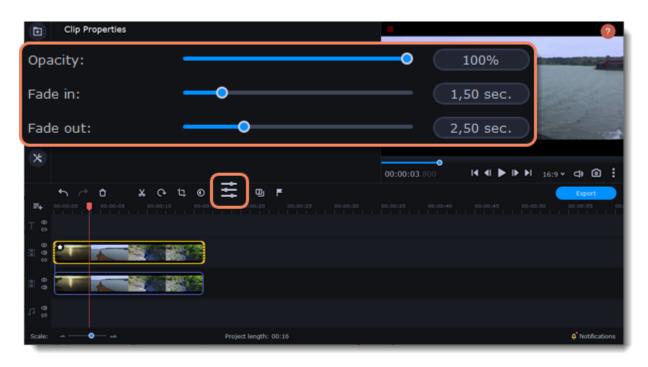
3. Double-click the clip on the overlay track and choose **Overlap** mode in the panel above the player.



4. Apply the effects or filters you want to use onto the upper, visible clip. Learn more: <u>Applying filters</u>



5. With the overlay clip selected, click the **Clip Properties** button and select **General** settings. There, use the **Fade in** and **Fade out** sliders to set the fading time. Here you can also set **Opacity** if you want to reduce the effect's strength for the whole clip.

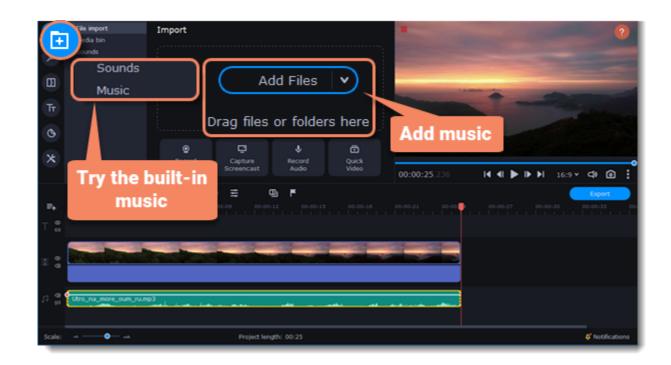


The clip with the effect will gradually appear and disappear, exposing the underlying original clip.

# Adding and editing audio

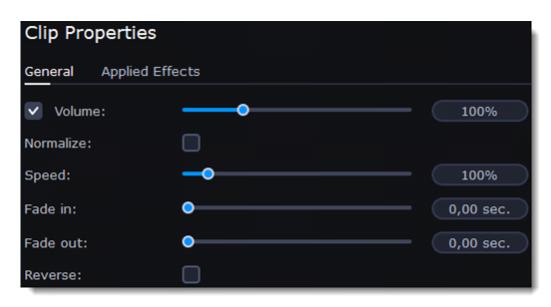
### Add an audio

- 1. To add music or other sounds to your project, open the Import tab.
- 2. Select File import category.
- 3. Click Add Files or just drag your files on the panel.
- Also you can use one of the built-in music or sound tracks:
- 1. Click the Music or Sound category and take your pick from our royalty-free music collection.
- 2. Drag the tracks you liked on the Timeline.



#### Edit an audio

To edit the audio file, double-click the audio track, the settings panel will appear.

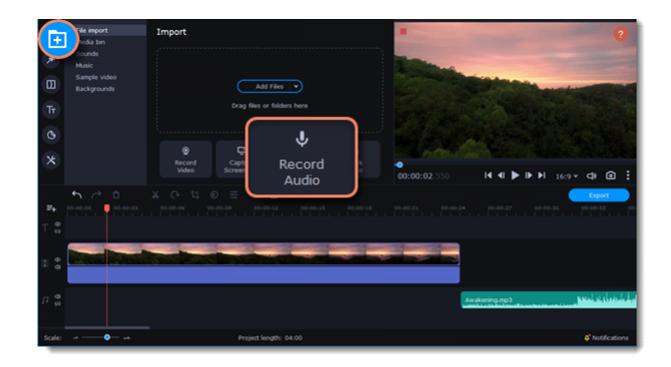


Volume	Sets the volume of the clip.	
Normalize	Makes quiet parts louder.	
Speed	Makes the audio play faster or slower.	
Fade in	The audio goes from complete silence to full volume in the time you set.	
Fade out	The audio goes from full volume to complete silence in the time you set.	
Reverse	Plays the audio backwards.	

# **Recording audio**

### How to record an audio

- 1. Connect a microphone to your computer.
- 2. On the Timeline, place the position marker to where you want the recording to start.
- 3. Click the microphone button on the **Import** panel to open recording options.

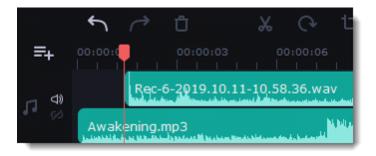


- 4. Set up your recording device and volume.
- 5. Click Start Recording and record the audio.
- 6. When you're finished, click Stop Recording. You'll find the recording on the Timeline.

③ Record audio		Select your microphone	
Audio device:	Микрофон (Realtek High Defin	nition Audio) 🗸 🗸	
Volume:	node	Set up the	
Start Recording		volume	

#### Set start time for audio clips

After you've added the audio files, they will appear on the audio track of the Timeline as green clips. To change when the audio clip starts playing, drag it along the Timeline, using the ruler at the top for time reference.

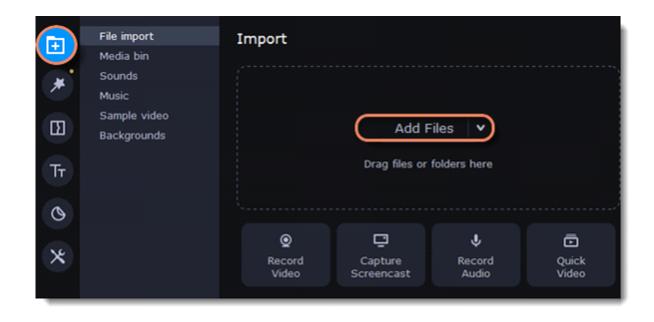


## **Extracting audio from videos**

If you want to use a sound track from a movie, you can extract it from a video file and use it in your project.

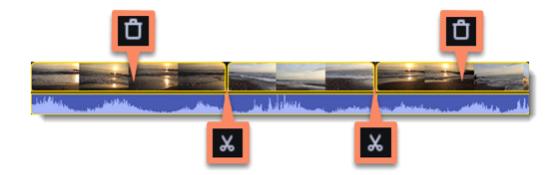
On the Import tab, click Add Files and choose the video or just drag a video on the panel. The file will be added to the video track on the

#### Timeline.

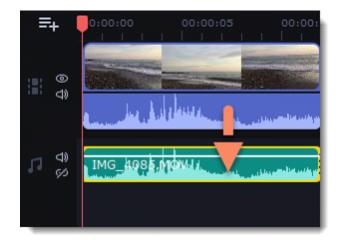


1. Move the position marker to the beginning of the fragment you want to keep and click the Scissors button on the toolbar. This way you will cut off the beginning of the video.

2. Now, move the position marker to the end of the fragment you need. Click the Scissors button again, and the fragment will now be in a separate clip. 3. If you don't need the other fragments, select them on the Timeline and click the trash can button on the toolbar to delete them.



3. The audio that belongs to a video is shown right underneath it on the video track. To separate it from the video, drag the audio stripe down onto the audio track. If you don't need the video clip anymore, just delete it.



You can now work with the extracted audio clip separately.

 $\swarrow$  If you want to save the audio clip for later use, you can export it as an audio file:

- 1. Click the **Export** button at the top of the program.
- 2. In the Export window, switch to the Save Audio File tab.
- 3. Select an audio format.

4. In the Save to field you will see where on the disk the file will be saved by default. To change that folder, click Browse and select a new folder.

	MP3 WAV	Save Video to	the Computer	
	AAC FLAC	Title:	New Project	
	ogg WMA	Save to:	Users\ I\Videos\Movavi Library	Browse
		Audio quality: Duration:	320 Kbps 44100 Hz Stereo 00:12	
Ţ		File size:	469 KB	
<		Advanced	Start	Cancel

# Looping audio

If the music file is shorter than your video, you can loop the audio and have the file play over again until the end of the video.

1. To copy the audio clip, right-click the audio clip on the Timeline, and choose **Copy** from the pop-up menu.

2. Paste the audio clip onto the Timeline right next to the first clip. The clip will be inserted right after the position marker. Repeat until the audio length is greater or equal to the video length.

3. Now, the audio track may be longer than the video track. To trim the audio, hold your mouse pointer over the right edge of the clip, and drag it to the left.

## **Volume curves**

Volume curves allow to control the volume for each part of the clip and smoothly increase or decrease the volume.



Each clip has its own volume curve that starts out at 100% volume for the entire clip, and two points at its beginning and at the end. The white line on the image below is the volume curve before you add any points.

City.mp3

#### Set the volume level

1. Drag the white line up or down to the necessary level. The top of the clip is 100% volume and the middle of the clip is 50%.

City.mp3

2. Points on the audio curve represent the volume peaks and lows. To add a point, right-click on the audio curve and choose **Add Volume Point** from the pop-up menu.

3. Drag the audio point to the necessary volume level. You'll notice that the surrounding parts also move with the point to make the transition smoother.

4. Make as many points as you need for each part of the clip where you'd like a peak or a drop in volume.

5. To set the volume level for a part of the clip, you'll need at least two points. Create a point at the beginning and at the end of the fragment:



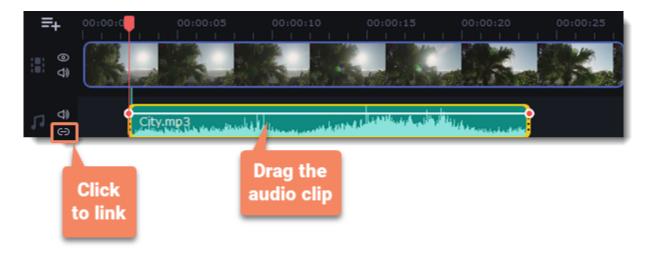
6. Create as many volume points as you wish to make a necessary effect.

### Linking audio

To make audio clips to stay in sync with videos or images as you edit your project, link it to each other.

#### To link an audio

- 1. Select an audio clip on the audio track at the bottom of the Timeline.
- 2. Drag the track under the video clip you want it to link to.
- 3. On the left side of the Timeline click the Link button to create the connection between audio and video clips.



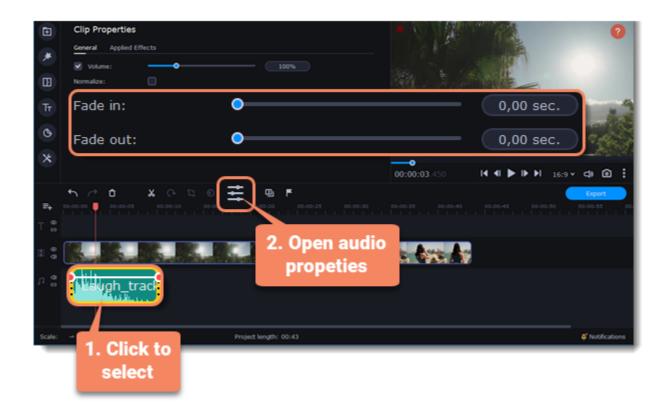
# Fading audio

In the editing tools, you can add smooth fades to the beginning or the end of a clip and create a crossfade effect between audio tracks.

**Fade in** – how long in seconds it will take to go from silence to full volume at the beginning of the clip. **Fade out** – how long in seconds it will take to go from full volume to silence at the end of the clip.

### Set up the fading effect

- 1. Select the clip on the Timeline.
- 2. Click the Audio Properties button on the toolbar.
- 3. Set the fade length using the sliders on the Clip Properties panel.

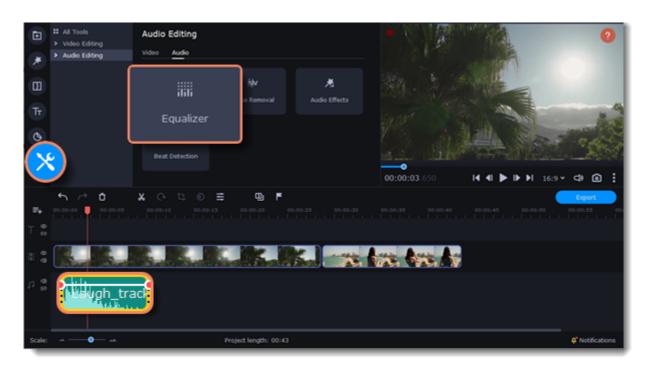


### Equalizer

Using the equalizer, you can boost or reduce the levels of specific frequencies.

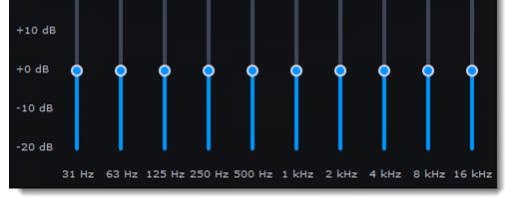
#### Set the equalizer

- 1. Select the audio clip that you want to edit. This can also be a built-in audio clip on the video track.
- 2. Click **More** on the left sidebar and find **Audio Editing** to open **Equalizer**.



3. Choose an equalizer preset to set the effect quickly. If you want to set more advanced configuration drag the volume bars to adjust the frequencies to the necessary level.

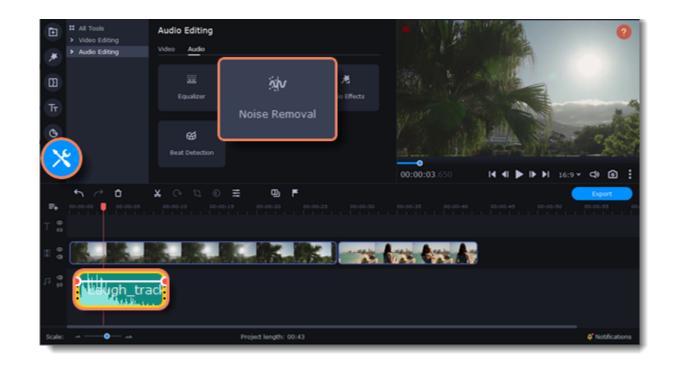
Equalizer			
Preset:	Flat	•	
+20 dB			



4. To save your own equalizer presets for their further use, click the **Save** button. In the new window enter a preset name and click **OK**. The created preset will appear in the presets list.

### Noise removal

Select the audio clip that you want to edit. This can also be a built-in audio clip on the video track.
 Click More on the left sidebar and find Audio Editing to open Noise Removal.



3. Use the **Noise suppression** slider to set the amount of noise you want to remove.

Z Don't set the noise suppression too high if there isn't much noise because it can start muting other sounds.

Noise Removal	
Move the slider to the right to remove more noise. High levels may cause distortions.	
Noise suppression: 50%	
Apply	

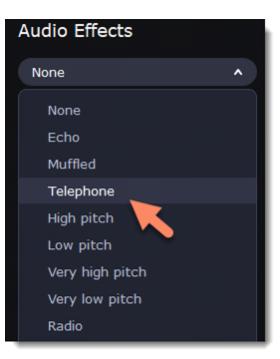
# **Audio effects**

Audio effects can transform the sound of an audio clip.

- 1. Select the audio clip that you want to edit. This can also be a built-in audio clip on the video track.
- 2. Click More on the left sidebar and find Audio Editing to open Audio Effects.



3. Click the box in the **Audio Effects** section and choose an audio effect you like.

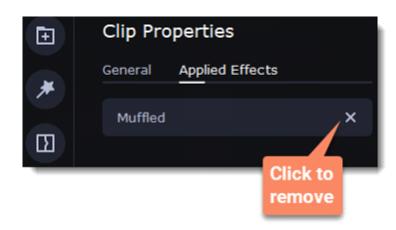


### **Removing effects**

When you've applied an audio effect to a clip, a star icon will appear on it:



Click on the star to see a list of applied effects. Then, select the effect you don't want and click the **cross** button 🛛 to discard the effect.



## **Beat detection**

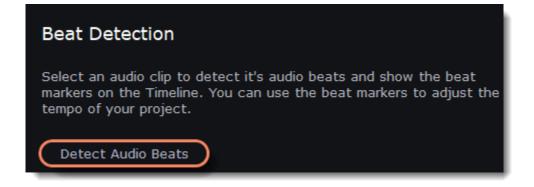
To make your video more dynamic, use the **Beat Detection** audio tool to automatically mark audio beats on the Timeline and then adjust your video to the beat of the music.

- 1. On the Timeline, select the music that you want to detect beats for.
- 2. Click More on the left sidebar and find Audio Editing to open Beat Detection.

All Tools     Video Editing	Audio Editing		•
* Audio Editing	Video Audio		- Internet
8	iiii Śłw Equalizer Noise Removal	光 Audio Effects	
Тт			and the second second
×	ଖ		
	Beat Detection		



3. In the Beat Detection tool, click **Detect Audio Beats**. The program will analyze the music and place beat markers on the Timeline.



After the beat markers have been placed, you can modify their tempo. Use the **Min time between beat markers** slider to make the beat slower or faster.

Beat Detection		
Min. time between beat markers:	<b></b>	2,00 sec.

4. Adjust your clips to the beat. When you trim or drag clips, they will now snap to the beat markers, making it easy to keep to the beat.

#### **Removing beat markers**

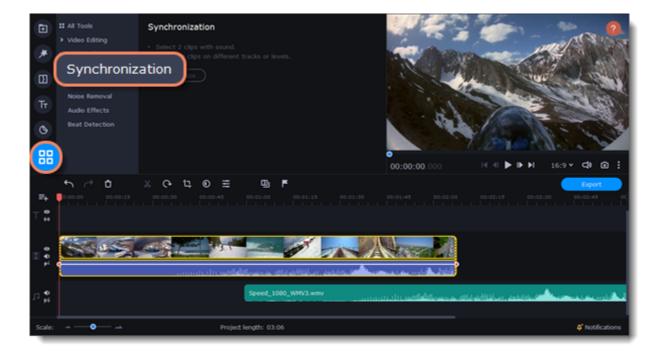
1. To remove beat markers for a specific audio clip, right-click the clip on the Timeline and select Remove Beats from the pop-up menu.

2. To remove all beat markers from your project, right-click the Timeline ruler and select Remove All Beats from the pop-up menu.

## **Synchronization**

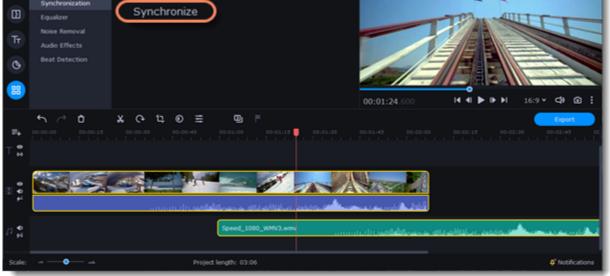
Sync audio in two clips automatically.

1. Click More on the left sidebar and find Audio Editing to open Synchronization.



- 2. Select two clips with the audio tracks. Clips must be on different tracks!
- 3. Click **Synchronization**.

All Tools	Synchronization		0
<ul> <li>&gt; Video Editing</li> <li>// Audio Editing</li> </ul>	Select 2 clips with sound.     Place the clips on different tracks or levels.		



When syncing, the clips move to the right relative to the later clip on the Timeline.

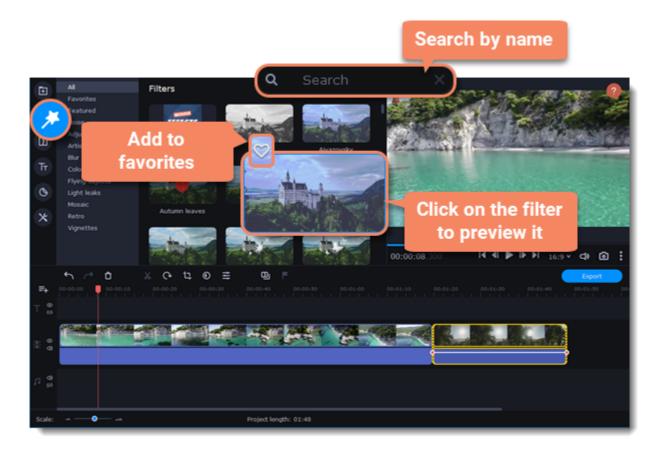


## **Filters**

#### **Add filters**

1. Click the **Filters** button.

2. Choose **All** to see every filter in the collection or choose the specific category you need. To see the filter's preview in the player, click on it. To find a specific filter, enter its name into the search box above the filters. Click the heart icon to add the filter you liked to the Favorites group.



3. To add a filter, drag it onto the clip you want to apply the filter to.

You can apply a filter to several clips at once. Hold the Ctrl key, select the clips on the Timeline and drag a filter onto any of the selected clips. The filter will be applied to all the clips you've selected.



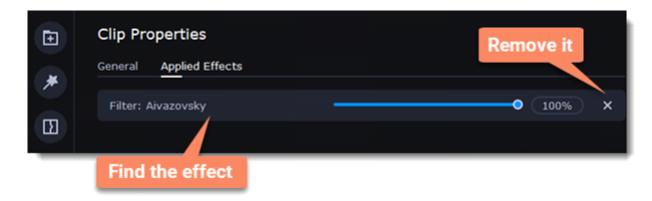
Once you've applied a filter, a star icon will appear on the clip, indicating applied filters and tools.



#### Clip with an applied filter

#### **Remove filters**

- 1. To see the list of applied filters and tools, click on the star 🖬 icon on the clip.
- 2. In the list, find the filter that you want to remove.
- 3. Click the **cross** button **K** to discard the effect.



## **Transitions**

Transitions are short animations that use geometric shapes and transparency to connect two clips.

#### Add a transition

- 1. Click the **Transitions** button on the left sidebar to open the list of all transitions. Click on a transition to preview it in the player.
- 2. Pick a style you like and drop it between two clips on the Timeline. Click the heart icon 🖾 to add it to your favorites list if you like it.



A transition icon will appear between the two clips.

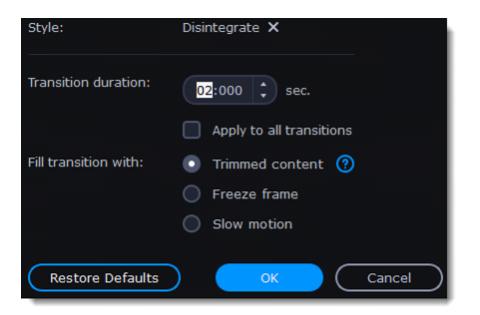






### **Change transition length**

- 1. Double-click a transition on the Timeline to open transition properties.
- 2. Enter the new transition length in the **Duration** field. By default, each transition will be set at 2 seconds long. The format is *seconds:milliseconds*. If you want all transitions that are currently in the project to have the same length, select the **Apply to all transitions** option.
- 3. Click **OK** to apply the changes.



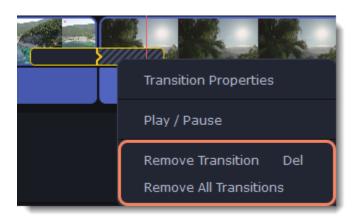
There are more options to fill the transitions with, such as:

Trimmed content	If you've trimmed the video, the trimmed bits will appear during the transition. If the videos haven't been trimmed, a freeze frame is shown.	
Freeze frame	A static frame is shown during the transition.	
Slow motion	The part of the video overlapped by the transition is stretched to fill the entire duration.	

Use this transition style for all clips:	
Use random transitions	~
Transition duration:	02.000
Image slide duration:	04.000
Enable Pan and Zoom eff	ect
ок (	Cancel

#### **Remove a transition**

Right-click the transition on the Timeline and select **Remove Transition** from the pop-up menu.
 If you want to delete all the transitions in your project, choose **Remove All Transitions**.

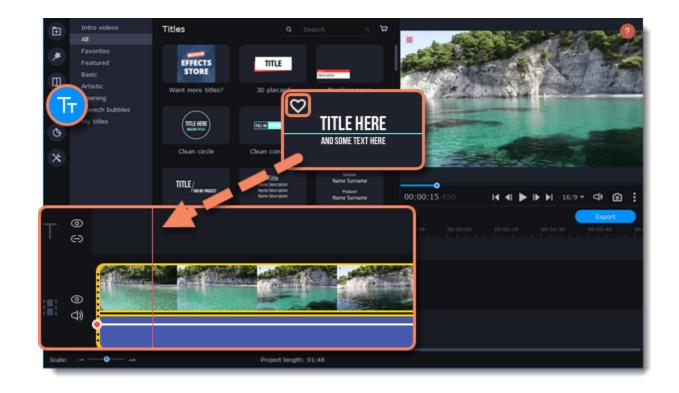


# Titles

### Add text to your video

1. Click the **Titles** button on the left side of the window to view the titles collection.

Click on a title style to preview it in the player and choose the titles you want to use. To add titles to your **favorites**, click the heart icon 
 Pick a title style and drag it onto the title track of the Timeline. Put it right above the video track, onto the time where you want it to appear.



4. You can link titles to the clips by clicking the link icon 🗢 on the left side of the title track, so that the titles will move with the clip.



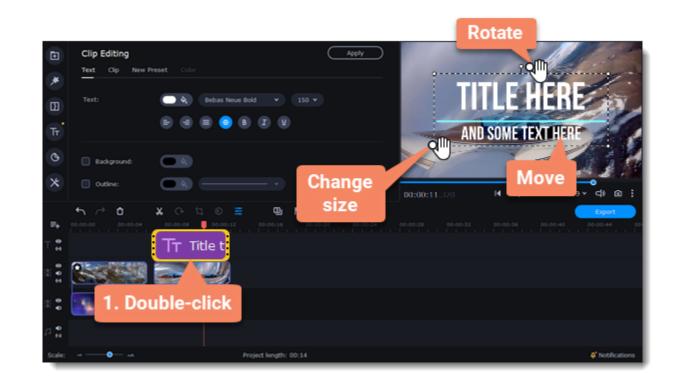
#### **Edit titles**

To change the titles' text and design, double-click the title's clip on the Timeline or in the player. The setting panel will appear.

- On the **Text** tab, edit your text, choose the title style, add the outline and the background by selecting these options.
   On the **Clip** tab, change the duration of the clip and animation speed of a title.
- 3. To change the color of the style and switch to the **Color** tab, select a non-text element of the title in the player.
- 4. On the **New Preset** tab, save the title preset with the adjustments you made to use it in other projects.
- 5. Click **Apply** to save the changes.

Clip Editing	Apply
Text Clip New Pres	set Color
Line < >	TITLE HERE
	Bebas Neue Bold 🔻 150 🗸
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1. To change the position of a title on the screen, double-click a clip on the Timeline. In the player, you will see a frame appear around the object. Drag the corners of the frame to change the size and drag the object itself to move it. To rotate titles, click and drag the top white dot of the frame.

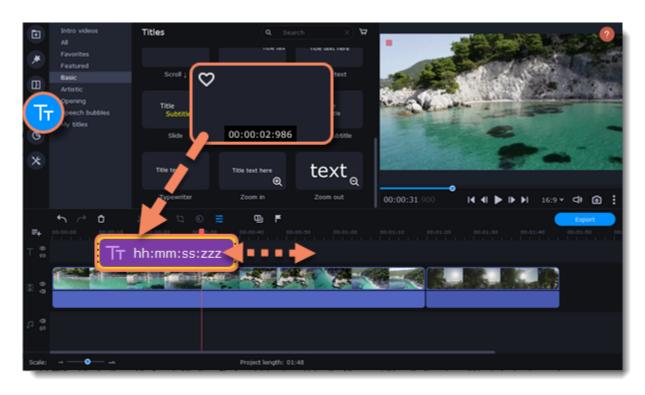


Move several objects at once by selecting them with the mouse cursor or by holding the Ctrl key and clicking the objects with the left mouse button.

### Timer

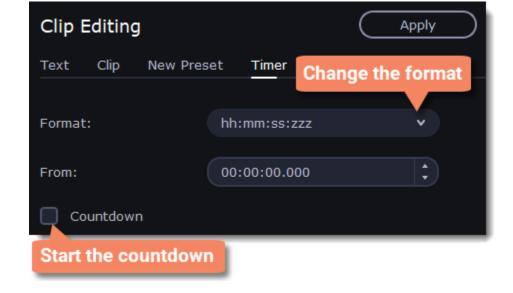
### Add a timer

- 1. Click the **Titles** button on the left sidebar to open the list of available text styles.
- 2. Find the "Timer" title style. Use the search bar or click the Basic group to filter the styles.
- 3. Drag the Timer titles onto the title track of the Timeline. To change the length of the timer, drag the edges of the clip.



#### Edit the timer

- 1. Double-click the timer clip on the Timeline.
- 2. Edit the text formatting on the **Text** tab, if needed.
- 3. Switch to the **Timer** tab.
- 4. Change the time format to the suitable one, for example, ss:zzz.
- 5. In the **From** field, set the starting time. If you select to set a countdown, it will also begin from the time you set in the **From** field.

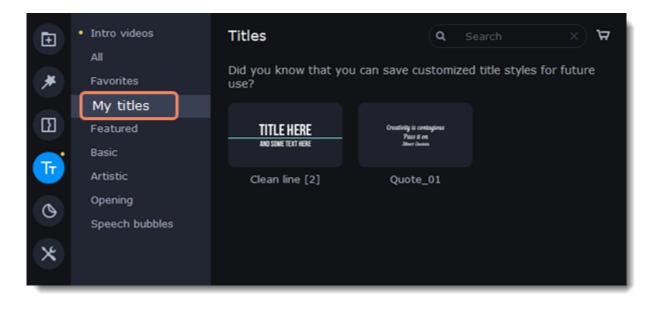


# Saving a preset

After you set up your title style, you can save it and use if in future projects.

- 1. Double-click a title clip and adjust it to your preference. Then switch to the **New Preset** tab.
- 2. Name new preset.
- 3. Click Save.

You can find your titles on **My titles** tab.

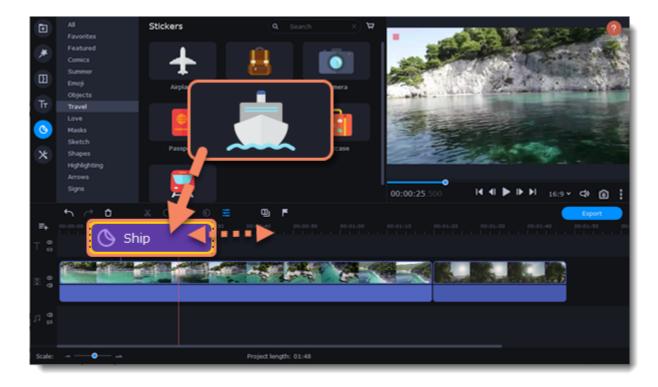


## **Stickers**

#### Add stickers

1. Click the **Stickers** button on the sidebar to open the list of stickers.

Click a sticker to preview it in the player. If you liked a sticker, click the heart icon 2 to add the sticker to your favorites list. 2. Select the sticker and drag it onto the title track of the Timeline. All titles, callouts, and stickers go on the title track. Change the length of the sticker to make it fit the clip.



### **Edit the sticker**

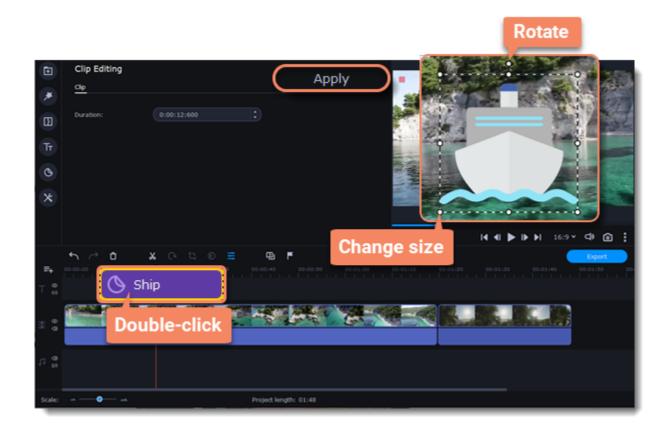
- 1. Double-click to open the sticker settings.
- 2. Select the duration of your sticker.
- 3. Click **Apply** to save the changes.



Œ	chp Landing	
*	Clip	
Σ	Duration: 0:00:12:600	
_		

4. To change the sticker's position on your video, double-click the sticker clip. In the player, drag the corner of the frame around the sticker to change its size, and drag the center of the frame to move the sticker. To rotate the sticker, click and drag the white dot at the top of the frame.

5. Click **Apply** when you're finished.



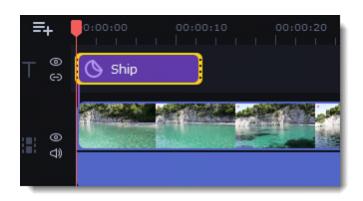
Transitions cannot be applied to stickers, but you can animate them. **Learn more:** <u>Animation</u>

## Animation

You can move objects any way you want and make creative appearances.

#### Add animation

- 1. Add the background onto the main video track.
- 2. Add the object you want to animate.



3. Click More and in the Video Editing choose Animation.



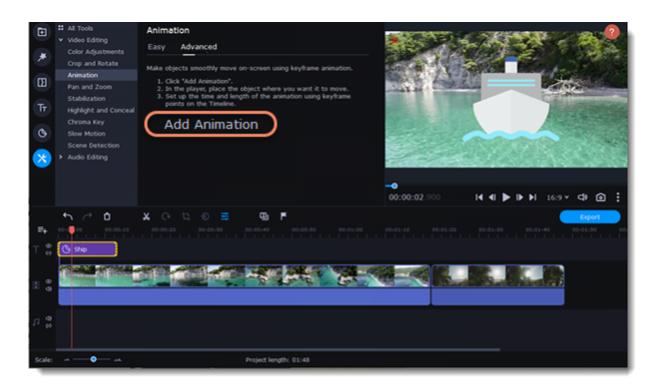
4. Select **Easy** mode to add quick and simple animation. To use the preset, just drag it on the clip.

To create your own unique animation, select **Advanced**mode.

Advanced mode

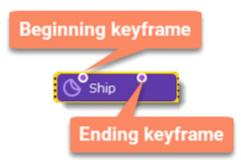
1. Select the clip you want to animate and place the position marker where you want your animation to be started.

#### 2. In the Animation panel, click **Add Animation**.



3. In the player, you will see a frame appear around the object. Use it to set the position of the object.

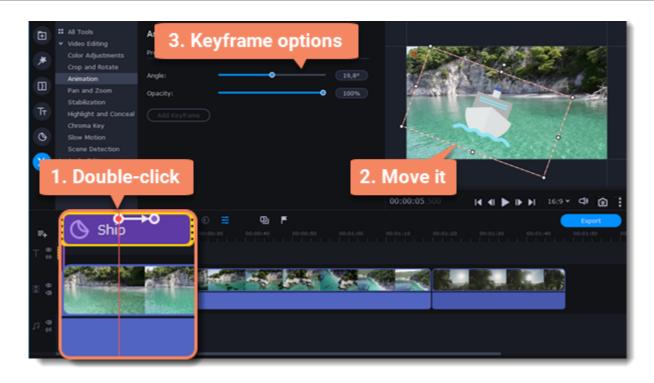
On the Timeline, two points will appear on the clip. They are called *keyframes*. The *first* point is the original position of the object. The *second* point will be its end position after the animation. The *distance* between the two points determines the animation speed.



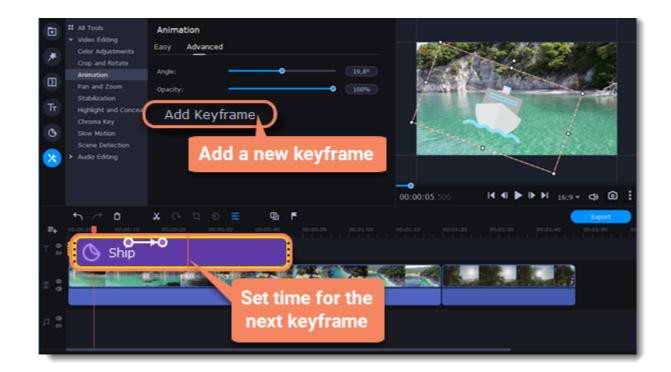
#### Edit the keyframes

On the Timeline, double-click a keyframe to edit it. Adjust the animation:

Move the object on the player	Use the frame of the object
Change the size	Drag the corners of the frame
Rotate the object	Drag the white dot at the top of the frame
Make it spin	Use the <b>Angle</b> box on the Animation panel
Make the object fade in or out	Use the <b>Opacity</b> slider on the Animation panel
Change the speed of your animation	Move the keyframe point on the clip: • Move the points closer together to make the animation go faster. • Move the points farther away from each other to make it go slower.



Yo add another keyframe, move the position marker to where you want to place it in the clip and click Add Keyframe on the Animation panel.



### Reset a keyframe

To make a keyframe go back to its original position, right-click the keyframe point on the clip and select **Reset Keyframe** in the pop-up menu.

#### **Remove keyframes**

- 1. To remove one keyframe, right-click the keyframe point on the clip and select **Remove Keyframe** in the pop-up menu.
- 2. To remove all keyframes and delete the animation, right-click any of the keyframe points and select Remove All Keyframes.

### Pan and zoom

You can control the camera movement using two keyframes and smoothly move from one frame to another.

#### Add the Pan and Zoom tool

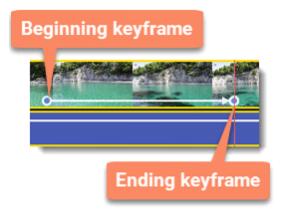
- 1. On the Timeline, select the clip that you want to zoom.
- 2. To open the Pan and Zoom, select More on the left sidebar and find the Pan and Zoom tool in the Video Editing.



3. Select one of the presets and click it to apply.

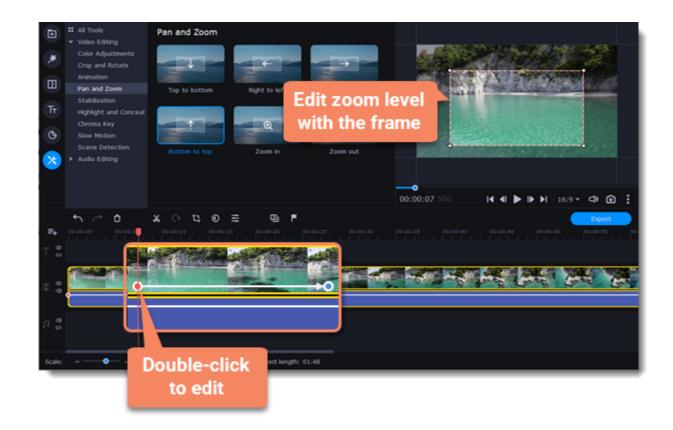


Karrier This will add two keyframes to the clip. The camera will move between these two keyframes and you can set up camera movements from one point to another.



4. To change the beginning keyframe, double-click the first point on the clip. Then, use the frame in the player to set the zoom level for the starting point of the camera movement.

5. To change the ending keyframe, double-click the second point on the clip. Then, use the frame in the player to set the zoom level for the ending point of the camera movement.

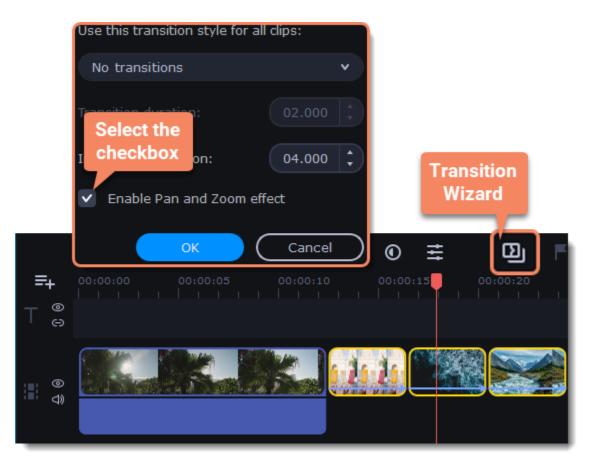


To change the length of the zoom effect, move a keyframe left or right. To move the zooming effect on the clip without changing its length or other settings, move it along the clip.

If you want to add more camera movements, repeat steps 2-4 to combine other camera movements in one clip. For example, you can zoom in on an object, pan across the frame with the same zoom level, and then zoom back out to 100%.

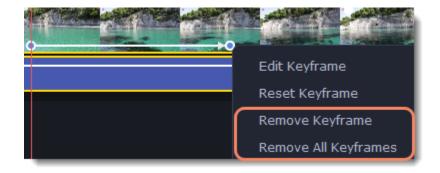
### Add the Pan and Zoom effect to all the image clips automatically

- 1. Select necessary images on the Timeline.
- 2. Click **Transition Wizard** button on the panel above the Timeline.
- 3. Select the Pan and Zoom checkbox.
- 4. Click **OK** to apply the effect to the clips.



#### **Remove zoom**

To remove a pan or zoom effect, right-click a keyframe and select **Remove All Keyframes** to clear all zoom effects from the clip. To remove only the selected keyframe, select **Remove Keyframe**.



# **Stabilizing video**

If you're filming with a handheld camera, it's likely that there might be some unwanted camera shake visible on the video, especially if you walk or move while filming.

### Stabilize a video

1. On the Timeline, select the clip you need to stabilize. To the process shorter, you can cut the video into smaller segments.

2. On the left sidebar, click the **More** button select Stabilization from the pop-up list.

Ð	All Tools     Video Editing	Stabilization
*	Color Adjustments Crop and Rotate Animation	Use the stabilization tool to remove camera shake from the selected
Ð	Pan and Zoom	clip. This may take some time for longer videos.
Tr	Stabilization Highlight and Conceal Chroma Key	Stabilize
0	Slow Motion Scene Detection	
X	Judio Editing	
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1 %		
Scale:		Project length: 01:48

3. Click **Stabilize** to open stabilization options. The Stabilization window will open.

Stabilization			Original	Preview
Use the options below to reduce shaking in the video.	3			?
Accuracy:	• 15 - 5		in set	
Advanced Settings		The Contraction		
Cancel Apply	Stabilize	• 00:00:00.000		¢

#### 4. Set up stabilization with the following parameters:

Accuracy	Affects the analysis precision of the video.	
Shaking	Sets how strongly the shaking is visible on the video.	

To open the **Advanced settings**, click the **Arrow** button and set up stabilization with the following parameters:

Radius	When a video is stabilized, each object is adjusted using the pixels from the surrounding area. The radius affects how large that area will be. Use a smaller value for more dynamic videos to avoid mixing objects together and to preserve more detail.
Smoothing	Limits camera acceleration. Higher values work best for more or less static videos. Excessive smoothing may limit panning.

Edge Cropping	Eliminates distortion artefacts like blurred areas from the video. There are several options such as: • None: the edges will remain as they are. Best results if there is little shaking on the video. • Fixed: the video is cropped to one size to cut off some of the edges.
	<ul> <li>Adaptive: whenever there is a lot of shaking, the video will zoom in so that the distorted edges are not shown.</li> </ul>

5. Click Stabilize to start processing the video. This may take a while depending on the length of your video and the selected parameters.

Stabilization		💽 Original 🔵 Preview
Use the options below to reduce shaking in the vio	deo. 🍞	
Accuracy:	- 13	
Shaking:		
<ul> <li>Advanced Settings</li> </ul>		
Radius:		
Smoothing:	15	
Edge cropping: Fixed		
Cancel Apply	Stabilize	00:00:00.000 41 ► 1Ւ

6. To save the result, click **Apply** and you will replace the clip on the Timeline with the stabilized video.

A stabilized copy of the file will be created under "\My Videos\Movavi Video Editor\Stabilized". This copy will be used in the project. If you delete the stabilized copy, you will lose all the changes made.

If you don't have enough space to save the stabilized copy, you can free some disk space and try again, or save stabilized copies on another disk:

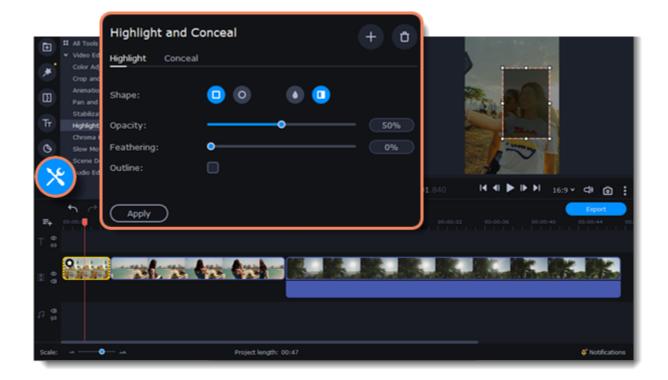
- 1. Open the Settings menu and choose Preferences.
- 2. Switch to the Files tab.
- 3. Find the "Store stabilized videos in" box and click the button 🖤 on the right to choose another folder on a drive.
- 4. Click OK to accept the changes.
- 5. Try stabilizing the video again.

# **Highlight and conceal**

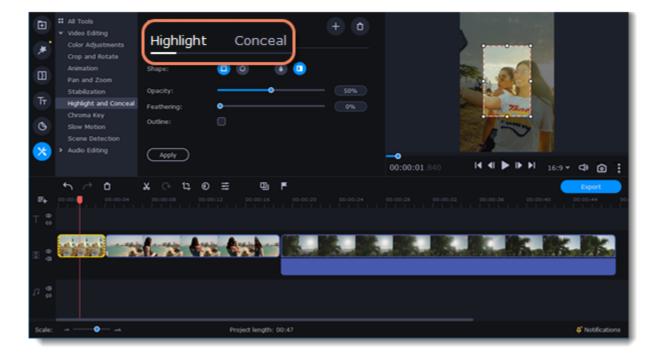
This tool will help you to control the focus in the frame, and blur or darken parts of the video.

#### Apply the Highlight and Conceal tool to the video

- 1. On the Timeline, select the clip that you want to edit.
- 2. To open the Highlight and Conceal, click the More button on the left sidebar, and choose Highlight and Conceal in the Video Editing tab.



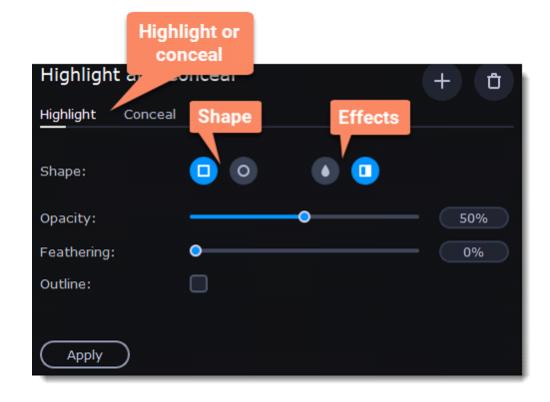
3. Choose **Conceal** if you want to hide an object, and **Highlight** if you want to make an accent on the object.



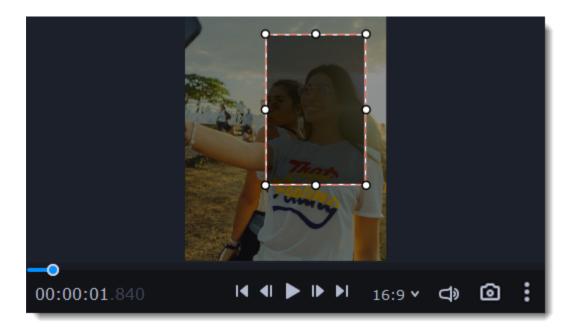
- 4. Choose a shape for the mask: you can use a **rectangular** or an **elliptical** one.
- Choose a masking effect: Blur, Matte (black cover-up) or Pixels. Use the options below to set up the mask: Opacity – makes the mask more transparent (for matte and blur); Feathering – makes the edges of the mask softer (for matte and blur);

Size – changes the size of the pixels (for pixel masks only);

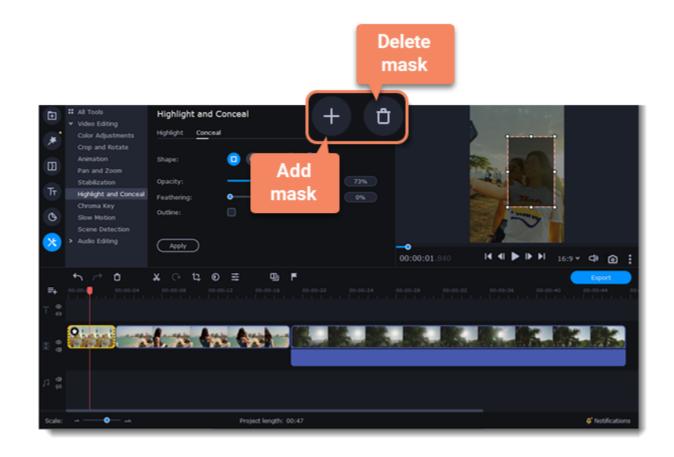
**Outline** – adds a white outline around the mask.



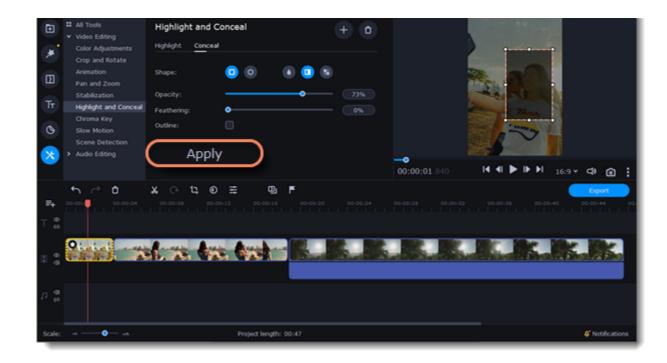
6. To change the size and shape of the mask drag its corners in the player, drag by the center of the mask to move it on top of the object.



If you want to cover up or highlight more than one object, click Add Mask at the top of the setting panel to create another mask.



7. Click **Apply** on the Highlight and Conceal panel to save the changes.

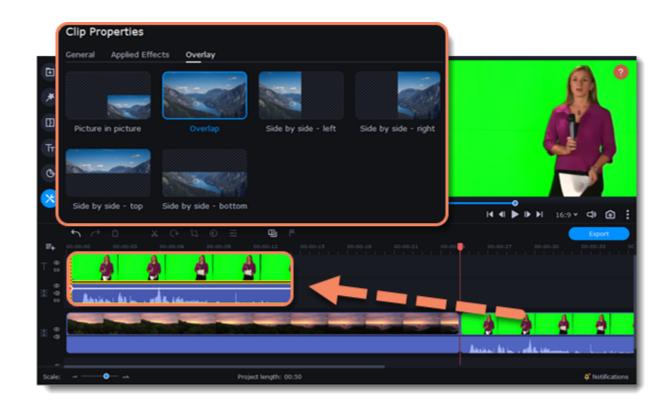


## Chroma key

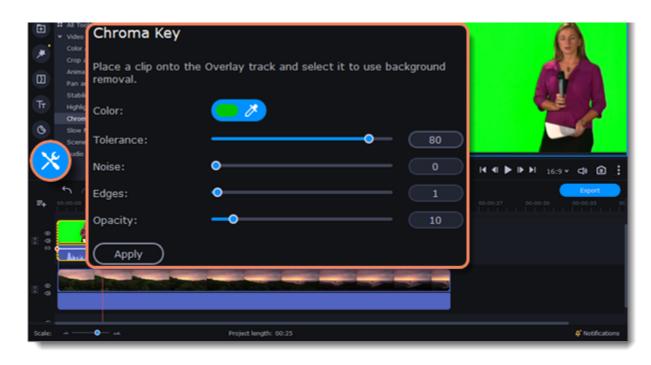
The Chroma key effect allows you to remove any color from the image or video, leaving the background transparent.

#### **Add Chroma Key**

- 1. Add the video or image clips that you want to use as the foreground and the background.
- 2. Select the foreground video and move it up, onto the **Overlay track**.
- 3. Double-click the foreground video to open Clip Properties.
- 4. To make the foreground video completely cover the background video, select the **Overlap** mode.



5. On the left sidebar, click the **More** button and in the **Video Editing** list find Chroma Key.



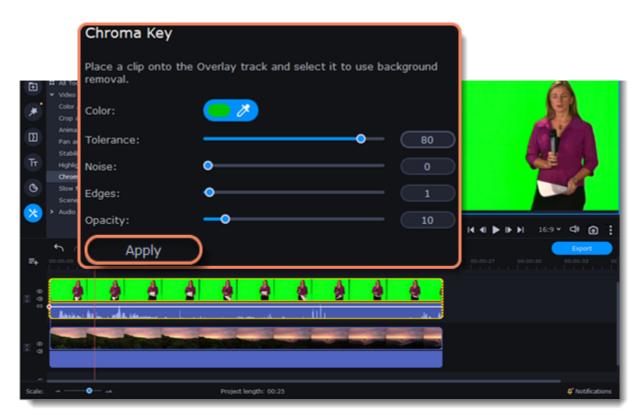
6. Once you open the **Chroma Key** tool, move your mouse cursor over the player and click on the color that you want to remove. The color you've picked will become transparent.

Đ	All Tools     Video Editing	Chroma Key
*	Color Adjustments Crop and Rotate Animation	Color:
Tr	Pan and Zoom Stabilization	Tolerance:
л С	Highlight and Conceal Chroma Key Slow Motion	Noise:
	Scene Detection Audio Editing	Opacity:10
		x (> 12, 0) ∰ 00.00.05 00.00.12 00.00.13 00.00.12 00.00.21 00.00.27 00.00.27 00.00.30 00.00.33 00
	* *	
60	Anien frin	المناف
a 4		
Scale:		Project length: 00:25 Ø Notifications

Use more settings:

Tolerance         Set how many similar shades of the selected color should also be removed.	
Noise	Choose how sharp the object's edges should be.
Edges	Choose how thick the object's edges should be.
Opacity	Set the transparency of the background

#### 7. Finally, click **Apply** to accept the changes.



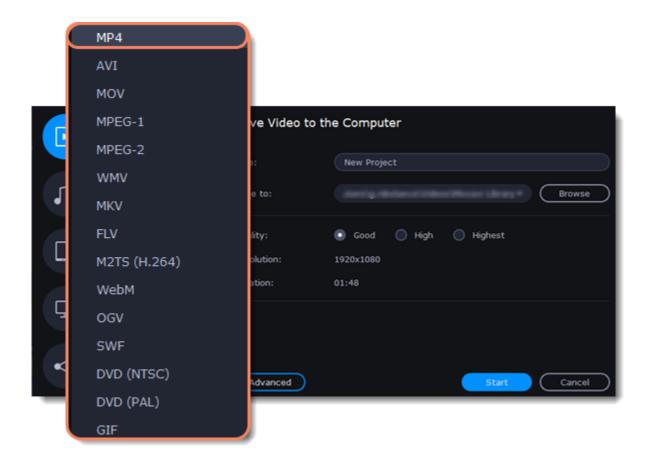
# **Exporting videos**

When you're done with your project, you'll need to export it as a media file to be able to play it on the devices. This section will guide you through the process of exporting your project to a popular video format. If you want to find out more about other ways of saving videos, see the following guides:

Saving videos for devices Uploading videos online

#### **Export a video**

To start saving the video, click the **Export** button under the player. The export settings window will open.
 Choose a format for saving the video in.

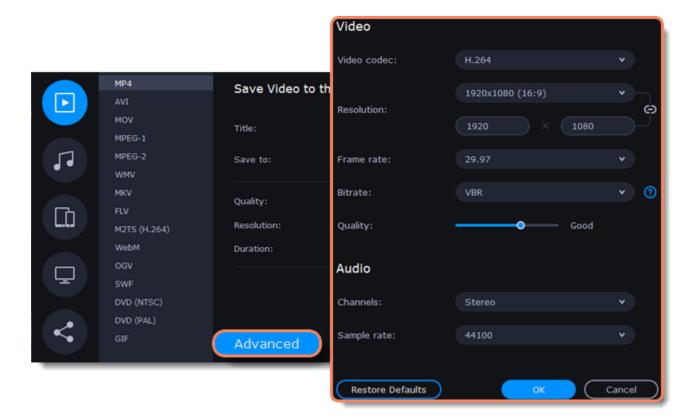


Some formats allow you to choose between video codecs. If you don't know which format to choose, try using **MP4**. The MP4 format is supported by most platforms and operating systems.

At lower resolutions, the file will be significantly smaller, however, the video will lose some quality due to the limitations of digital data compression.

The **GIF** format is different from other formats in the list. It allows saving video as a mute animated image, which can then be played in some image viewing programs or in any web browser.

3. If you want to change the resolution, aspect ratio, or other settings, click the **Advanced** button to view and edit the project settings. To save the changes click **OK**.



	MP4 AVI	Save Video t	o the Computer	
	MOV Ti	tle: (	New Project	
5.	MPEG-1 MPEG-2 Sa WMV	ave to:	C:\	• Browse
	MKV FLV M2TS (H.264) WebM	Quality: Resolution: Duration:	<ul> <li>Good ○ High ○ Highest</li> <li>1920x1080</li> <li>01:48</li> </ul>	
<b>⊡</b>	ogv SWF DVD (NTSC) DVD (PAL) GIF	Advanced	Start	Cancel

In the '**Save to**' field, enter the folder where you would like to store the file. By default, this will be the directory for saving output videos specified in the <u>preferences</u>. To set a different folder, click the **Browse** button and choose the folder in the Windows Explorer window, or enter the path manually into the box. Name your video in the **Title** field: the project's name will be filled in for you by default.

5. Choose the quality of the video.

	MP4	Save Video to the Computer		
	AVI			
	MOV	Title:	New Project	
	MPEG-1			
	MPEG-2	Save to:	Browse	
	WMV			
	MKV Qualit	v:	💽 Good 🔵 High 🔵 Highest	
	FLV Contract			
	M2TS (H.264)	Resolution:	1920x1080	
	WebM	Duration:	01:48	
Ţ	OGV			
Ē	SWF			
	DVD (NTSC)			
<	DVD (PAL)			
	GIF	Advanced	Start Cancel	

If your project is heavy on small details and filters, you can select **High** or **Highest** quality to export the finished video with a higher bitrate. This will increase the output file size but will preserve better quality. For most other projects, **Good** quality will provide a nice result at a small file size.

6. Click the Start button to begin processing the video file. This may take up to a few minutes.

	MP4	Save Video to the Computer				
	AVI MOV MPEG-1 MPEG-2	Title:	New Project			
	MMV MKV FLV M2TS (H.264)	Save to: Quality: Resolution:	C:\ Good High Highes 1920x1080	• Browse		
<b>□</b>	WebM OGV SWF DVD (NTSC) DVD (PAL)	Duration:	01:48			
~	GIF	Advanced	Start	Cancel		

# **Export only audio**

This section will guide you through exporting just the audio track of your project.

#### **Export an audio**

1. Click the **Export** button in the bottom right-hand corner of the Editor to open the export settings window.

	MP4	Save Video to the Com	puter		
					A CONTRACTOR
	MOV MPEG-1	Title: New P	roject		Contraction of the second
	MPEG-2	Save to: C:\		Browse	
••	WMV	Sare to:			and a series of the second

Ω	1	MKV FLV M2TS (H.264) WebM OGV	Quality: Resolution: Duration:	<ul> <li>Good</li> <li>1920x1080</li> <li>01:48</li> </ul>	🔵 High	Highest			
ہ ک	:	SWF DVD (NTSC) DVD (PAL) GIF	Advanced			Start	Cancel	Export	
8 <del>0</del>					<b>A</b> <				
0 0									
Scale:		•	Project k	ingth: 01:48				0 Notifications	

2. Click on the **Save Audio File** tab in the left part of the Export window.

Þ	MP3 WAV	Save Video to the Computer			
	AAC FLAC OGG WMA	Title: Save to:	New Project Browse		
		Audio quality: Duration:	320 Kbps 44100 Hz Stereo 01:48		
Ţ		File size:	4 MB		
<		Advanced	Start Cancel		

3. Select the format you'd like to save the audio in.

	МРЗ	Save Video to the Computer		
►	WAV			
	AAC	Title:	New Project	
	FLAC	Save to:	Browse	
	OGG	Audio quality:	320 Kbps 44100 Hz Stereo	
	WMA	Duration:	01:48	
		File size:	4 MB	
Ţ				
<				
		Advanced	Start Cancel	

While **MP3** is the most commonplace format, supported by almost all media players and devices, FLAC format allows you to preserve high audio quality, albeit taking up considerably more disc space. When choosing an output format, it is important to note the quality of the original files: due to data compression limitations, digital audio cannot be restructured from very low quality files by saving them as **FLAC** audio, and vice versa – high quality files may lose some of that quality when saved to MP3 format which is limited to 320 Kbps.

4. Name your file and choose a destination folder.

In the 'Save to' field, enter the folder where you would like to store the file. By default, this will be the directory for saving output videos specified in the <u>preferences</u>. To set a different folder, click the **Browse** button and choose the folder in the Windows Explorer window, or enter the path manually into the box. Name your video in the **Title** field: the project's name will be filled in for you by default.

5. Click the **Start** button to begin processing the video file.

MP3 WAV	Save Video to the	Computer	
AAC	Title:	New Project	
FLAC			
OGG	Save to:	C:\	Browse
WMA			

F	Audio quality:	320 Kbps 44100 Hz Stereo
LÓ	Duration:	01:48
	File size:	4 MB
Ē		
<	Advanced	Start Cancel

# **Export for devices**

This guide will help you export your video project for playing on mobile phones, tablets, and other devices.

1. Click the **Export** button under the player to open the export settings window.

	MP4 AVI	Save Video to t	he Computer	1 Section
1	MOV MPEG-1 MPEG-2 WMV	Title: Save to:	New Project	
	MKV FLV M2TS (H.264) WebM	Quality: Resolution: Duration:	<ul> <li>Good High</li> <li>Highest</li> <li>1920x1080</li> <li>01:48</li> </ul>	
<b>P</b>	ogv SWF DVD (NTSC) DVD (PAL)			▶N 169Y Φ @ ‡ Export
	GIF	Advanced	Start Cancel	
н 6 1 6				
Scale: →		Project k	ngth: 01:48	¢ Notifications

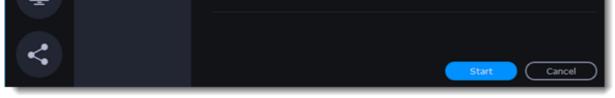
2. In the left part of the Export window click on the **Save for Devices** tab.

	iPhone	Save Video to the Computer				
	iPad / iPad mini Android Galaxy S6 / S7 Nexus 6 / Pixel PlayStation Xbox 360 Other	Title: Save to: Quality: Resolution: Duration: File size:	New Project C:\	• Browse		
~				Start Cancel		

3. Choose a format.

On this tab you will find a number of different types of devices for which you can choose a format. You can choose between devices running iOS (iPhone, iPad, iPad mini) or Android, Samsung Galaxy S6 and Galaxy S7, Google Nexus 6 and Google Pixel, as well as Playstation and Xbox consoles. If your device is not on the list, choose **Other**.

	iPhone				
	iPad / iPad mini	Save Video to the Computer			
	Android	Title:	New Project		
1	Galaxy S6 / S7	Save to:	C:\	• Browse	
	Nexus 6 / Pixel				
	PlayStation	Quality:	💿 Good 🔵 High 🔵 Highest		
	Xbox 360	Resolution:	1920x1080		
	Other	Duration: File size:	01:48 120 MB		



You can select **High** or **Highest** quality to export the finished video with a higher bitrate. This will increase the output file size but will preserve better quality. For most other projects, **Good** quality will provide a nice result at a small file size.

	iPhone iPad / iPad mini	Save Video to the Computer			
	Android Galaxy S6 / S7	Title:	New Project		
••	Nexus 6 / Pixel PlayStation	Save to:	C:\	*	Browse
	Xbox 360 Other	Quality:	Good	🔵 High	🔵 Highest
		Resolution: Duration:	1920x1080 01:48		
Ţ		File size:	120 MB		
~					
				Start	Cancel

4. Name your file and choose a destination folder.

In the 'Save to' field, enter the folder where you would like to store the file. By default, this will be the directory for saving output videos specified in the preferences. To set a different folder, click the Browse button and choose the folder in the Windows Explorer window, or enter the path manually into the box. Name your video in the Title field: the project's name will be filled in for you by default.

5. Click the **Start** button to begin processing the video file. This may take up to a few minutes.

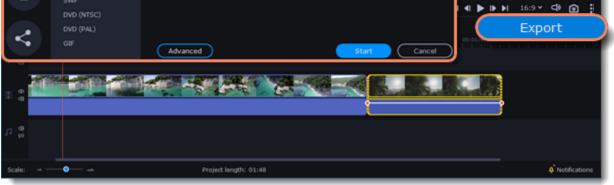
Þ	<b>iPhone</b> iPad / iPad mini	Save Video	Save Video to the Computer		
		itle:	New Project		
	Galaxy S6 / S7 Nexus 6 / Pixel PlayStation	ave to:	C:\	Browse	
	Xbox 360 Other	Quality: Resolution: Duration: File size:	<ul> <li>Good</li> <li>High</li> <li>Highest</li> <li>1920x1080</li> <li>01:48</li> <li>120 MB</li> </ul>		
<			Start	Cancel	

## **Export for TVs**

This guide will help you export your video project for playing on Smart TVs.

1. In the bottom right hand corner of the Editor, click the **Export** button to open the export settings window.

	MP4 AVI	Save Video to t	he Computer	
1	MOV MPEG-1 MPEG-2 WMV	Title: Save to:	New Project C:\ Browse	
	MKV FLV M2TS (H.264) WebM OGV SWE	Quality: Resolution: Duration:	<ul> <li>Good</li> <li>High</li> <li>Highest</li> <li>1920x1080</li> <li>01:48</li> </ul>	



2. In the left part of the Export window click on the **Save for TVs** tab.

	Samsung 1080p	Save Video to the Computer				
	Sony 1080p					
	LG 1080p	Title:	New Project			
	Panasonic 1080p		nen Project			
5	Philips 1080p	Save to:	C:\	• Browse		
	Apple TV					
	Other 1080p TVs	Quality:	Good High Highest			
	Samsung 4K	Quairty:	Sour High Highest			
L.U	Sony 4K	Resolution:	1920x1080			
	LG 4K	Duration:	01:48			
	Panasonic 4K	File size:	120 MB			
	Philips 4K					
	Apple TV 4K					
	Other 4K TVs					
~			Start	Cancel		
			Start	Cancer		

3. Choose your TV brand and the necessary resolution. If your TV is not on the list, choose **Other 1080p TVs** or **Other 4K TVs**.

	Samsung 1080p			
	Sony 1080p			
►	LG 1080p	Save Video to t	he Computer	
	Panasonic 1080p	Title:	New Project	
5	Philips 1080p	Save to:	C:\	• Browse
	Apple TV			
	Other 1080p TVs	Quality:	💽 Good 🔵 High 🔵 High	est
66	Samsung 4K	Resolution:	1920x1080	
<b>D</b>	Sony 4K	Duration: File size:	01:48 120 MB	
	LG 4K			
<	Panasonic 4K			
	Philips 4K			Cancel
	Apple TV 4K			
	Other 4K TVs			

If your project is heavy on small details and filters, you can select **High** or **Highest** quality to export the finished video with a higher bitrate. This will increase the output file size but will preserve better quality. For most other projects, **Good** quality will provide a nice result at a small file size.

Samsung 1080p	Save Video to	the Computer		
Sony 1080p				
LG 1080p	Title:	New Project		
Panasonic 1080p	nue.	New Project		
Philips 1080p	Save to:	C:\	•	Browse
Apple TV				
Other 1080p TVs	Quality:	Good	🔵 High	🔵 Highest
Samsung 4K	(construction)			
Sony 4K	Resolution:	1920x1080		
LG 4K	Duration:	01:48		
Panasonic 4K	File size:	120 MB		
Philips 4K		120 100		
Apple TV 4K				
Others div The				



4. Name your file and choose a destination folder.

In the 'Save to' field, enter the folder where you would like to store the file. By default, this will be the directory for saving output videos specified in the <u>preferences</u>. To set a different folder, click the **Browse** button and choose the folder in the Windows Explorer window, or enter the path manually into the box. Name your video in the **Title** field: the project's name will be filled in for you by default.

5. Click the **Start** button to begin processing the video file. This may take up to a few minutes.

Þ	Samsung 1080p Sony 1080p	Save Video to	the Computer	
	LG 1080p Title	e: (	New Project	
••	Panasonic 1080p Philips 1080p Apple TV	e to:	C:\	• Browse
	Other 1080p TVs Samsung 4K Sony 4K LG 4K Panasonic 4K	Quality: Resolution: Duration:	<ul> <li>Good</li> <li>High</li> <li>Highest</li> <li>1920x1080</li> <li>01:48</li> </ul>	
	Philips 4K	File size:	120 MB	
	Apple TV 4K			
<	Other 4K TVs		Start	Cancel

**Uploading online** After you finish your video, you can share it to YouTube, Vimeo or Google Drive right from the export window.

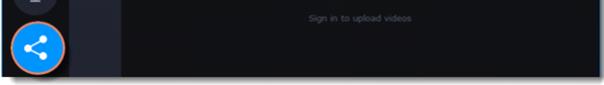
# **Upload online**

1. Click the **Export** button to open the exporting window.

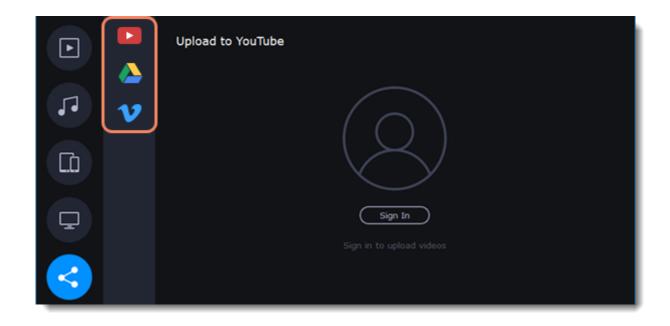
	MP4 AVI	Save Video to th	ne Computer		
	MOV MPEG-1	Title:	New Project		A PAIL OF
••	MPEG-2 WMV	Save to:		• Browse	
B	MKV FLV M2TS (H.264) WebM OGV	Quality: Resolution: Duration:	<ul> <li>Good</li> <li>High</li> <li< th=""><th>) Hghest</th><th></th></li<></ul>	) Hghest	
<b>P</b>	SWF DVD (NTSC) DVD (PAL) GIF	Advanced		Start Cancel	
::		dec a ge			
л <b>8</b>					
Scale:	•	Project le	ngth: 01:48		4 Notifications

2. In the left hand part of the Export window click on the **Upload Online** tab.

Þ		Upload to YouTube
	۵	
••	v	
Ţ		Sign In



3. On the Upload online tab select the service you would like to upload your videos to: YouTube, Vimeo or Google Drive.



4. Click **Sign in**. The authentication page will open in your browser. Sign in to your account and click **Allow** to let Movavi Video Editor Plus upload videos.

Þ		Upload to YouTube
	۵	
	v	
Ţ		Sign In Sign in to upload videos
<		

5. In the Export window, open the **Resolution** list and choose a resolution that suits your project.

		Upload to You	uTube			[→
	۵	Title:	New Project Resolution	: 108	0p	×
••	v	Description:	Created with Movavi Video Editor Plus https://	Category:	Film & Animation	•
<b>L</b> P			www.movavi.com/video- editor-plus/?c=veplus20	Privacy:	Public	•
				Tags:	movavi, movavi vid editor plus	eo
Ţ						
		Save to:	C:\ •	Browse	Uploa	٩

Upload to YouTube

1. Fill in the **title** and **description** for your video.

2. Add some tags to help users find videos by relevant topics. Separate tags with commas and add a number sign (#) before each one.

- 3. Choose a **category** to help viewers find relevant content.
- 4. Open the **Privacy** box and choose who you want to see the video:
- Private videos can only be seen by you and the users you choose.
- Public videos can be seen by and shared with anyone.
- **Unlisted** videos can be seen and shared by anyone with the link.
- 5. Click **Upload** to export your video.



# **Upload to Google Drive**

1. Fill in the **title** for your video.

2. Select a Google Drive folder where you want your video to be uploaded. You can create new folders in your Google Drive storage straight in the export window.

3. Open the **Privacy** box and choose who you want to see the video:

Private - videos can only be seen by you and the users you choose.

**Unlisted** – videos can be seen and shared by anyone with the link.

4. Click **Upload** to export your video.



## **Upload to Vimeo**

1. Fill in the title and description for the video.

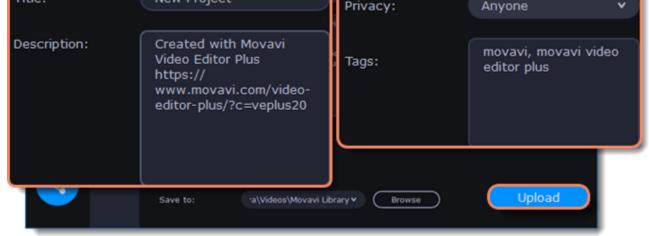
2. Set the level of privacy:

Anyone - any person can watch the video.

**Only people I follow** – only people you're subscribed to can watch the video.

- **Only me** nobody, but you can access the video.
- 3. Select the resolution of the video and add tags.
- 4. Click **Upload** to export your video.

►	Upload to Vimeo	Resolution:	1080p	*
Title	New Project			



### Save and upload the video

Before uploading, the video will be saved as a file on your computer.

1. To change where the video file is stored, click **Browse** and select a folder.

2. Click **Upload** to begin saving and exporting the video.

Þ		Upload to Vim	eo			[→
	۵	Title:	New Project	Resolution:	1080p	•
••	v	Description:	Created with Movavi Video Editor Plus https://	Privacy:	Anyone	
			www.movavi.com/video- editor-plus/?c=veplus20	Tags:	movavi, movavi video editor plus	
Ţ						
Sav	ve to:	'a\Vie	deos\Movavi Library '	Brows	se Upload	

# **Editor preferences**

To open the preferences:

1. Click the Settings menu

#### 2. Select Preferences.

The Preferences window will open. The preferences are organized into tabs. Click on a tab to open the relevant options.

Pref	ere	nces				
Gener	al	Files	Sharing	Acceleration	Select the tab	
Langu	age					
Eng	lish				•	
<ul> <li><u>A</u>utomatically check for updates</li> <li>I give consent to send anonymous usage stats to Movavi</li> <li><u>Learn more</u></li> </ul>						
U []	se so	oftware (	OpenGL impl	ementation		
✓ P	lay n	otificatio	n sound whe	en exporting is f	inished	

3. When you're done, click **OK** to close the window and apply the preferences.

See also: General preferences File preferences

# **General preferences**

**Interface Language** – to change the interface language, simply select the necessary language from the list and click **OK** to apply the changes.

**Automatically check for updates** – select this option and you'll be notified whenever a new version is available. Updates within your version are absolutely free (e.g. 1.0 to 1.1), while new releases are offered with a hefty discount to registered users.

**I give consent to send anonymous usage stats to Movavi** – check this box to let the program send usage statistics to our development team and help us to fix all the problems in the program much faster. The data contains no personal information, will not be disclosed to third parties and will be used for software improvement purposes only.

**Use software OpenGL implementation** – this option can be useful if your computer doesn't support the necessary OpenGL version and you see an error message when you start the program.

OpenGL is a software interface that manages graphics output. Usually, OpenGL is handled by your graphics card driver. However, some graphics cards do not support the necessary version of OpenGL. For these graphics cards, you can use this option to download and install a software replacement. Installation will run automatically, but you will need an Internet connection to download the files.

If Movavi Video Editor runs without showing an OpenGL error message, this option is not recommended.

**Play notification sound when exporting is finished** – when saving a project as a media file, you'll be notified as soon as the process is completed.

Pr	eferer	nces		
Ger	neral	Files	Sharing	Acceleration
Lan	guage			
E	nglish			•
>	<u>A</u> utom	atically ch	eck for upd	ates
~	I give	consent t	o send anor	nymous usage stats to Movavi
	<u>Learn</u>	more		
	Use so	oftware O	penGL imple	ementation
~	Play no	otification	sound whe	en exporting is finished
				OK Cancel

# **File preferences**

On the Files tab, you can find the options for storing and saving different kinds of files. You can change any of these folders to a different location.

**Save project files to** – a folder for saving and opening projects. This folder will also store any autosave files for new projects. You can use the autosave file to restore your work in case of an error or force close.

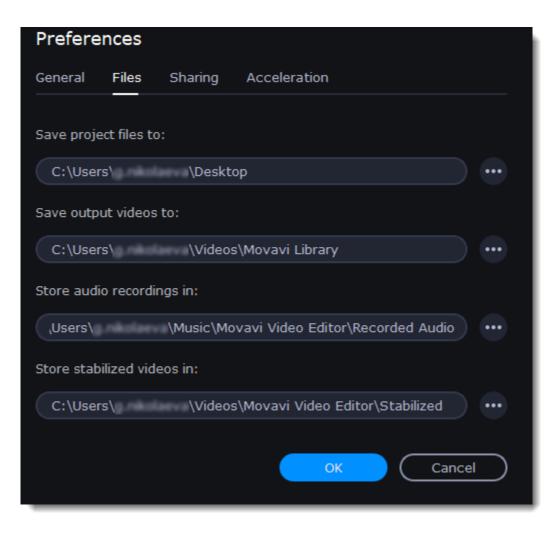
**Save output videos to** – a folder for exporting media files.

**Store audio recordings in** –a folder for the audio clips that you record in the Editor.

If you delete these audio files, the audio recordings in the project will also be unavailable.

Store stabilized videos in – a folder for a stabilized copy of the original when you stabilize a video.

Z Don't delete these files while you are working on the project, or you'll have to stabilize the files again.



Changing where the files are stored

Using a different folder might help if you don't have much disk space on your primary drive, or if you want to organize your media files in another way.

- 1. Click the button with three dots en next to the folder you want to change.
- 2. A Windows Explorer dialog box will open. Choose the folder you want to save the files to.
- 3. Click Select Folder to use this folder.

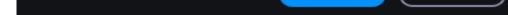
# **Sharing preferences**

On the **Sharing** tab of the Preferences window, you can manage your social network accounts for uploading videos.

# To sign in:

1. Click Sign In. The authentication page will open in the browser.

Preferences			
General Files	Sharing	Acceleration	
<b>You</b> Tube			Sign In
GoogleDrive			Sign In
Vimeo			Sign In
		ок	Cancel



2. Sign in to your account.

3. On the next page, allow Movavi Video Editor Plus to upload videos to your account.

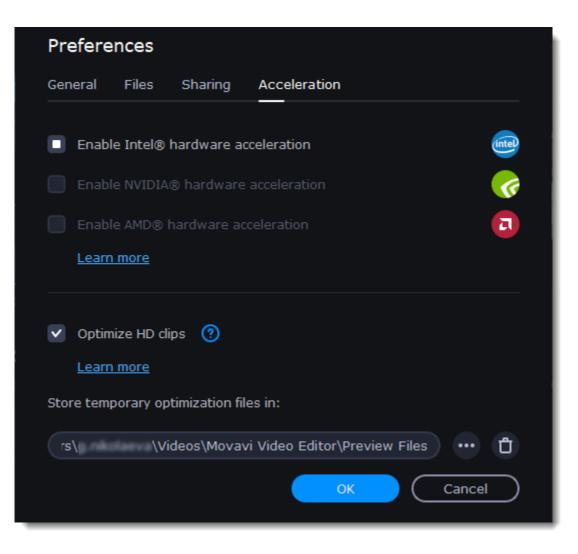
G	Sign in with Google	
	Movavi Video Editor Plus wants to access your Google Account	-
	This will allow Movavi Video Editor Plus to:	
	Manage your YouTube videos	(i)
	Manage your YouTube account	(i)
	Make sure you trust Movavi Video Editor Plus	
	You may be sharing sensitive info with this site or app. Learn about how Movavi Video Editor Plus will handle yo data by reviewing its terms of service and privacy policie You can always see or remove access in your Google Account.	
	Learn about the risks	
	Cancel Allow	

4. Return to Movavi Video Editor Plus. Your name will be shown in the Preferences window.

**To sign out or use a different account:** Click **Sign Out**. After this, you will need to sign in again to upload videos.

Preferences			
General Files	Sharing	Acceleration	
<b>You</b> Tube			Sign Out
GoogleDrive			Sign In
Vimeo			Sign In
		ок	Cancel

**Acceleration preferences** If your computer is equipped with the necessary hardware, these options can help speed up encoding and decoding of media files, allowing you to save your movies much faster and enjoy smoother performance.



## **Enable Intel hardware acceleration**

Accelerates video processing by up to 400% when working with H.264 and MPEG-2 video codecs.

This option is only available if your computer is equipped with an Intel processor that supports the Intel HD Graphics™ technology.

#### **Enable NVIDIA hardware acceleration**

With this option enabled, your NVIDIA graphics card will be used for processing H.264 and MPEG-2 videos and they will be saved up to 50% faster.

Because video processing is carried out by the graphics card, your CPU is free for other tasks, ensuring smoother performance in other programs.

This option is only available if your computer is equipped with an NVIDIA graphics card that supports this technology.

#### **Compatible graphics cards**

NVIDIA acceleration supports GeForce, Tesla and Quadro graphics card series. You can find the full list of supported GPUs on NVIDIA®'s official site: <u>NVIDIA NVENC supported GPUs</u>.

#### **Enable AMD hardware acceleration**

With this option enabled, you can use AMD's graphics processing power for converting videos.

Using the graphics card instead of the processor leaves your CPU free for other tasks, and you can use your computer without stuttering while converting videos.

This option is only available if your computer is equipped with an AMD graphics card that supports this technology.

#### **Fast Track HD Acceleration**

Fast Track HD Acceleration provides smooth and fast program running. By enabling **HD clips optimization** in the Preferences menu you allow the video editor to create copies of the project files in a smaller size and then use them in the project instead of the original ones. To enable this feature you need to have free disk space, so the Editor can store and use the copies. Once you finish editing and begin export, high-quality files will replace all the temporary optimization copies.

## Troubleshooting

If acceleration options are unavailable: Your computer might not have the right hardware.

If you're sure that your hardware meets the requirements, try updating your drivers. You can always find the newest version on the manufacturer's website: Intel Download Center | NVIDIA Driver Downloads | AMD Download Center

Intel HD Graphics is a trademark of Intel Corporation. NVENC is a trademark of NVIDIA Corporation. AMD is a trademark of AMD Corporation.

# **Convert files with Video Converter**

Using the **Video Converter** program, you can change the format of video, audio and image files, convert files to play on devices or prepare files for uploading online.

		÷ © ©
Install Movavi	ow to Add orror Effects	Complete Filmmaker Guide
🎔 Favorit	es 💽 Video 🎜 Audio 💿 Photo	🗖 Data
Video		
Video Editor 24 🗸	Video Converter 24 💙 :	Screen Recorder
Launch	Launch	Launch
Capture from cameras, VHS, TV	😧 Watch video	🔆 Gecata
Launch	Launch	Buy Try Out
Try Realluison Cartoon Animator	Video Editing Service	AI Upscaling 24 🗸

#### What can I do with the converter? Convert video files to a different format Convert videos for watching on devices Convert videos for uploading online Convert audio files Change image format Create a GIF from a video

#### How to use the converter?

#### Step 1: Open the Converter app

#### Step 2: Add files

Use the buttons at the top to open the files you want to convert.

### Step 3: Choose an output format

# Step 4: Edit and choose conversion options

Select the format you want to convert the files to.

#### Make changes to the files before conversion. Audio tracks

Subtitle tracks

# **Reduce size**

#### Step 6: Convert!

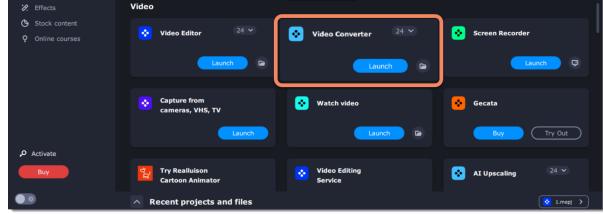
**Step 5: Choose the output folder** Select the folder where the newly converted videos will be stored. Click the **Convert** button to start processing the files.

# Launch the converter

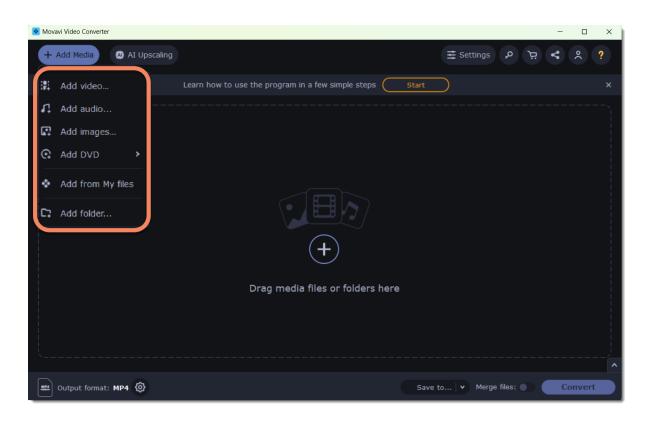
To launch the conversion app:

In the Movavi Video Suite launcher, go to the Video tab. Then click Video Converter.

88 My programs	
D My files	Use Our Video Editing 🚽 💦 Upgrade to Movavi 🚽 👘 How to Add Create Your Own 🎍
88 All programs	Services Unlimited Cartoons!
<b>00</b> -	🗢 Favorites 💽 Video 🛛 Audio 🖸 Photo 🗖 Data
Programs	



Except for videos in the Video Converter, you can also convert audio, images, photos, and other files.

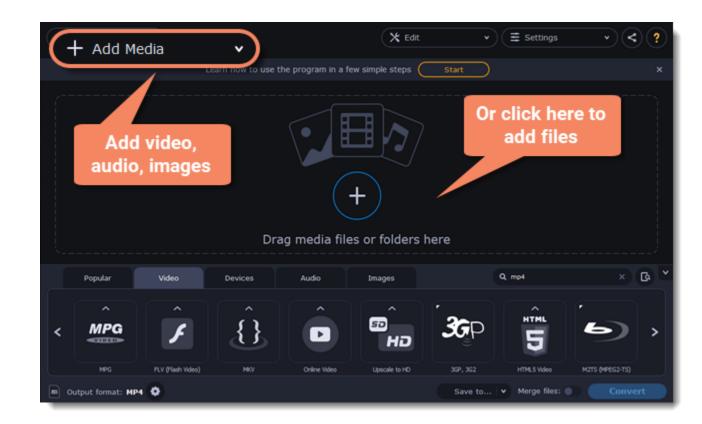


# **Converting media files**

#### **Open files**

- 1. Click the Add Media button at the top and choose the desired type of file.
- 2. A **Explorer** dialog box will open. Select the files you want to convert.
- 3. Click **Open**. The files will now be added to the file list.
- 4. Or drag and drop files into the program or click in the center of the main window.

#### Opening media



#### **Select files**

Check the files you want to convert. You can remove converted files after they're done. To do it, click a trash can near to Selected files.

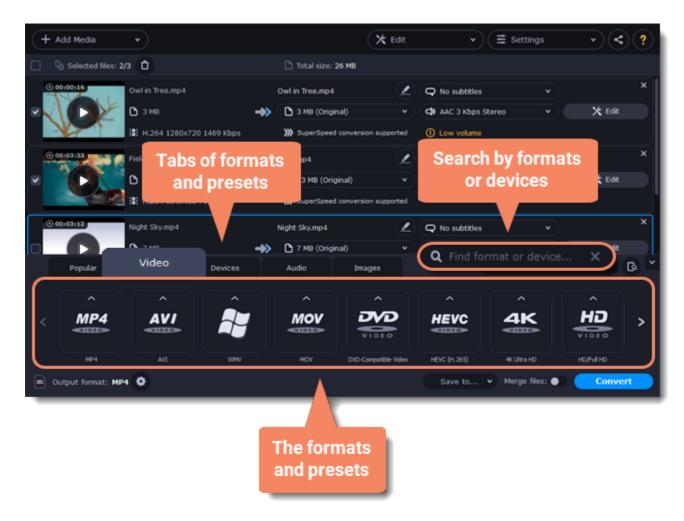
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MP4 AVI WHV MOV DVD-Compatible Video HEVC (H.265)	4KUltaH0	нојғыно
Output format: MP4 H.264 - Original Size      Save to		Convert

# **Choose output format**

In the lower half of the window, you will find tabs for any type of files and devices – **Video**, **Audio**, **Images**, **Devices**. **Popular** is a tab with popular conversion formats. The used presets will be put into this tab too.

- 1. Click the desired tab, Video, for example.
- 2. Click the format you want to use. You can also type format or device name into the search field.



3. For video, choose the preset with the codec and resolution that you want to use.



Each preset displays information about the video, audio, and other output parameters that can help you choose the right one. Learn more about file <u>media streams</u> and <u>customizing presets</u>.



# Edit and rename the file

• If you want to edit one of the videos, click the **Edit** button next to it to open the Editor window.

• To rename the file, click the pencil icon next to the output file name and enter the new one into the **Output file name** box. Then, click **OK** to accept.

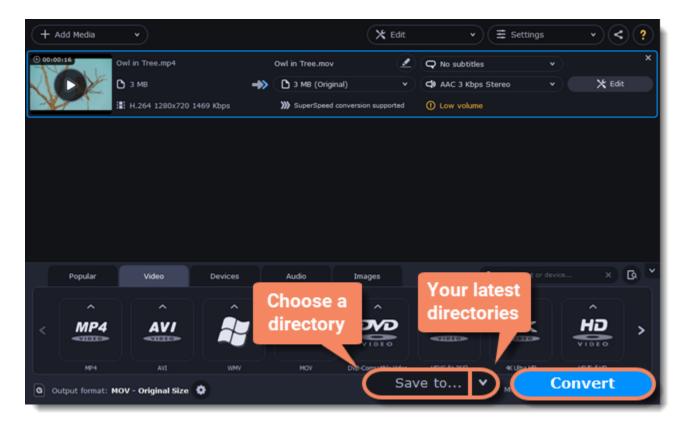
Learn more about Editing files

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📰 H.264 1280x720 1469 Kbps		① Low volume
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Popular Video Devices	Audio Images	Q Find format or device X 🕃 🎽
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	VIDEO	
MP4 AVI VMV	MOV DVD-Compatible Video	HEVC (H.255) 4K Ultra HO HO/Full HO
Output format: MP4 O		Save to V Merge files: Convert

## **Check output folder**

• At the bottom of the window, click Save to... and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.

• Finally, click the **Convert** button to start processing the videos. This may take anywhere from a few seconds to several hours, depending on the size and number of video files.



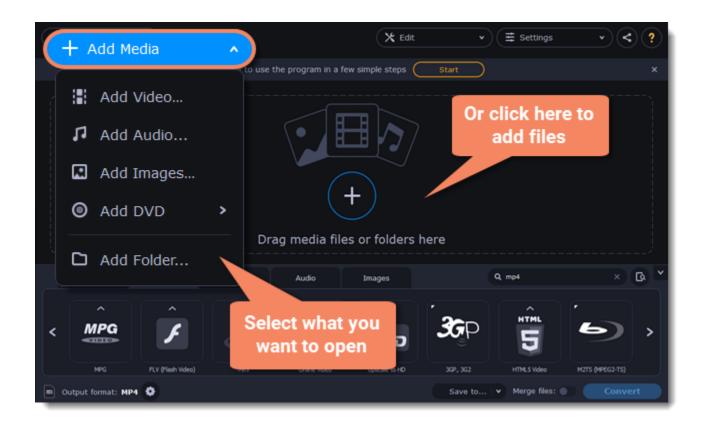
# **Opening media**

To begin converting media files, you will first need to open them in Movavi Video Converter.

## Add media

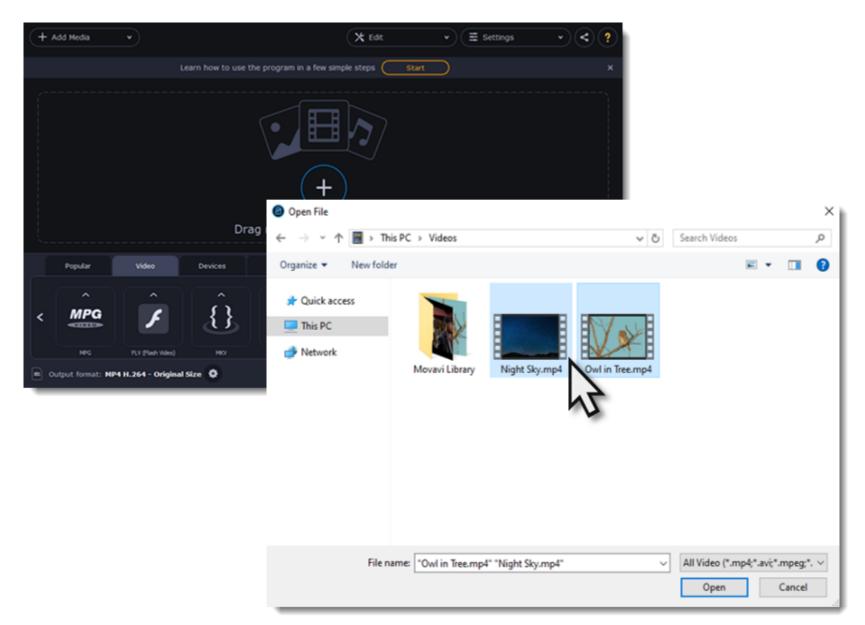
- 1. Click Add Media at the top of the window.
- 2. Click one of the buttons to open files of that media type.

3. A Explorer window will open. Find the files you want to convert and click Open to add them to the queue. Or simply drag the files from any Explorer window onto Movavi Video Converter to add them to the queue.



### **Drag and drop**

Find the files you want to convert in **Explorer** and drag them onto the **Movavi Video Converter** window. The files will now be added to the conversion queue.



# **Choosing output format**

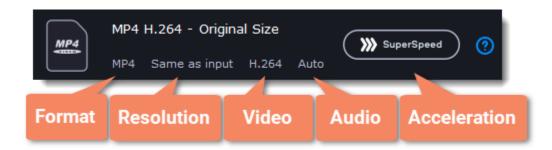
After you've <u>added media files</u>, it's time to choose the output format for converting all of the files in the list. Follow the steps below to choose a video output format.

In the lower half of the window, click the desired tab to see a list of formats. *For example, Video* Click the format that you want to convert the files to. A list of presets for this format will appear. *For example, MOV* Choose the video codec and resolution that you want to use.

To convert without changing the resolution, choose the preset marked with "Original size" or "Same as input".



Each preset displays information about the video, audio, and other output parameters that can help you choose the right one.



#### **Choosing the right resolution**

A video's resolution is its size in pixels, horizontally and vertically. It is usually listed as the width times height: 1920x1080, or just the height: 1080p. This means that the video is 1920 pixels long and 1080 pixels tall. The higher a video's resolution, and the more pixels it has, the more detail it can preserve.

First of all, you need to know the original file's resolution. To do that, check the video information next to the file's preview. When you choose the output resolution, select the same resolution to preserve the original quality, or choose a lower resolution to reduce the file size.

#### Advanced settings

If you can't find a suitable preset, you can select the necessary properties manually. Click the **Customize** button next to the 'Output format' box to modify the video and audio properties of the currently selected preset. Learn more

# **Compressing files**

Compressing videos can help reduce the size of the output file by reducing their bitrate. When you compress a video, it loses some of its original quality, but even a small bitrate reduction can make the file significantly smaller.

#### **Open files**

Open the files you want to compress. Learn more

#### Choose the output format

The video's format and resolution play a very important role in the output file size.

1. Click the Video tab to see a list of video formats.

#### 2. Click the format you want to convert the videos to.

**Note:** Some formats and codecs compress video better than others. If you're not sure which format to choose, use the MP4 format with the H.264 codec for the best size to quality ratio.

3. From the format list, choose the resolution that you want to use.

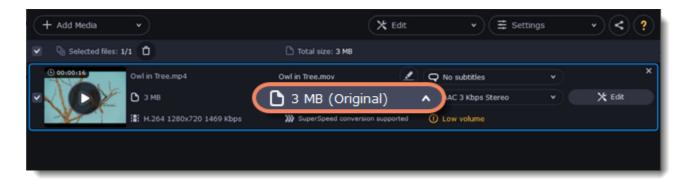


#### **Choosing the resolution**

A video's resolution is the number of pixels in every frame. A higher resolution can preserve more information and quality, but it also requires more disk space. Select a slightly lower resolution if the video is very large. For example, you can convert 1080p videos to 720p. Learn more

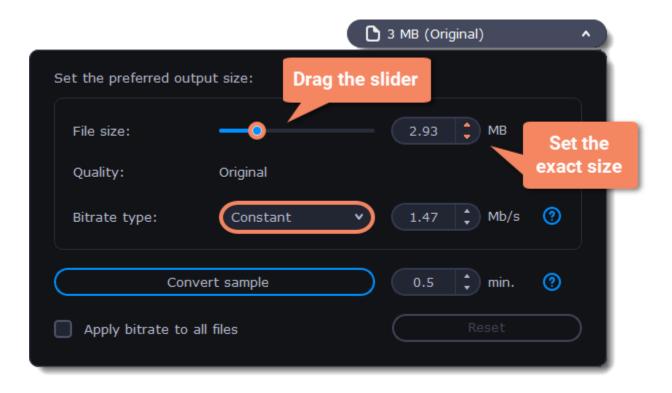
#### **Compress video**

1. In the file list, check the file's output size in the second column from the left.



2. Click the file size information to show compression options. There, choose the bitrate type.

<u>Constant bitrate</u> (CBR) allows you to get an output file with the exact size (recommended for DVD recording and streaming). During CBR encoding, the bitrate or the number of bits per second is kept the same throughout the encoding process.



<u>Variable bitrate</u> (VBR) allows you to reduce output file size up to two or three times saving the quality. But the file size cannot be predicted. During VBR encoding process the bitrate of the media file will dynamically increase or decrease depending on the media files bitrate needs. Use VBR unless you have a specific need for playback on a device that only supports CBR.

	🗅 3 MB (Original) 🔹 🔺
Set the preferred quality:	Drag the slider
13 (Medium)	
Smaller size	Better quality
Bitrate type: Variable	✓ 1.47 ↓ Mb/s ?
Convert sample	0.5 🛟 min. 🧿
Apply bitrate to all files	Reset

3. Click **Apply bitrate to all files** in the compression box if you want to unify quality of the files.

If you want to check the quality of the output file without converting the whole file, click the **Convert sample** button. You can set the duration of the fragment to the right of the button. The folder with the converted fragment will be opened automatically.

#### Convert

Click **Convert** to start processing the compressed file.

# **Converting DVDs**

The era of the DVD disc is coming to an end, and not all homes now have a DVD drive. Make your favorite movies future-proof by backing them up to your computer.

## **Open DVD**

- 1. Insert the disc into your DVD drive. If you have an external DVD drive, connect it to the computer.
- 2. Click **Add Media** in the upper left-hand corner of the window.
- 3. Hold your mouse pointer over Add DVD.
- 4. Click the disc name in the menu that appears. If you don't see the DVD in the list, click **Open DVD** and find the DVD location.



٩	Output format: MOV - Original Size 🔅	Save to	Merge files: 🌒	Convert

*Tip:* some DVDs are protected from illegal copying and cannot be converted. Movavi Video Suite is not intended for copying protected media.

# **Choose video format**

1. In the lower part of the window, click the **Video** tab to see a list of video formats.

2. Choose the group with the format you like.

3. Click that format and pick a video resolution. To convert with the original resolution, choose the line marked with "Same as input".



# Choose files and streams (optional)

Many DVDs come with bonus clips, as well as a number of subtitle tracks. Select just the files you need to save disk space:

#### **Bonus files**

To remove bonus files that you don't need, click the Sicon to the right of the video.

#### Audio tracks

1. Find the audio information in the right-hand part of the file list and click on it to open the list of audio tracks.

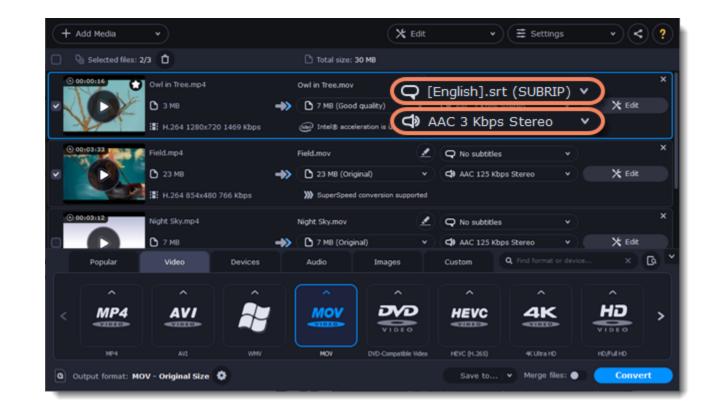
2. Deselect the audio tracks that you don't want to keep.

Learn more about audio tracks

#### **Subtitles**

Find the subtitle information in the right-hand part of the file list and click on it to open a list of available subtitles.
 Choose the subtitle track that you want to keep.

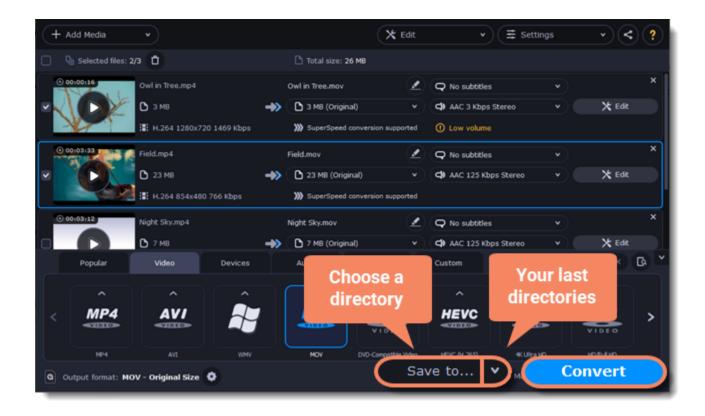
Learn more about subtitles



#### Convert

• At the bottom of the window, click **Save to...** and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.

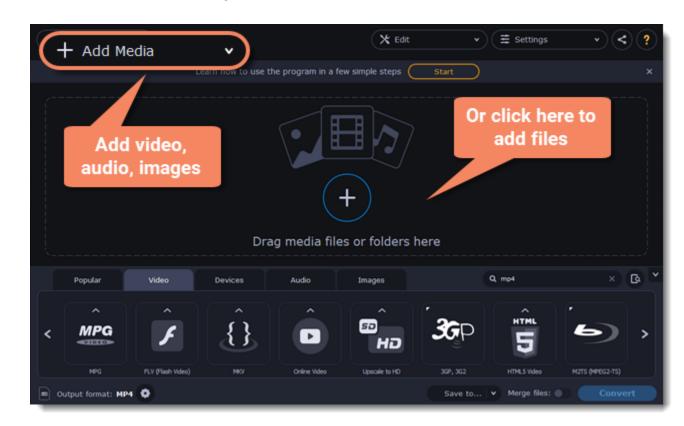
• Finally, click the **Convert** button to start processing the videos.



# **Creating GIFs from videos**

#### **Open a video**

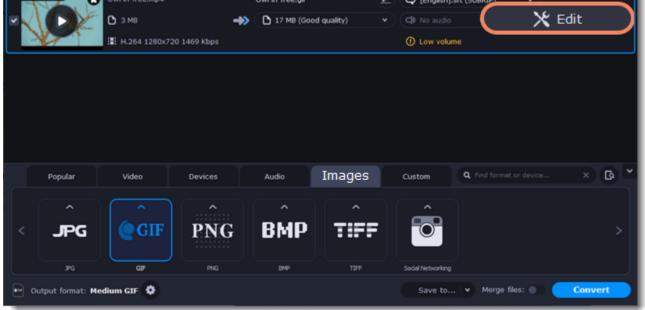
- 1. Click Add Media in the upper left-hand corner of the window and choose Add Video from the pop-up menu.
- 2. Find the video you want to turn into a GIF and click **Open**.



#### Trim the video

Usually, GIFs are pretty short, which means you'll need to trim the video to show just the important part. 1. Click the **Edit** button next to the video in the file list to open the Editor window.

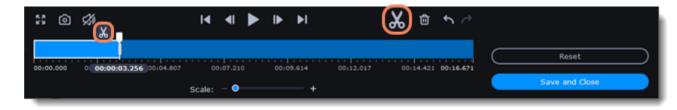
+ Add Media v		🗙 Edit	▼	· < ?
Selected files: 1/1	🗅 Total size: 17 MB			
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2. Cut the video as you need.

# 3. Click **Save and Close** to finish trimming and close the editor.

Learn more about trimming files



### **Choose GIF format**

1. In the lower half of the window, click the **Images** tab to see image formats.

- 2. Click **GIF** to see GIF conversion options.
- 3. Choose a size for your animated GIF. For example, "Medium GIF".

4. (Advanced) To change the frame rate, click the **Customize** button next to the output format at the bottom to customize the selected preset. In the settings window, choose the **frame rate** you need and click **OK**. Higher frame rates will make the movements seem smoother, but will increase the GIF's file size.



## Save the GIF

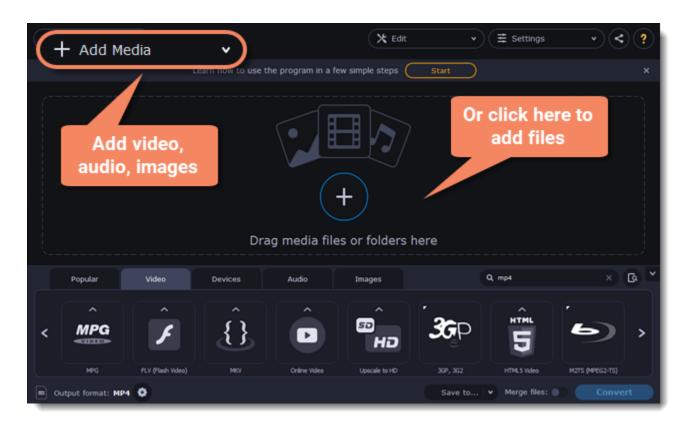
1. At the bottom of the window, click **Save to...** and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.

2. Click **Convert** to save your animated GIF.

# **Merging files**

### Add files

Click Add Media in the upper left-hand corner and choose Add Video from the pop-up menu. Open the files you want to merge.



#### **Merge files**

The files will appear in the joined video in the same order as they are shown in the list. Drag the files with your mouse to the right order.
 Select the Merge files option at the bottom of the window. All the files in the list will now be queued for merging.

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Output format: MOV - Original Size 🔅			av Merge file	s: 🔵	Convert

#### Convert

- 1. Select an output format for the new video. See also: Choosing output format
- 2. Click **Save to...** box and choose where to save the output video.
- 3. Click **Convert** to start joining the files.

#### Troubleshooting

If you see an error after selecting the Join files option, make sure that all of the files in the list have the same number of audio tracks. Click the audio information and disable the extra audio tracks. **See also:** <u>Choosing audio tracks</u>

# **Customizing presets**

After selecting a preset, you can manually modify it to change any output properties. To do that, click the cogwheel button next to the **Output** format box to open the settings for the selected preset.

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Output format: MOV - Original Siz		Save to	. 👻 Merge files: 🔵	Convert

To see more settings, click **Show Advanced** at the bottom of the settings window.

						. —	
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## **Two Pass Encoding**

Encoding videos in two passes means that the encoder will go over the media file twice: first, to analyze the file and then to convert it using the collected data. This takes extra conversion time, however it allows for a higher output quality and possibly a slight reduction in file size.

To enable two pass encoding:

- 1. Inside the Settings window, click Show Advanced to show the encoding settings.
- 2. Under Encoding type, choose Two Pass.
- 3. Click **OK** to accept the changes.

#### **Tune settings**

You can use **Tune** for advanced settings of H.264 videos. **Tune** optimizes the preset settings for the best quality depending on the type of the input video:

- Film for action movie content
- · Animation for animated cartoons
- Grain for grainy, detailed video material
- Stillimage for still image footage
- PSNR for achieving high peak signal to noise ratio
- SSIM optimization for structural similarity
- Fast Decode for faster decoding
- Zero Latency for streaming video.

# Choosing an image format

Most applications and web services are limited to just a few image formats, and working with rare formats usually requires expensive

software. Convert images to be able to use them wherever you like!

## **Open images**

- 1. Click **Add Media** in the upper left-hand corner of the window.
- 2. Click Add Images in the pop-up menu.
- 3. Choose the images you want to convert and click **Open**.

# **Choose format**

- 1. In the lower half of the window, click the **Images** tab to see a list of image formats.
- 2. Click the format you want to use.

Note: not all formats support transparency. If the images have transparent areas, choose the PNG or BMP format.

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# Reduce the file size (converting to JPG only)

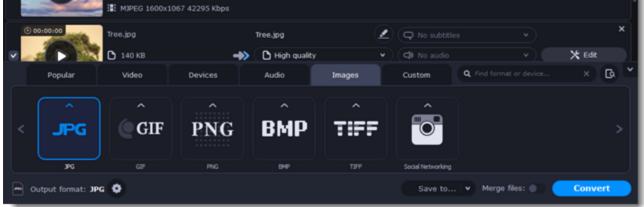
Click the file size to open settings, then drag the slider to reduce the image size.

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Quality: High Popul File size: 78 KB			X Edit device X Q Y
< Apply quality to all file	s R	eset	
JPG GDF PNG	BMP TIFF So	cial Networking	
Output format: JPG		Save to Y Merge files	Convert

# Edit image (optional)

You can quickly fix or improve any images before converting. To do that, click the **Edit** button next to the image you want to adjust.

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© 00100100 Kitten.jpg	Kitten.jpg	Q No subtitles	×
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Learn more: Applying a watermark | Enhancing colors | Cropping videos and images

# Resize images (optional)

To batch resize the images:

1. At the bottom of the window, click the cogwheel icon



next to **Output format**.

2. Click the box under **Frame size** and choose a size that you want to use for all images, or choose any of the following and enter the size into the **width** and **height** boxes on the right:

Custom: scales the images to exactly the size you specify.

Smart fit: scales the images up or down as close as possible to the specified size without changing the proportions.

**Up to size**: scales the images down as close as possible to the specified size without changing the proportions. Images smaller than this size will remain unchanged.

To allow changing the image proportions, click the link icon next to the width and height boxes: 🕚 – locked, 🕲– unlocked.

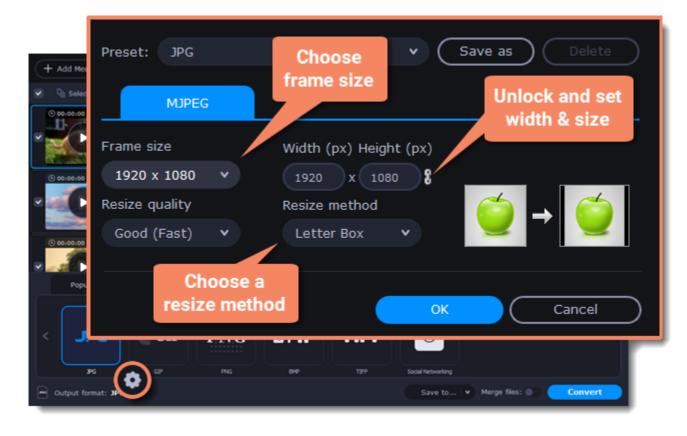
3. If the new size is different from the original image proportions, choose a resize method for your images:

**Letter box** – unused space will be filled with black.

**Stretch** – the image will stretch to fill the entire area.

**Crop** – the image will be resized to fill the entire area, and overflowing edges will be cut off.

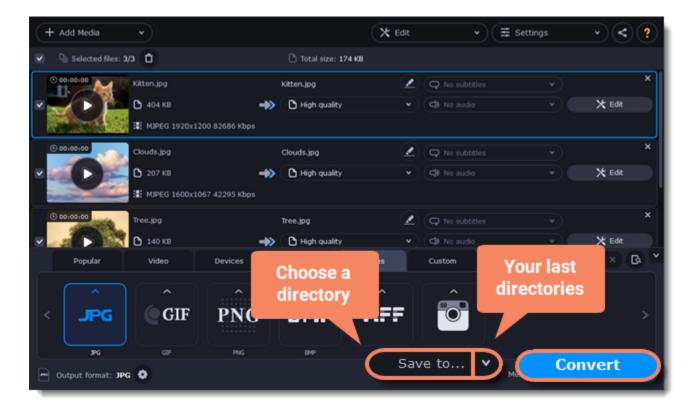
4. Click **OK** to accept the changes. If you want to preview the result, click the **Edit** button next to an image.



## Save and convert

At the bottom of the window, click **Save to...** and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.

Finally, click the **Convert** button to start processing the images.



# Choosing an audio format

Even though MP3 is the most commonly used format, you may also encounter other formats, such as AAC or FLAC, which can preserve audio quality better, but aren't supported by all devices. Converting audio will not only let you play music on any device or player, but also organize and compress your media library.

#### **Open music**

- 1. Click **Add Media** in the upper left-hand corner.
- 2. Click **Add Audio** in the pop-up list.
- 3. A **Explorer** dialog box will appear. Choose the audio files you want to convert. Or simply drag the audio files onto the converter window.

# **Choose audio format**

- 1. In the lower part of the window, click the **Audio** tab to see the list of audio formats.
- 2. Click the format you want to convert the audio to.
- 3. Choose the bitrate that you want to use. To convert without changing the bitrate, choose the preset marked with "Original bitrate".

**Bitrate** – the bitrate reflects the amount of data in kilobits that is played back each second (measured in kbps). Higher bitrate usually means higher audio quality as well as larger file size, as extra data needs to be stored within the file. For audio presets, the bitrate is listed next to the format. When you convert a file to lower bitrate, the extra bits of data are irretrievably lost, meaning that you cannot increase quality by converting audio to a higher bitrate, because the file no longer contains the data that can be used to restore higher quality.



# Edit audio (optional)

#### Rename file

Renaming media files helps keep the music library in order.

1. Click the pencil icon

next to the file you want to rename.

- 2. Enter the file's new name.
- 3. Click OK.

#### Normalize and manage volume

If some of your music files are quieter than others, you can normalize their sound so you don't have to adjust the volume every time you listen to them.

- 1. Click the **Edit** button next to the file you want to normalize.
- 2. The Editor window will open. There, switch to the **Audio** tab.
- 3. Adjust the volume level or select the Normalize volume option.

#### 4. Click Save and Close.

Adjusting volume

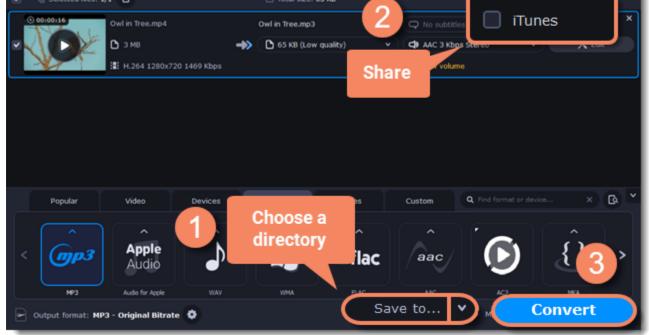
## **Convert and upload**

1. At the bottom of the window, click **Save to...** and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.

2. If you want to upload the music to iTunes after converting, click the sharing button wat the top of the window and select **iTunes** from the pop-up window.

3. When you're ready, click **Convert** to start the audio processing. Your files will be ready in a few minutes at most.

+ Add Media •	(	🗙 Edit	•	Ξ Settings	-<	?
Di Selected files: 1/1	Total size: 65 KB					

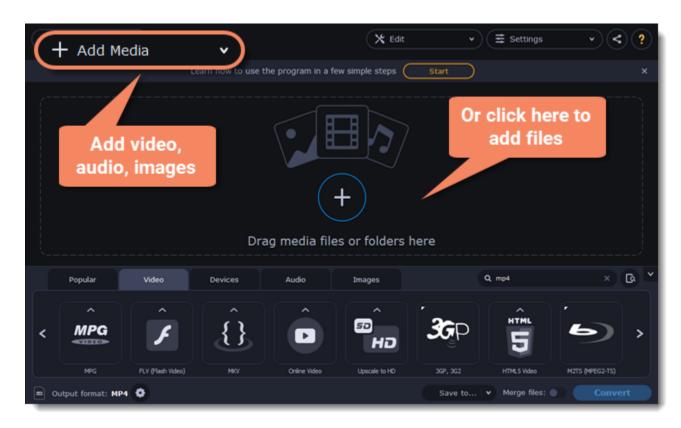


# **Devices**

Converting videos for devices such as smartphones and tablets is quick and easy: all you need to do is connect the device and the program will suggest the recommended format and resolution for it.

# **Open files**

Drag the files you want to convert onto the converter window.



## **Connect the device**

Connect the smartphone or tablet to your computer using a USB cord.

## **Confirm the device**

1. Once the device is recognized, a dialog box will appear with the device name and the recommended preset. Check that the device name

matches your device. If the dialog box doesn't appear, click the **Device Detection** button to the right of the search bar. 2. If the device is correct, click **Use These Settings** to use the recommended output format, resolution, and other parameters.

+ Add Media	•	🗙 Edit	▼ 🗮 Settings	· < ?
	It looks like you've connected a use the recommended settings			× X Edt
	Choose your device:	Apple iPhone	5 <b>v</b>	
	Recommended o	output format: —		
	iPhon	e 5		
	mp4 Up to 1136x6	540 H.264 AAC		
				<u> </u>
	Don't show when I connect th	is device		<u>^</u>
<	Use These Settings	$\subset$	Close	HUAWEI
Apple Output format: MP4	Android Samsung LG	Sony PlaySt	aton TVs	Huawel



#### Several devices are listed

Sometimes, the device detection box shows a list of several devices. This can happen if you have more than one connected device, or with some devices that are very similar and can't be identified precisely. In this case, open the **Choose your device** list and select the device model that you want to convert for. Then, click **Use These Settings** to use the recommended format, resolution, and other settings.

#### **Device was not detected**

- If the dialog box does not appear, try clicking the **Device Detection** button to the right of the search bar.
- Try reconnecting the device and wait for the system to detect it.
- If that doesn't help, you can still find a preset for your device manually on the **Devices** tab.

#### The wrong device was detected

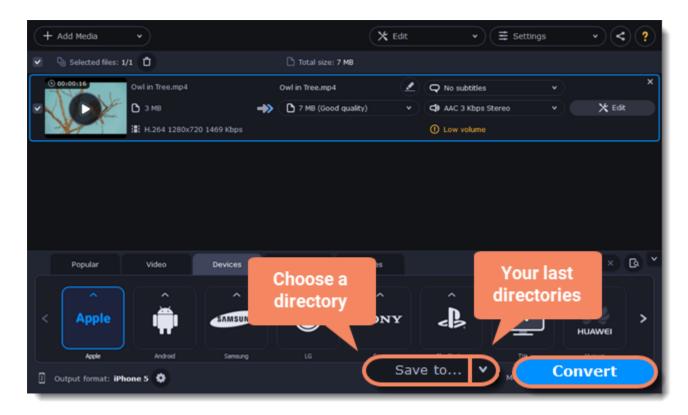
If the dialog box shows the wrong device, and that device isn't also connected to your computer, you can still find it manually on the **Devices** tab of the preset list.



#### Save and convert

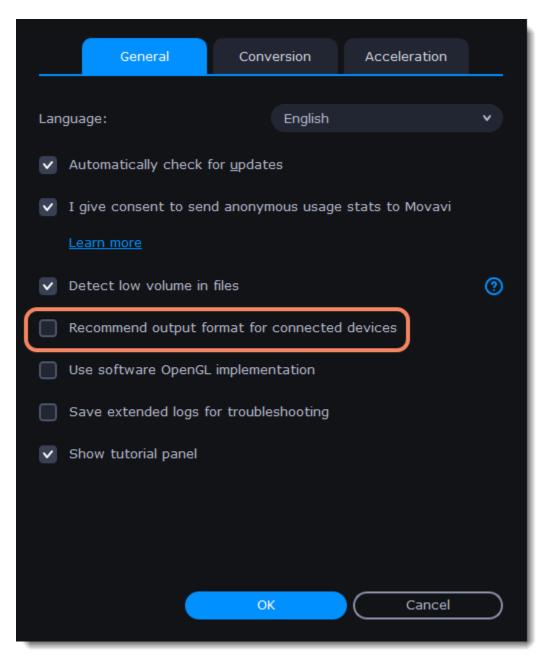
1. At the bottom of the window, click **Save to...** and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.

- 2. Click the **Convert** button to start processing the videos.
- 3. After conversion has finished, upload the videos to your device and enjoy.



**Disabling device detection** 

- If you don't want to use device detection for any devices:
- 1. Click the **Settings** button and choose **Preferences**.
- 2. In the Preferences window, disable the "Recommend output format for connected devices" option.
- 3. Click **OK** to apply the changes.



**Disabling detection for one device** 

- If you don't want the device detection window to appear whenever you connect a specific device:
- 1. Connect the device and wait for the Device Detection window to appear.
- 2. Select the "Don't show when I connect this device" option and close the window.

[Q	It looks like you've connected a device. Do you want to use the recommended settings to convert for this device?							
	Choose your device: Apple iPhone 5 🔹 🗸							
	Recommended output format:							
	iPhone 5							
	mp4 Up to 1136x640 H.264 AAC							
(	Don't show when I connect this device							
	Use These Settings Close							

# **Media streams**

Every media file is made up of streams for each data type. A video can contain a video stream, a couple of audio streams, and several subtitle streams. When converting files, you can find the information about these streams in two columns on the right. Here, you can manage the streams that end up in the output file.

+ Add Media •	🗙 Edit	▼	· < ?
Selected files: 1/1	🗅 Total size: 3 MB		
© 00100116 Owl in Tree.mp4	Owl in Tree.mp4	Q No subtitles	) ×
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H.264 1280x720 1469 Kbp	SuperSpeed conversion supported	① Low volume	
	<b>V</b>		
Owl in Tree.mp4	🖌 📿 No s	ubtitles	▼
	$\rightarrow$ $\stackrel{\cdot}{=}$		$\equiv$
3 MB (Original)	• 🗘 🗛	3 Kbps Stereo	
Popular Video Devices	Audio Images	Q Find format or dev	vice x 🗛 🎽
			ĤD 、
K MP4 AVI			
MP4 AVI VM	/ MOV DVD-Compatible Video	HEVC (H.265) 4K Ultra HD	юлию
Output format: NP4		Save to 👻 Merge files: (	Convert

To get more details, right-click the file and choose **File Information** from the pop-up menu. Here, you can see all the information about the original file's video and audio streams.

+ Add Media		•	t Edit	• < ?
Selected files: 1/1	1 <b>D</b>	Total size: 3 MB		
· • • • • • • • • • • • • • • • • • • •	0wl in Tree.mp4 3 MB →→ H.264 1280x720 1469 Kbps	Owl in Tree.mp4           Owl in Tree.mp4           3 MB (Original)           W SuperSpeed conversion si		v X V K Edit
	Duplicate		File format: MP4 Video stream	
	Remove		Codec:	H.264
Popular	Remove All	io Images	Width×Height:	1280 x 720
			Aspect ratio:	16:9
< MP4	Rename		Frame rate:	29.970
MP4	File Information	HOV DVD-Compa	Duration:	16 sec.
Output format: MP4			Bitrate:	1469 Kbps
_			Audio stream	
			Codec:	AAC
			Channels:	2
			Sample rate:	44100 Hz
			Duration:	16 sec.
			Bitrate:	3 Kbps
				ОК

**Compress video** 

You can compress a video to reduce its output file size by sacrificing some of the quality. To do that, click the output file size and move the slider to the necessary file size while keeping an eye on the quality.

Compressing videos

**Choose audio tracks** 

If a file comes with a number of audio tracks for different languages, you can keep just the ones you need. To do that, click the audio stream and deselect the audio tracks that you don't want to keep.

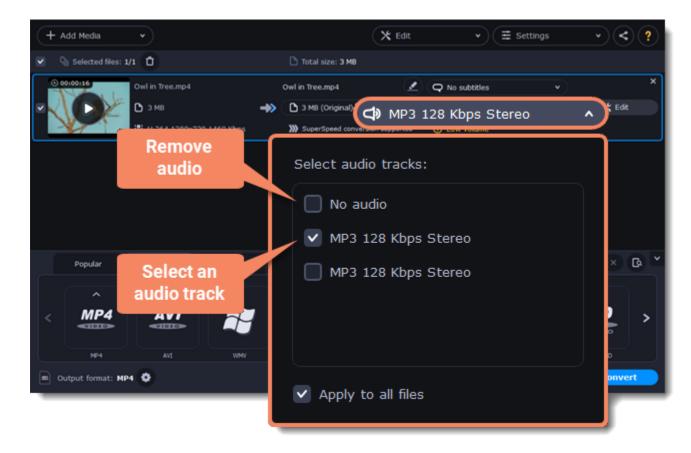
Choosing audio tracks

**Choose a subtitle track** When you convert videos, you can permanently overlay subtitles on top of the video. To do that, click the subtitle stream and choose or add the subtitle track that you want to use. <u>Choosing a subtitle track</u>

# **Audio tracks**

**Choose audio tracks** 

In the rightmost column of the file list, click the audio track information box. The audio track list will appear. In the box with the audio tracks, deselect the audio tracks that you don't want to appear in the output video. If you want to completely remove audio from the file, select the **No Audio** option. You can remove audio from all the files in the list by checking the **Apply to all files** box. You can also apply an audio track to all files.



Note: not all formats support multiple audio tracks. The table below shows the maximum number of audio tracks for each format:

Format	Number of audio tracks supported
3GP	1
AVI	16
DVD	8
FLV, SWF	1
MKV	16
MOV	16
MP4	16
MPEG-1, MPEG-2	16
OGV	1
WebM	16
WMV	16

# Subtitle tracks

When you convert videos, you can permanently overlay any subtitle track onto the original video. This can be useful if you're watching videos on a device, or your player doesn't support subtitles.

## **Choose a subtitle track**

In the rightmost column of the file list, you can see the subtitle and audio track information for each file. Click the information next to the

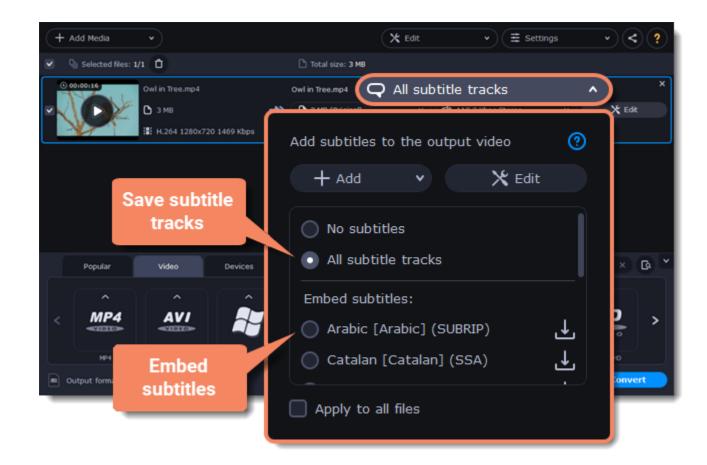
subtitle balloon 🖤 to open the list of subtitles. In the subtitle list, click the subtitle track that you want to use.

You can choose soft or hard subtitles:

Softsubs are stored as a separate track and you can add several subtitle tracks to a single file. All the subtitle tracks will be saved if you

choose **All subtitle tracks** option. The option available when converting to MKV only, and you cannot edit this type of subtitles.

**Hardsubs** are permanently drawn on top of the video and cannot be turned off, but they are guaranteed to be visible in any player. Choose subtitles you want to embed from the list. Before embedding, you can edit the subtitle track. Learn more about editing subtitles



# **Adding subtitles**

To add your own subtitles that aren't stored inside the original file, click the **Add** button above the subtitle list and then open the subtitle file that you want to add. You can use \*.*srt*, \*.*ass*, \*.*smi*, or \*.*ssa* subtitle files. Or you can search for subtitles online. Learn more about online subtitle search

#### Applying a subtitle track to all files

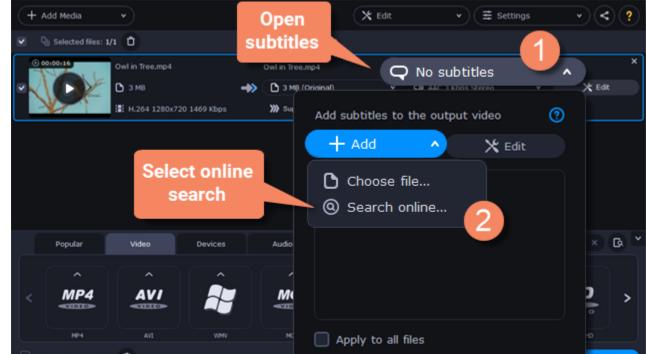
Choose a subtitle track and select **Apply to all files**. This function works only in case you have files with the same quantity of subtitle tracks, for example, it is a series.

# **Online subtitle search**

## **Open online subtitle search**

In the rightmost column of the file list, you can see the subtitle and audio track information for each file.

- 1. Click the information next to the subtitle balloon  $\mathbf{\Theta}$  to open the list of subtitles.
- 2. Click Add and then Search online...



### Search and download subtitles

1. Type a movie or series title into the search field.

2. Select a language you want to search subtitles for.

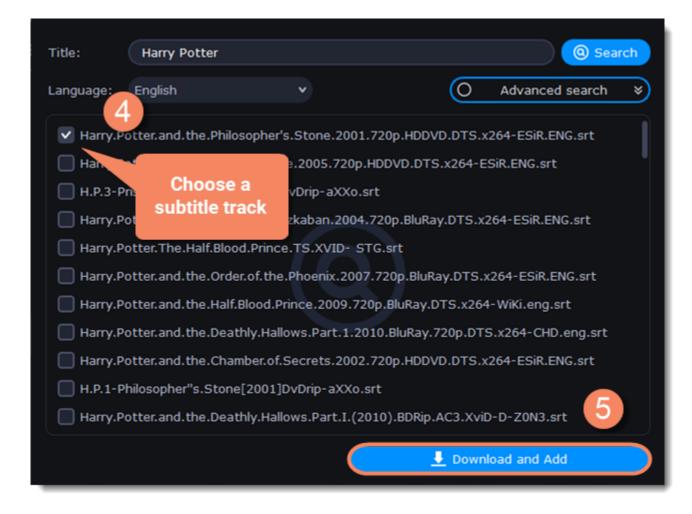
3. Click Search.

4. Choose a desired subtitle track in a list of search

Title:	Harry Potter		Search
Language:	English 2	Type a movie	Advanced search
	Select language	title	
		L Dor	wnload and Add

#### results.

5. Click **Download and Add.** The subtitles will appear in the list of subtitles.

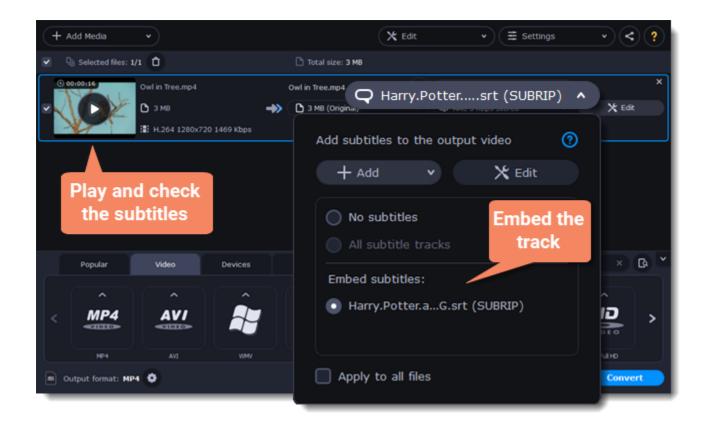


### **Check and embed subtitles**

1. You can check the subtitles by playing the file. Play and click **After** to see if it works right.

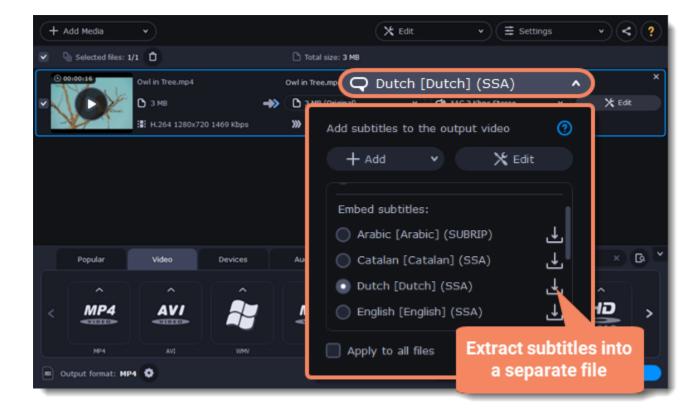
2. If everything is okay, your next step is to embed the subtitles into the video so that they are visible in any player. Before you embed subtitles, you can edit them.

Learn more about subtitle types | Learn more about editing subtitles



# **Extracting subtitles**

- 1. Click on the **subtitles field** next to the video you want to extract subtitles from.
- Make sure to choose the video format.



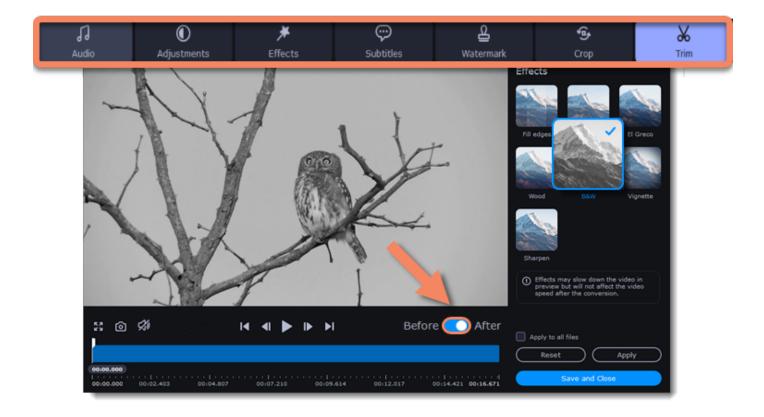
- 2. In the pop-up menu, click the **Extract subtitles into a separate file** button.
- Now, the file with the extracted subtitles will be saved by default in Movavi Library folder.
- The file will be automatically shown in folder at the end of the extracting process.

# **Editing media files**

If you need to make some quick edits to the file before converting, click the **Edit** button next to the file that needs editing or **Tools**, and then apply the necessary adjustments in the editing window.

+ Add Media			🗙 Edit	▼) (Ξ Sett	ings 🔹 💙 💙
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	Owl in Tree.mp4	Owl in Tree.mp4	20	⊋ No subtitles	××
- COL	🗅 з мв 🗕 🔿	3 MB (Original)	• •	🕽 AAC 3 Kbps Ster	🗙 Edit
	H.264 1280x720 1469 Kbps	>>> SuperSpeed conver	rsion supported (	D Low volume	

You can apply tools and compare videos before and after editing. To do this, use any tool and switch between modes using the Before and After buttons under the playback window. For example:



## **Trimming videos**

If you only want to convert a part of the video, you can trim off the parts you don't want from the beginning and end of the file. Learn more about trimming videos







Trimmed video - 30 sec.

## Joining videos

If your video footage is in several different files, you don't need to use a full-function video editor to join them together. Learn more about joining files



Joined videos

## **Rotation and cropping videos**

Nobody likes videos with the wrong orientation! This can be easily fixed with the **Rotate** tool which lets you rotate and flip videos or images. Learn more about transforming videos



Left to right: original image, rotated 90° clockwise, rotated and flipped horizontally

Cropping a video can change the video's aspect ratio to remove any black bars around it; you'll be able to use the entire screen when watching the video. Cropping a video or image can also help to remove unwanted images from the edges of the screen (for example, if there's a dumpster at the edge of an otherwise beautiful video!) or draw attention to the center of the frame.



Cropping a video

# Adding a watermark

Adding your name or logo on top of the video will make sure nobody else can take credit for your videos. Learn more about watermarking



Original video; image watermark; text watermark.

#### **Adjusting colors**

Using Movavi Video Converter, you can make quick color adjustments to your videos and photos. Use automatic adjustments for fast enhancement, or adjust the hue, brightness, and saturation manually. Learn more about video adjustments



Before and after adjustment

## **Adding effects**

You can add effects to your video! Video Converter has some simple effects as removing fish eye, sharpening, vignette, and more. Learn how to add effects



Before and after effects

# **Enhancing audio**

Many movies have problems with volume, where the dialogue is too quiet and action scenes blast at full volume. To combat this, you can normalize the file's audio track using Movavi Video Converter, or adjust the volume level manually. Learn more about audio enhancements

# **Trimming files**

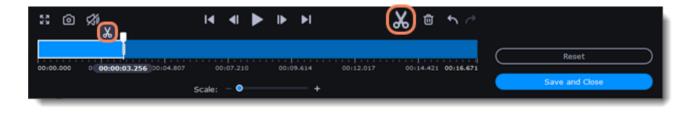
## Enter edit mode

Click the **Edit** button next to your file and switch to the **Trim** tab. Here, you can trim your file or just split it into segments.

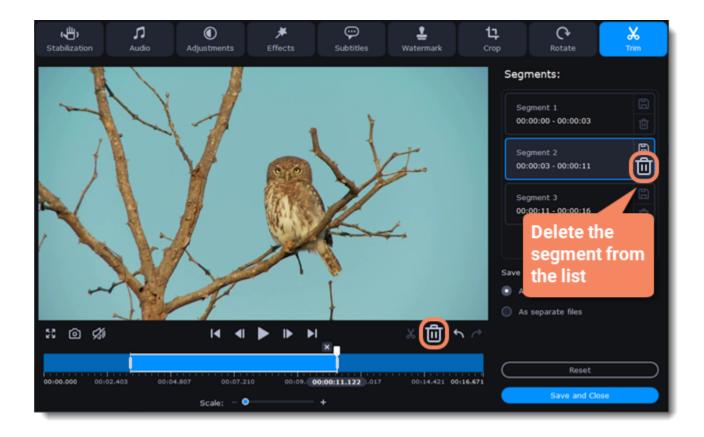
+ Add Media v			🗙 Edit	▼ (Ξ Setting	gs v < ?
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© 00:00:16 Owl in Tree.mp4		Owl in Tree.mp4	2	Q No subtitles	×
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: H.264 1280x720 1469 Kbps		>>>> SuperSpeed conversio	n supported	① Low volume	

### Cut out a part of the video:

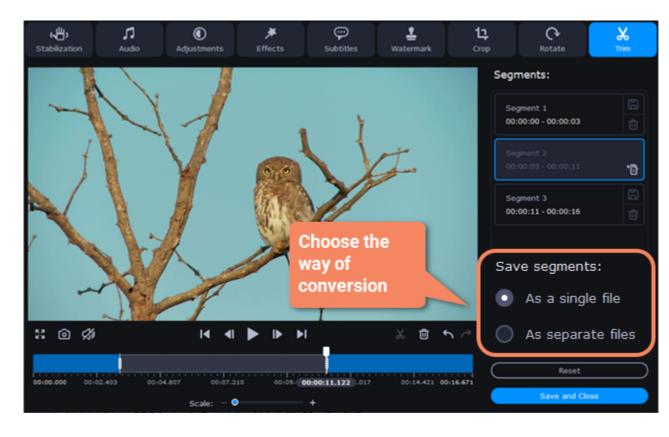
1. Move the position marker to the beginning of the segment and click the scissors button. *If you're trimming the file from the beginning or end, skip to the next step. You'll need a single cut for it.* 



Move the position marker to the end of the segment and click the scissors button again.
 Click on the fragment to select it and click the trash can button to remove it.



4. When you've removed all the parts you don't need, choose how you want to convert files. You can convert files as a single file, and the segments will be merged, or you can convert them separately.



5. Then, click **Save and Close** to close the editing window.

You can also save each file of the list by clicking the floppy icon

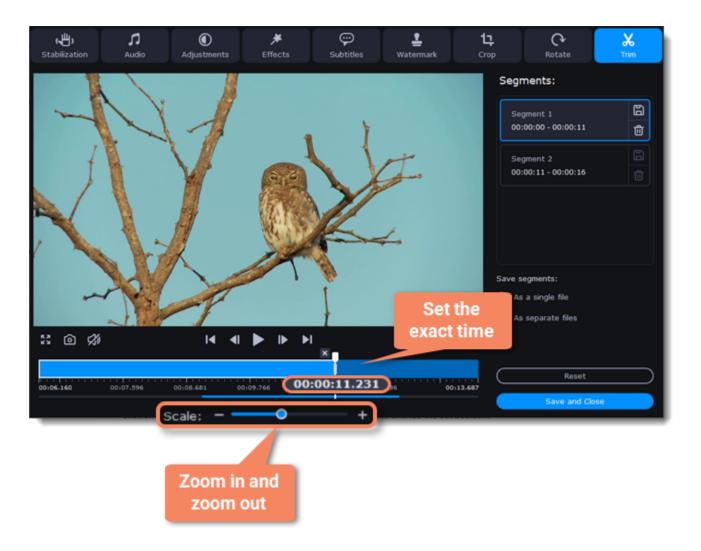
#### **Cancel trimming**

- If you want to delete a cut marker, click a cross icon  $\blacksquare$  near the marker.
- If you want to restore a deleted segment, click Restore 🖤 in the segment list.
- If you want to go back to the original length, click Reset on the Trim tab in the editing window.

#### **Precise positioning**

To set a cut marker more precisely:

- Click on a cut marker to select it and move it along the seek bar to change the cut position.
- Click the **Previous frame** or **Next frame button** to move the position marker by exactly one frame.
- You can also zoom in the Timeline or set the exact time of the cut.



# **Rotating video**

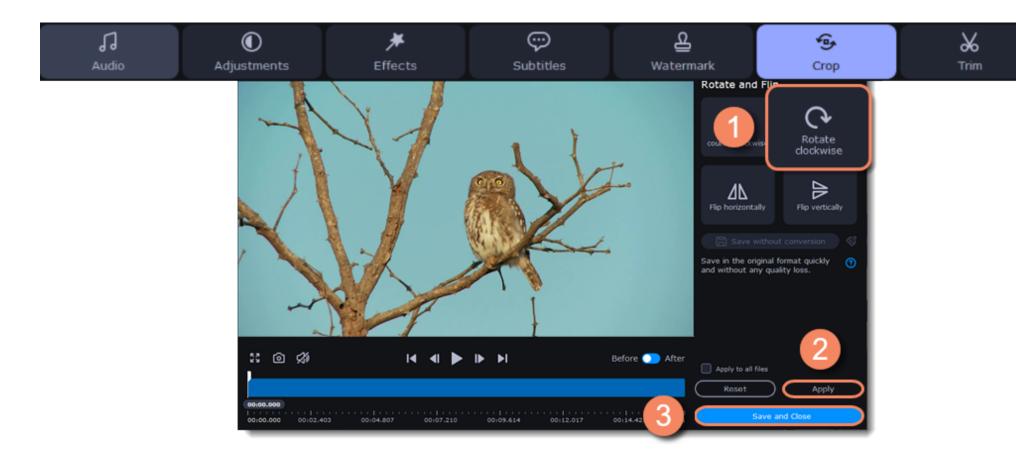
## Enter edit mode

Click the Edit button next to the file you want to rotate or select Rotate in the Tools tab.

+ Add Media	•		(	🗙 Edit	▼	s • < ?
Selected files: 1/1	• 0		🗅 Total size: 3 MB			
0 00100116	Owl in Tree.mp4		Owl in Tree.mp4	2	<b>Q</b> No subtitles	×
	🗅 змв	⇒>	3 MB (Original)		C AAC 3 Kbps Ste	🗙 Edit
	H.264 1280x720 1469 Kbps		>>>> SuperSpeed conversio	n supported	① Low volume	

## **Rotate or flip the file**

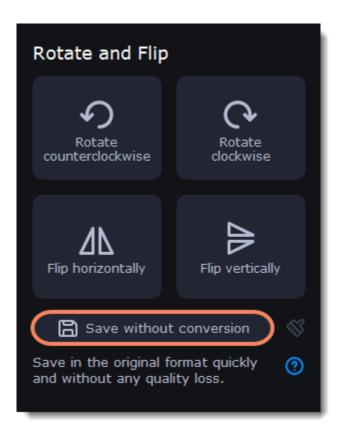
- 1. Click one of the buttons to rotate or flip the file. The rotation buttons will rotate the file by 90 degrees with each click.
- 2. Click **Apply** to confirm the changes. If you want to rotate or flip all of the files in the same way, select the **Apply to all files** option.
- 3. Finally, click **Save and Close** to close the editing window. Now, you can proceed to converting the files.



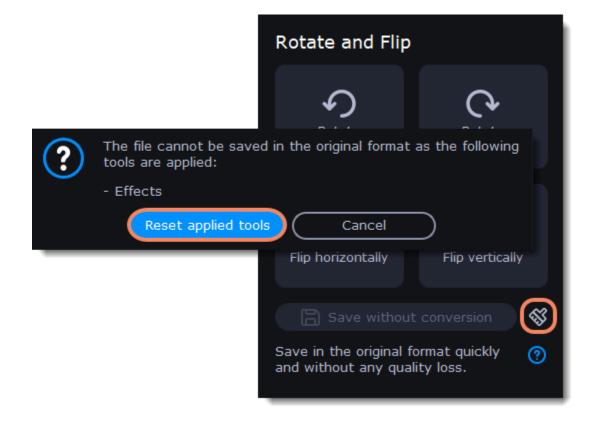
#### Saving without conversion

You can rotate a file and save it without conversion. The Rotate without conversion option is available only for MP4, MOV, M4V-files with no applied tools.

To do this, take the steps above to rotate a file and then click **Save without conversion** button. When the saving finished, click **Save and Close**.



If you have any tools applied, click the broom icon and then **Reset applied tools**. The **Save without conversion** button will be available.



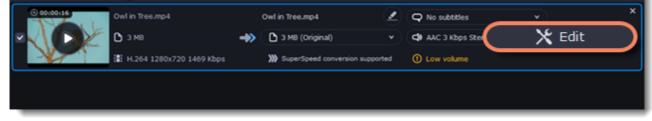
# **Cropping video**

Cropping a video can help you remove parts around the edges or fix the video's aspect ratio.

### Enter edit mode

Click the Edit button next to the file you want to crop or select Crop in the Tools tab.

+ Add Media •		X Edit	•	•	<	?
Selected files: 1/1	🗅 Total size: 3 MB					



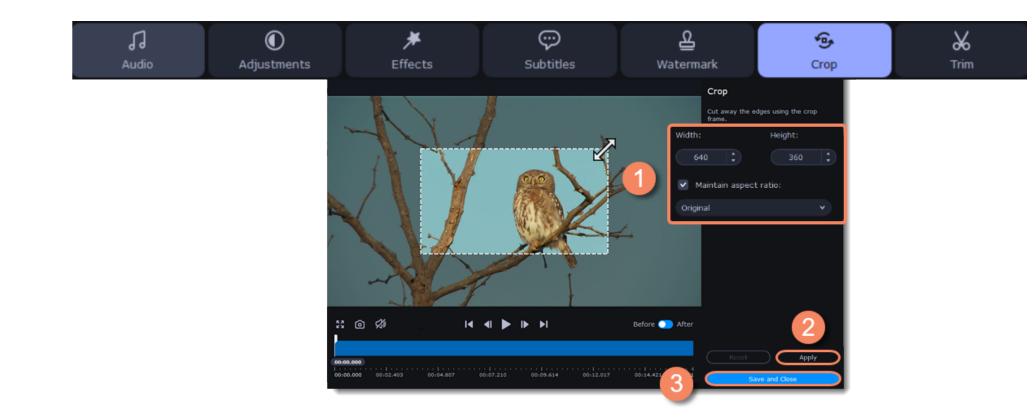
# **Crop your file**

1. Drag the edges of the frame to change its size, and drag by the center of the frame to move it relative to the entire video. • If you want a specific size, enter it into the **width** and **height** boxes.

• If you want to crop the video to a specific aspect ratio, make sure that the **Maintain aspect ratio** option is enabled and choose the proportions from the box below.

2. Click **Apply** to accept the changes.

3. Click **Save and Close** to close the editing window, and then convert the files for the changes to take effect.

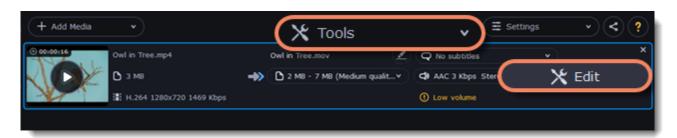


# Adding a watermark

Use the watermarking tool to overlay any text or image over your videos and images.

# Enter edit mode

Click the **Edit** button next to the file you want to apply a watermark to or select **Watermark** in the **Tools** tab.



# Apply the watermark

### Text watermark

- 1. On the Watermark tab, click the **Text** button.
- 2. Enter the watermark text into the box.
- 3. Click the buttons under the text box to change the font, text color, and outline color.
- 4. Move the **Transparency** slider to make the text more see-though.

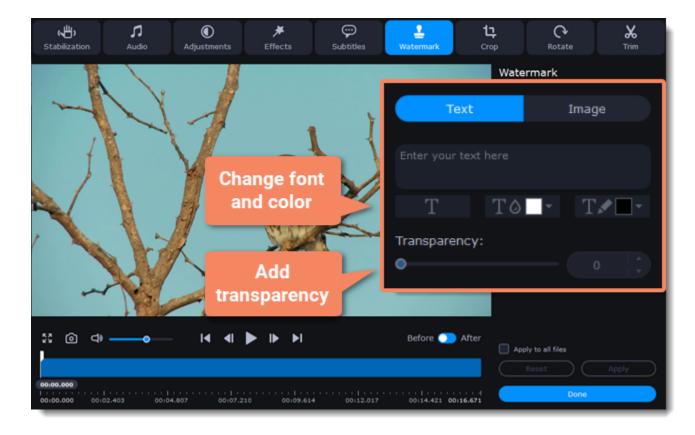


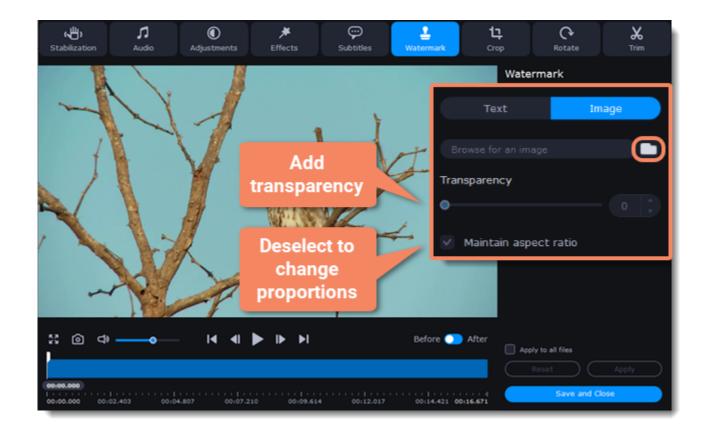
Image watermark

1. On the Watermark tab, click the **Image** button.

2. Click the folder icon **D** and choose the watermark image you want to use.

3. Move the **Transparency** slider to make the image see-through and less distracting.

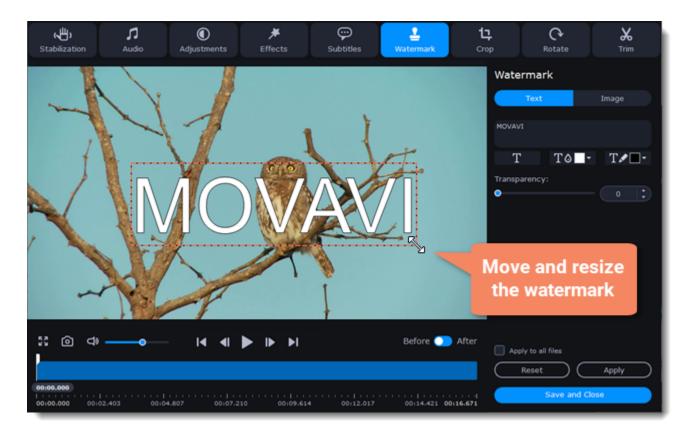
4. By default, the image will keep its original proportions. To change the proportions, deselect the **Maintain aspect ratio** option.



## Move the watermark

In the player, move the watermark to the necessary position.

- 1. Drag at the corners to change the size of the watermark.
- 2. Drag at the center to move the watermark.



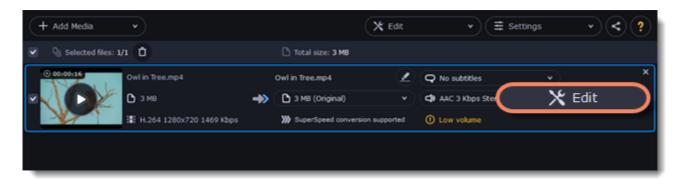
## Exit edit mode

Click **Apply** to accept the changes. If you want to batch-process your files, select **Apply to all files** to apply the same watermark to other files in the list.

# **Editing subtitles**

## Enter edit mode

Click the Edit button next to the file you want to overlay subtitles to or select Subtitles in the Tools tab.



### **Select subtitles**

You can choose soft or hard subtitles.

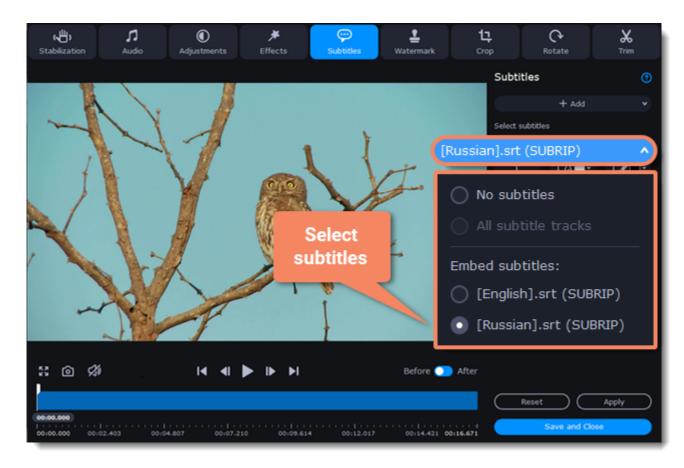
**Softsubs** are stored as a separate track and you can add several subtitle tracks to one file. All the subtitle tracks will be saved if you choose this option.

**Note**: Not all formats support softsubs. There are also less editing options: you can't change position and synchronize them with video. They are also not displayed in the preview window.

Hardsubs are permanently drawn on top of the video and cannot be turned off, but they are guaranteed to be visible in any player.

• If the subtitles are built into the file, select the necessary subtitles from the list.

If the subtitles are stored as an external file, click **Add** > **Choose file...** and open the subtitle file. You can use \*.*srt*, \*.*ass*, \*.*smi*, or \*.*ssa* subtitle files. Or you can <u>find them online</u>.



# Set up the subtitles

#### Subtitle encoding

If the subtitle text looks scrambled, try changing the subtitle encoding: open the list and choose the language or character set the subtitles should be in.

#### Position

Use the Position box to change where the subtitles appear on the screen:

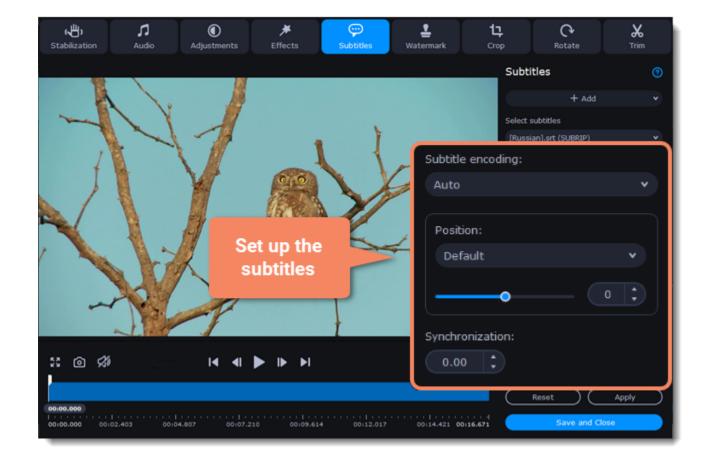
- 1. Open the **Position** box and choose which edge the subtitles should snap to (e.g. top or bottom).
- 2. Use the slider below to move the subtitles relative to the selected position.

#### **Synchronization**

If the subtitles are out of sync with the video, use the synchronization box to advance or delay subtitles by a specific time in seconds and milliseconds. Positive values make the subtitles appear later, and negative values make them appear earlier. *Example:* 

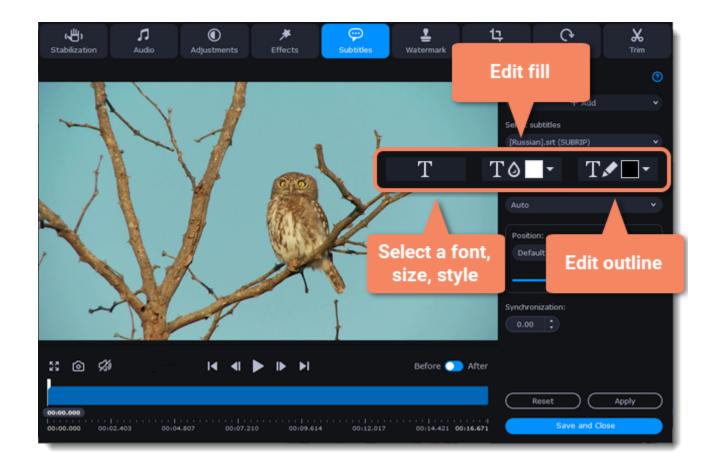
-0.100 – the subtitles will appear 100 milliseconds sooner.

1.200 – the subtitles will appear 1 second and 200 milliseconds later.



#### Edit the subtitle display

You can also change a font, its size and color, fill and outline. Find these settings under the selected subtitle track.



# Exit edit mode

Click **Apply** and then **Save and Close** to apply the changes. When you convert the video, the selected subtitles will be permanently shown over the video.

# **Adding effects**

You can add effects to your video. There are seven simple effects in Movavi Video Converter.

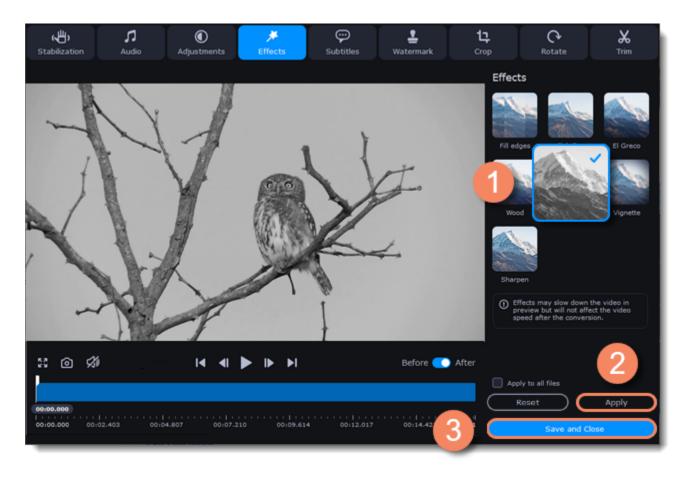
### Enter edit mode

Click the Edit button next to the file you want to apply effects to or select Effects in the Tools tab.

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H.264 1280x720 1469 Kbps		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	supported	① Low volume	

## **Apply effects**

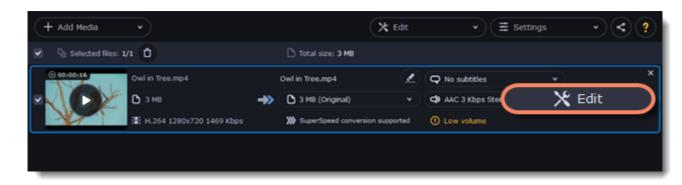
- 1. Click the preview icon to add an effect. You can apply several effects simultaneously.
- 2. Click **Apply** to accept the changes. If you want to batch-process your files, select **Apply to all files** to apply the same effects to other files in the list.
- 3. Finally, click **Save and Close** to close the editing window.



# **Adjusting colors**

## Enter edit mode

Click the Edit button next to the file your file and switch to Adjustments tab or select Adjustments in the Tools tab.



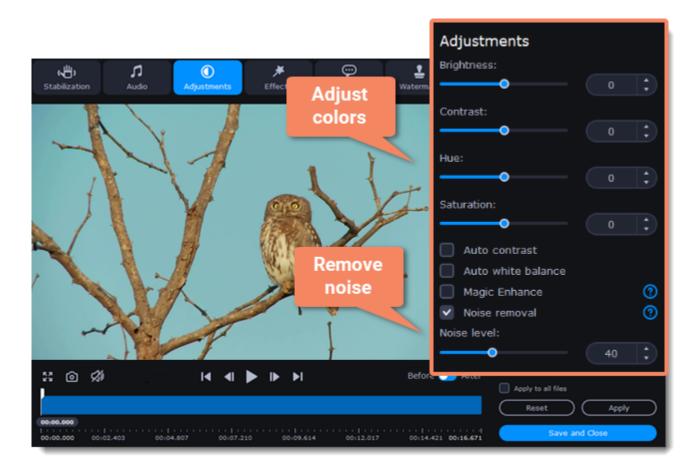
## Adjust the colors:

- 1. Drag the sliders to change the brightness, contrast, hue, and saturation of the photo and video.
- 2. Auto contrast option sets up brightness and contrast of a video or photo.
- 3. Use the Magic Enhance option the automatically fix the brightness, contrast, and saturation of the video or photo.
- 4. If the colors look unnatural, try the Auto white balance option.

## **Remove noise**

1. Move the **Noise level** slider to reflect the amount of noise you can see in the preview. The more noise you need to remove, the higher the Noise level.

2. Select the Noise removal option.



## Exit edit mode

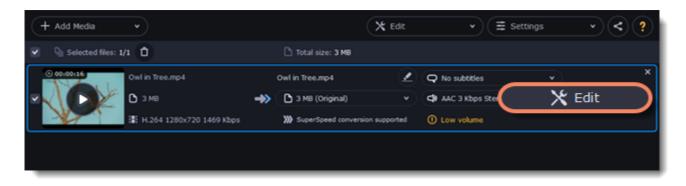
1. When you're satisfied with what you see in the preview, click **Apply**. To batch-process other files in the list with the same adjustments, select **Apply to all files**.

2. Finally, click **Save and Close** to close the editing window.

# **Adjusting audio**

# Enter edit mode

Click the Edit button next to the file your file and switch to the Audio tab or select Audio in the Tools tab.

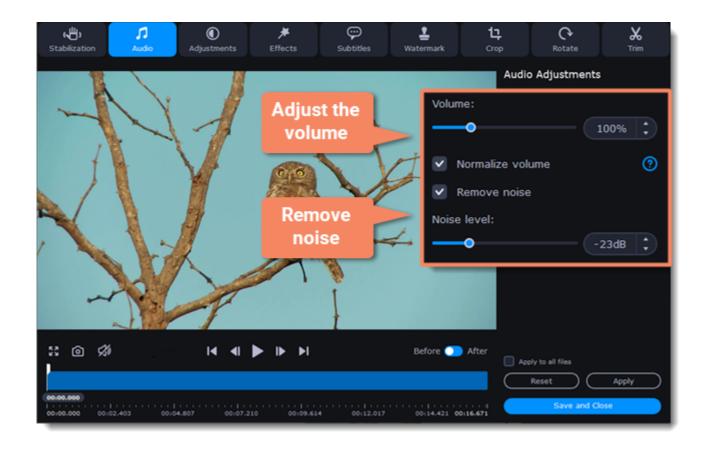


### Adjust the volume

To change the volume of the whole file, drag the Volume slider to the necessary level, where 100% is the original volume.
 If parts of the file are too quiet, select the Normalize volume option to make them louder.

## **Remove noise**

- 1. Select the **Remove noise** option.
- 2. Drag the Noise level slider to set the amount of noise you can hear in the file.



## Exit edit mode

1. When you're finished, click Apply to accept the changes. To fix the volume for all the files in the list, select Apply to all files. 2. If you don't need any further editing, click **Save and Close** to close the editing window.

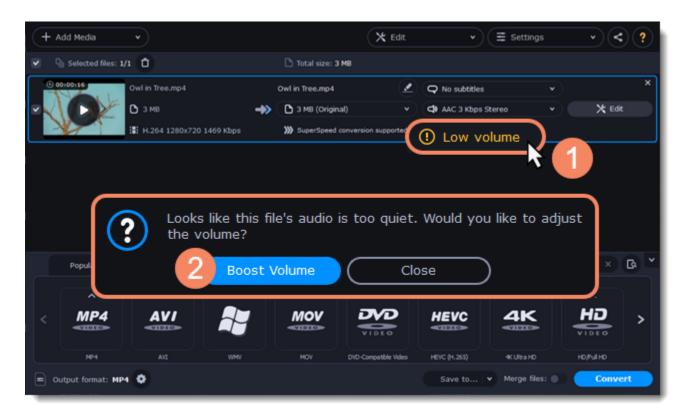
# Low volume detection

When you add files to the converter, it will check the volume of the files and recommend steps if the volume is too low.

## Find low volume files

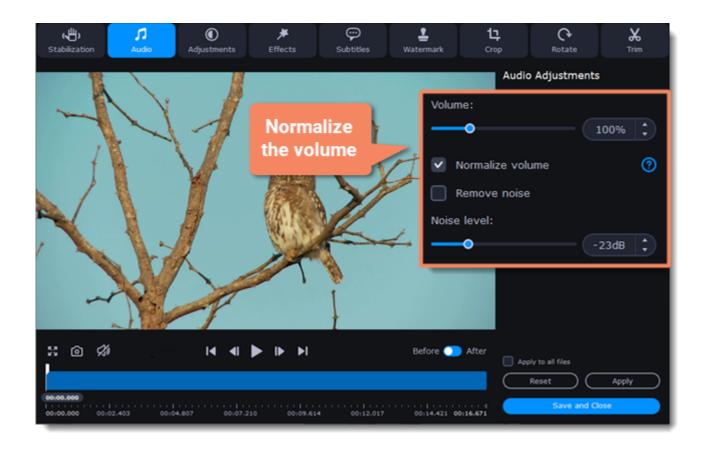
1. The converter will mark quiet files with the "Low volume" tag. Click the tag to see the recommended course of action.

2. A message will appear, recommending volume adjustment. Click **Boost Volume** in the message to open the audio adjustments.



## **Boost volume**

The Normalize volume option will already be selected for you. Play the file to check the new volume level. If you need more volume adjustment, use the Volume slider to set the necessary volume level. Click Apply once you're satisfied with the new volume.



When you're finished, click Save and Close to return to the main window.

# **Uploading files to iTunes**

Adding converted videos and music to your iTunes library will allow you to play them on any of your devices connected to the same iTunes account.

# **Before you start**

To upload files to iTunes, you will need iTunes 6.0 or higher installed on your computer. <u>Download iTunes</u>

# **Prepare the files**

- 1. Open the files you want to convert.
- 2. Choose an output format. Choosing output format
- 3. Edit the files. Editing media files

## **Choose iTunes uploading**

- 1. Click the the sharing button at the top of the window.
- 2. Select **iTunes** from the pop-up list.

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## **Convert files**

Click **Convert** to start processing your files. After conversion is completed, the files will be uploaded to your iTunes cloud storage.

iTunes® is a trademark of Apple Inc.

# **Accelerating conversion**

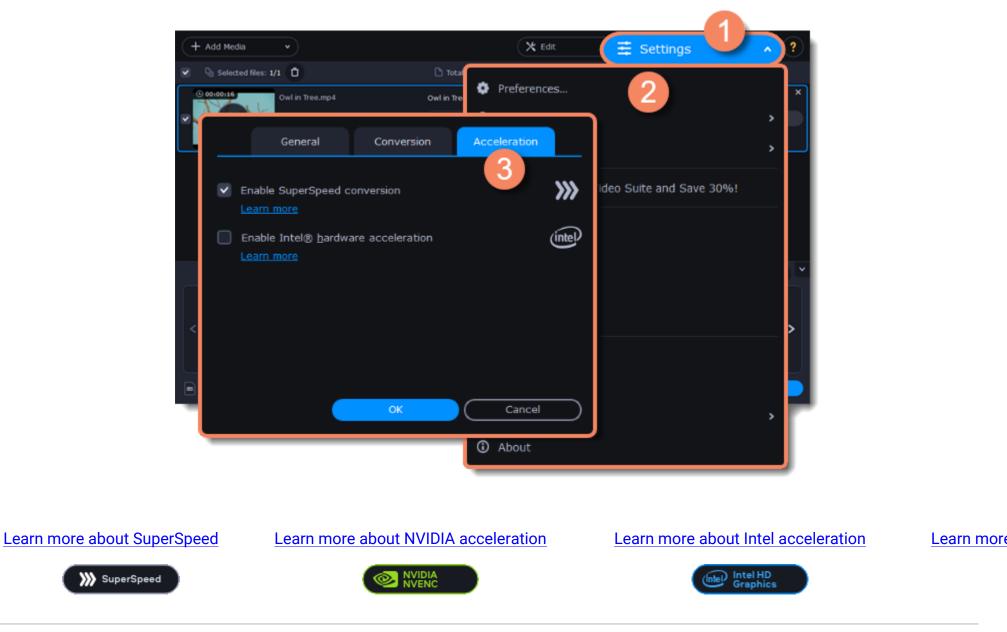
Here are some things you can do to convert videos even faster.

### Take advantage of your hardware

Movavi Video Suite is optimized for the latest hardware, allowing you to use your computer's full potential when converting videos.

# **Enabling acceleration**

To enable these acceleration options, click the **Settings** button in the converter window, and choose **Preferences** from the pop-up menu. In the preferences, switch to the **Acceleration** tab and select the available acceleration options.



Intel HD Graphics is a trademark of Intel Corporation. NVENC is a trademark of NVIDIA Corporation.

# SuperSpeed conversion

SuperSpeed mode allows you to convert video files much faster than usual without losing any quality. When you convert videos, encoding the video from one codec to another takes the most time. If you don't need to change the video codec or resolution, the video data can simply be copied to the new file, without having to convert it. This is also sometimes called *remultiplexing* or *remuxing*.

# When can it be used?

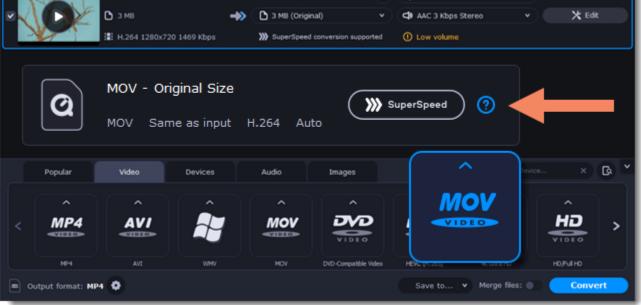
SuperSpeed mode can be used any time when the video stream in the output file is the same as the original:

- The output codec is the same as the video codec in the original file (e.g. when converting MKV files with the H.264 codec to MP4 files with the H.264 codec)
- The output resolution is the same as the original
- No video adjustments are used. This includes stabilization, video adjustments, denoising, subtitles, watermark, crop, and rotation.
- No video compression is used.
- You can still enjoy SuperSpeed conversion when trimming files.

## How to use SuperSpeed conversion

To use SuperSpeed conversion mode, choose output presets marked with the SuperSpeed badge:

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This can be a video format or a device preset that has the same codec and resolution as your original files.

# Intel® Hardware acceleration

If you have one of the latest Intel processors, you can use the built-in graphics chip to accelerate conversion of H.264 and MPEG-2 video.

## Intel hardware acceleration

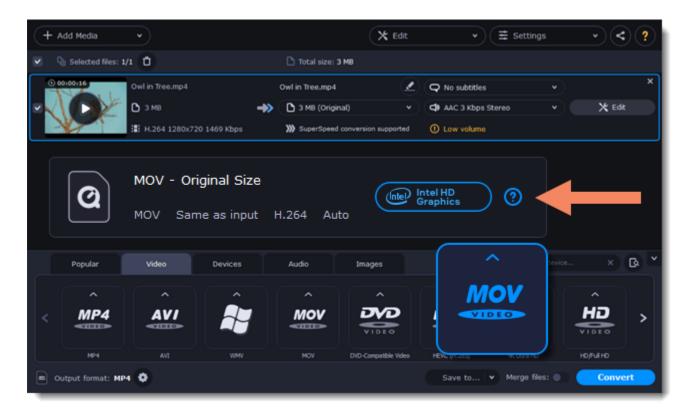
- Accelerates video processing by up to 400% when converting H.264 and MPEG-2 video codecs.
- This option is only available if your computer is equipped with an Intel processor that supports the Intel HD Graphics<sup>™</sup> technology.
- When choosing an output format, look for presets marked with the Intel HD GRAPHICS badge.

## **Compatible processors**

Intel hardware acceleration is available on Intel® Core<sup>™</sup> i3, i5, and i7 processor series. For a full list of processors that support integrated graphics, please consult <u>the Intel support center</u>.

## How to use Intel acceleration

You can enjoy Intel acceleration when converting videos to H.264 and MPEG-2 codecs. When selecting an output format, choose formats and presets marked with the **Intel® HD GRAPHICS** badge. Conversion to these output formats will be accelerated.



## **Troubleshooting:**

### Can't enable Intel hardware acceleration

If the Intel hardware acceleration option in Movavi Video Converter preferences is unavailable:

· Check that your processor is compatible with Intel hardware acceleration. To do that, open the Control Panel, go to System and

Maintenance, and choose System. Find the processor information and make sure that you have an i3, i5, or i7 Intel processor.

• Update the Intel processor drivers. You can find the newest version at Intel's official website <u>here</u>. We recommend only downloading drivers and other software from trusted sources.

• In order for the graphics acceleration to work properly, there needs to be a monitor connected to the graphics card port. Connect the monitor and make sure it is functioning properly, then try enabling Intel® hardware acceleration again.

### Problems while converting using Intel® hardware acceleration

If the video conversion process is taking longer than expected, or there are defects in the output video file:

- Try updating the processor drivers. You can find the newest version at Intel's official website here.
- Try disabling Intel acceleration in the preferences.

Intel HD Graphics is a trademark of Intel Corporation.

# **NVIDIA® Hardware acceleration**

If you have one of the latest NVIDIA® graphics cards, you can use its graphics processing power for converting videos. Using the graphics card instead of the processor leaves your CPU free for other tasks, and you can use your computer without stuttering while converting videos.

# **Convert using NVIDIA GPU**

• With this option enabled, your NVIDIA graphics card will be used for processing H.264 and MPEG-2 videos and they will be saved up to 50% faster.

• Because video processing is carried out by the graphics card, your CPU is free for other tasks, ensuring smoother performance in other programs.

• This option is only available if your computer is equipped with an NVIDIA graphics card that supports NVENC<sup>™</sup>.

• When choosing an output format, look for presets marked with the **NVIDIA NVENC** badge, depending on the acceleration technology supported by your graphics card.

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## **Compatible graphics cards**

NVIDIA acceleration supports GeForce, Tesla and Quadro graphics card series. You can find the full list of supported GPUs on NVIDIA®'s official site: <u>NVIDIA NVENC supported GPUs</u>

**Note**: NVIDIA acceleration does not support mobile graphics cards.

### Troubleshooting

How do I find out which GPU my computer has?

1. Right-click on your desktop and choose **Display settings** 

In the **Display settings** window that appears, click **Advanced display settings**. This will open your GPU's properties.

The Enable NVIDIA GPU Acceleration option is unavailable

If you can't enable NVIDIA acceleration, try updating your graphics card drivers. NVIDIA Download Center | Detailed Instructions

Problems while converting video with NVIDIA GPU acceleration

If the video conversion process is taking longer than expected, or there are defects in the output video file:

- Try updating the graphics card driver. Detailed instructions
- Try disabling NVIDIA GPU acceleration on the Acceleration tab of the preferences.

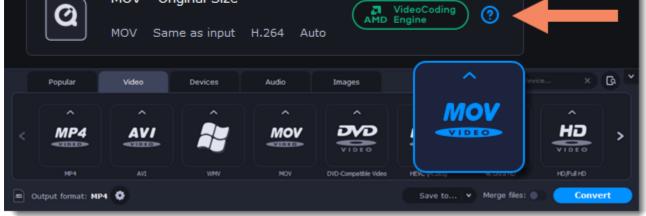
# **AMD Hardware acceleration**

If you have one of the latest AMD graphics cards, you can use its graphics processing power for converting videos. Using the graphics card instead of the processor leaves your CPU free for other tasks, and you can use your computer without stuttering while converting videos.

### **AMD hardware acceleration**

- Accelerates video processing by up to 2,5x when converting to H.264 video codec for heavy files.
- This option is only available if your computer is equipped with AMD graphics card that supports the Video Coding Engine technology.
- When choosing an output format, look for presets marked with the AMD Video Coding Engine badge.

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: H.264 1280x720 1469 Kbps	SuperSpeed conversion	upported ① Low volum	ne	
MOV - Original S	ize			



#### **Compatible graphics cards**

When using the H.264 codec, acceleration will work with graphics cards released after April 2014.

#### Troubleshooting

How do I find out which GPU my computer has? 1. Right-click on your desktop and choose **Display settings**  2. In the **Display settings** window that appears, click **Advanced display settings**. This will open your GPU's properties.

## The Enable NVIDIA GPU Acceleration option is unavailable

If you can't enable NVIDIA acceleration, try updating your graphics card drivers. <u>AMD Driver Download Center | Detailed Instructions</u>

#### Problems while converting video with AMD acceleration

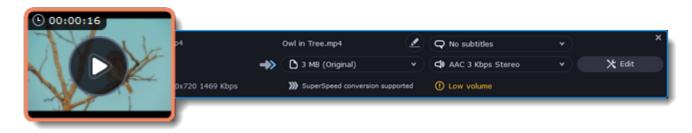
If the video conversion process is taking longer than expected, or there are defects in the output video file:

- Try updating the graphics card driver. <u>Detailed instructions</u>
- Try disabling AMD acceleration on the <u>Acceleration</u> tab of the <u>preferences</u>.

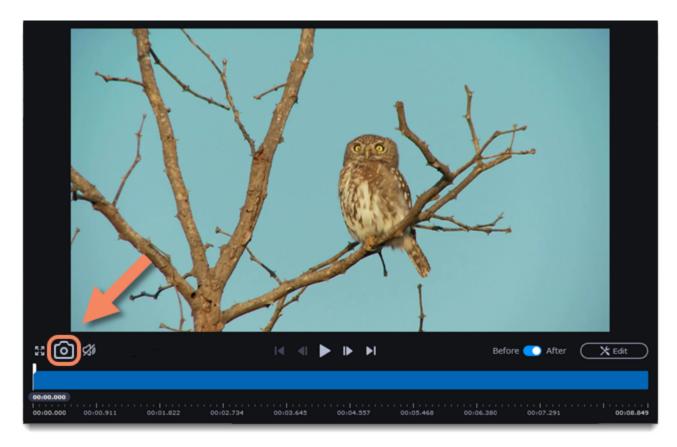
# Taking a snapshot

To save a single frame from the video:

1. Click the **Play** button on the video's thumbnail in the list to view the original file.



2. In the player window, move to the frame you want to save and click the **Take a Snapshot** button.

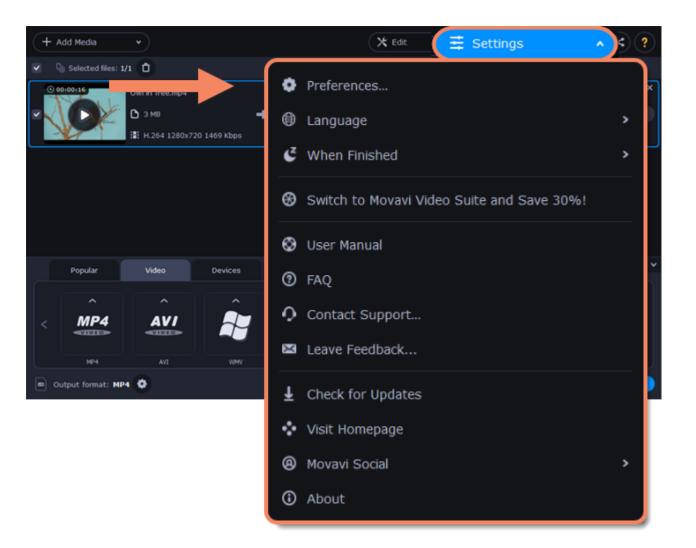


3. A **Explorer** window will open. Choose where you want to save the snapshot and click **Save**.

The snapshot will be saved with the original video's size and quality.

# **Movavi Video Converter Settings and Preferences**

To open the converter preferences, click the **Settings** button at the top of the window to open the settings menu. There, click **Preferences**.



The preferences are organized into tabs at the top: General, Conversion, and Acceleration. Click the related tab to find the preferences you need.

<u>General preferences</u> <u>Conversion preferences</u> <u>Acceleration preferences</u>

# **General preferences**

On the General tab of the preferences, you can choose the interface language and control how the application behaves.

**Automatically check for updates** – select this option and you'll be notified whenever a new version is available. Updates within your version are absolutely free (e.g. 1.0 to 1.1), while new releases are offered with a hefty discount to registered users.

**Send anonymous usage stats to Movavi** – checking this box will allow the program to send usage statistics to our development team, enabling us to fix any bugs you may encounter much faster, as well as add new features that you might be missing. The data contains no personal information, will be used for software improvement purposes only, and will not be disclosed to third parties. <u>Read our Privacy Policy</u>

**Recommend output format for connected devices** – when you connect a smartphone or tablet, the program will detect the device and recommend the optimal format for watching videos on it. <u>Learn more</u>

**Use software OpenGL implementation** – this option can be useful if your computer doesn't support the necessary OpenGL version and you see an error message when you start the program.

OpenGL is a software interface that manages graphics output. Usually, OpenGL is handled by your graphics card driver. However, some graphics cards do not support the necessary version of OpenGL. For these graphics cards, you can use this option to download and install a software replacement. Installation will run automatically, but you will need an Internet connection to download the files.

If the program works without showing an OpenGL error message, this option is not recommended. Learn more about OpenGL troubleshooting

	General	Conversion	Acceleration	
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	Use software OpenGL	implementation		
	Save extended logs fo	or troubleshooting		
~	Show tutorial panel			
		ОК	Cancel	$\supset$

# **Conversion preferences**

On the **Conversion** tab of the preferences, you can manage how files are converted.

Under Output file name, you can choose what happens if a file with the same name already exists in the output folder:

- Overwrite existing file: the old file will be permanently replaced with the newly converted file.
- Automatically rename files: new files will be automatically renamed, and both files will be preserved.

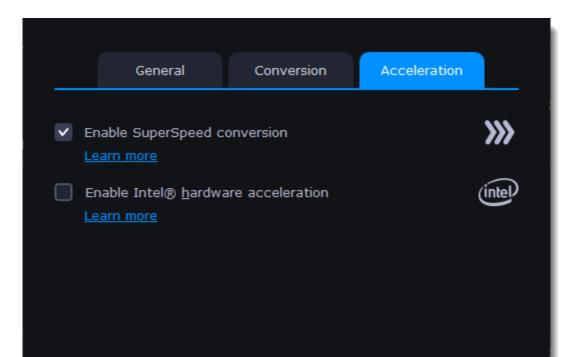
Under After conversion, you can choose what happens when conversion is finished:

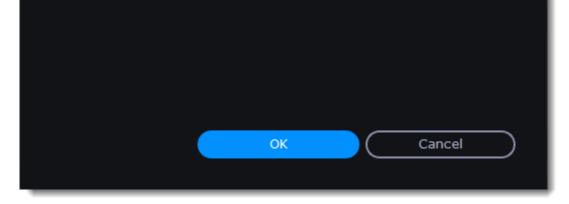
- Open output folder: shows the converted files in the output folder.
- Play notification sound: the program will notify you when it has finished converting your files.

General     Conversion     Acceleration   Output file name:       Overwrite existing file   • Automatically rename files       After conversion:   • Open output folder       • Play notification sound   OK Cancel					
<ul> <li>Overwrite existing file</li> <li>Automatically rename files</li> <li>After conversion:</li> <li>Open output folder</li> <li>Play notification sound</li> </ul>		General	Conversion	Acceleration	
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# **Acceleration preferences**

On the **Acceleration** tab of the Preferences, you can accelerate conversion using the latest technologies. You can find out more about each acceleration method in the <u>Accelerating Conversion</u> section.





## Troubleshooting

If acceleration options are unavailable:

• Your computer might not have the right hardware.

• If you're sure that your hardware meets the requirements, try updating your drivers. You can always find the newest version on the manufacturer's website: Intel Download Center | NVIDIA Driver Downloads

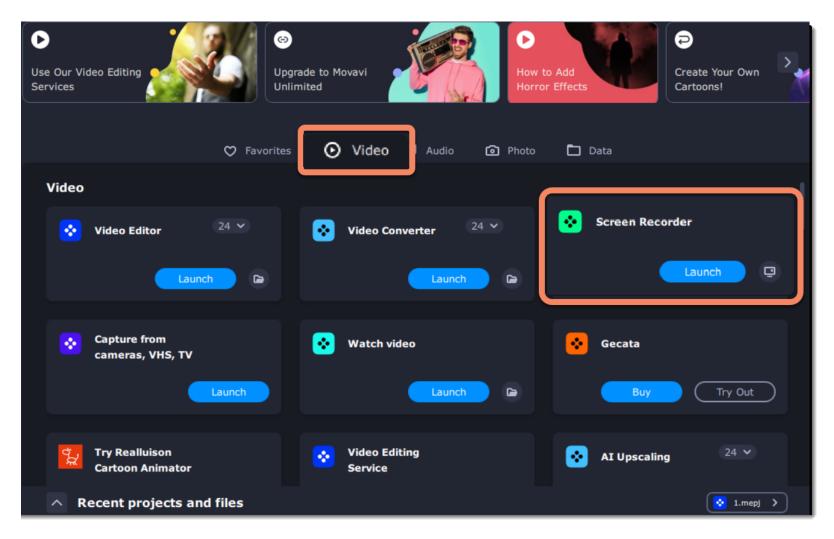
Intel HD Graphics is a trademark of Intel Corporation.

# **Record computer screen with Screen Recorder**

With the screen capture program, you can record any part of your screen with audio and save the resulting video in any format you like.

Firstly, go to the Video tab. Then click Screen Recorder to launch the screen capture program and set up your capture preferences.

If you launch the program for the first time, it will record full screen by default. If you have recorded something before, the program will start recording the last selected area.



### Don't know where to start?

Read these tutorials:

### Recording screen

Capture any fragment of your screen or the full desktop.

## **Scheduling recordings**

Record screen while you're away from your PC.

## Recording only audio

Record any sound from a device or music on your computer.

### Taking screenshots

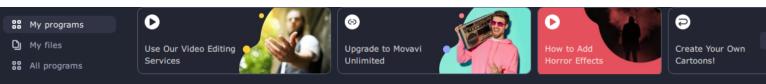
Take, edit, and share screenshots in a couple clicks.

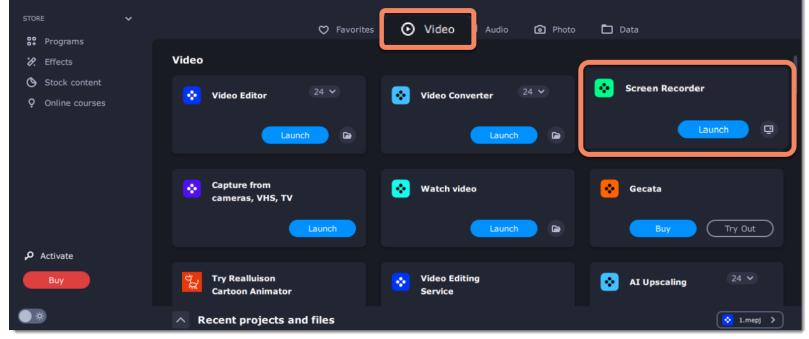
# How to open the capture module

To open the screen capture module:

# From launch module

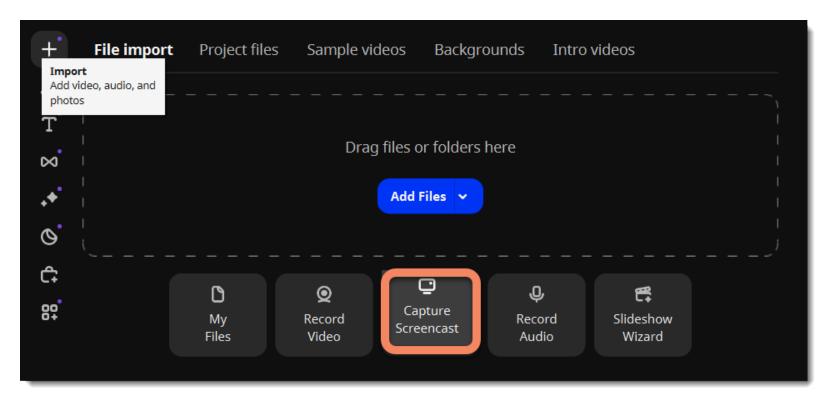
In the Movavi Video Suite launcher, go to the Video tab. Then click Screen Recorder to launch the screen capture program.





# **From Video Editor**

If you want to add a captured video to your movie, click the **Capture Screencast** button on the **Import** tab in the video editing module. The capture module will open. The recording will be added to your project in Video Editor right after you stop recording.



# **Control panel**

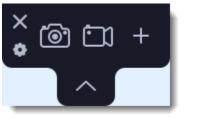
The compact control panel is the first thing you see when you launch Movavi Video Suite. The panel provides you with quick access to all basic tools without blocking the content on your screen.

By default, the panel will be located at the right side of your screen, but you can pin it to any side you like.

Note that the panel **cannot** block the Windows taskbar (located below by system default).



Right border position (default)

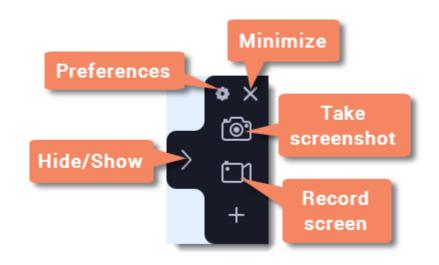


Upper border position



Left border position

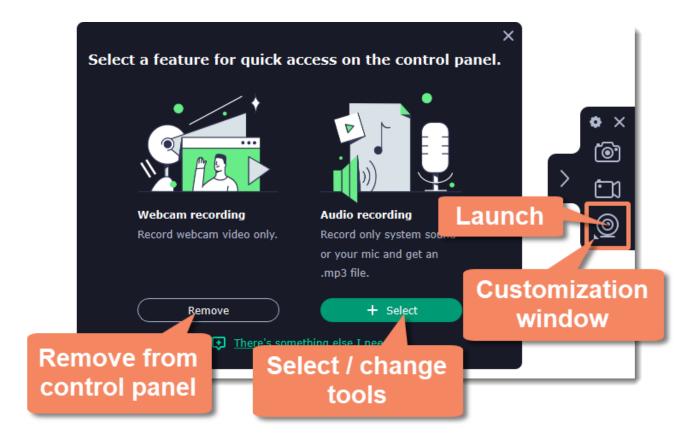
- Click either of the camera buttons to start the **area selection** tool: 🙆 to take a screenshot, 💷 to record screen.
- Click the cogwheel button to open Preferences.
- Click ≥ to hide the panel. Click ≤ to show it again.
- Clicking 🔀 will **minimize** the program to notification area. You can access the program from the notification area menu.



# Widget management

You can also add one other tool to the control panel for quick access: audio recording or webcam recording.

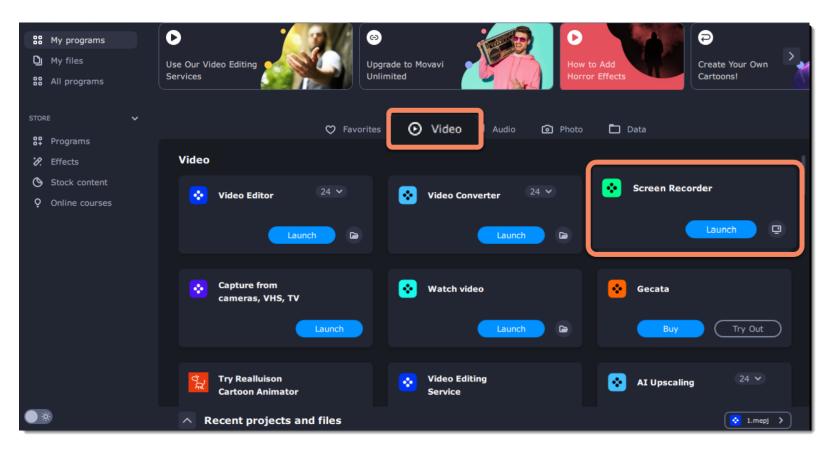
- **1.** On the control panel, click the plus button **t** to open the **customization window**.
- 2. Click Select below the tool you need on the control panel. Its icon will appear on the control panel instead of the plus.
- 3. To launch the tool, click its button.
- To change the quick access tool, click the arrow beside its icon and click **Select** below a different tool.
- To remove a quick access tool, click **Remove** in the customization window.



# **Recording video from screen**

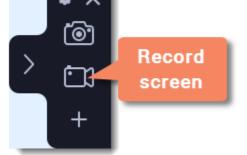
## Launch Screen Recorder

- 1. Open Movavi Video Suite and go to the Video tab.
- 2. Then click Launch on the Screen Recorder tile to launch the screen capture module. Here you can set up the capture area.



# Step 1: Set up the capture area

1. Click the **camera** button on the control panel or press F10. The area selection tool will start.



**2.** Select the part of the screen that you want to record:

- Click and drag on the screen to select the capture area.
- To record a window or a window panel, hover your mouse pointer over it and click once a frame appears around it.
- To record the full screen, press Space or click in any part of your screen (make sure no windows are selected!).

To adjust the area, use the orange markers on the frame to drag it or put the exact size in pixels on the panel above.



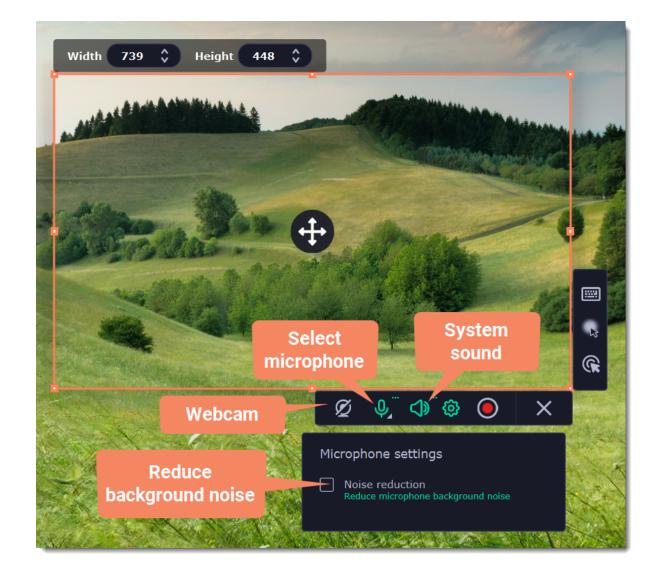
# Step 2: Set up the sound and webcam

By default, only the system sound recording is on. To enable webcam and microphone recording, click the corresponding icons:

- 🖉 🧕 Webcam off/on
- ☑ ☑ Microphone audio recording off/on
- 🐼 🗇 System audio recording off/on

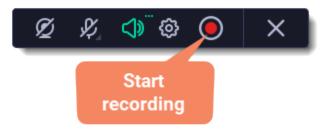
If you have more than one microphone connected, select the one you need from a list next to the mic icon.

To remove extraneous sounds, click the cogwheel button 🕸 and enable the **noise reduction** feature. It's handy if you're recording audio in a noisy place.



### Step 3: Start recording

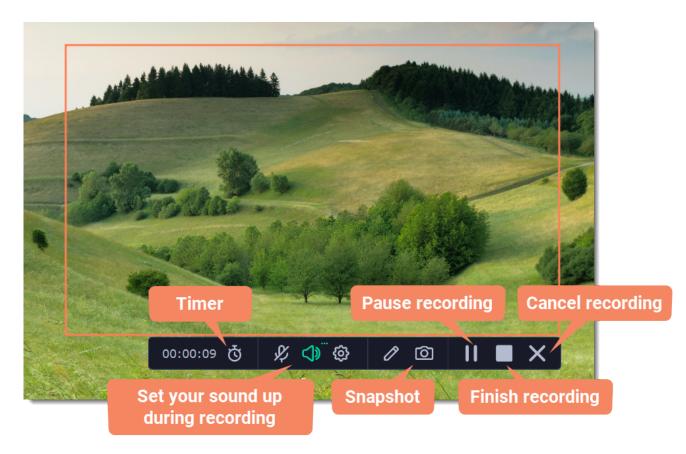
When you're ready to begin, click the **REC** button. You will be given a 3-second countdown before the recording begins.



Use these keyboard shortcuts to control the recording process:

- **F9** pause the recording
- F10 end capture and save the recording
- F8 take a snapshot of the capture area

Tip: these are the default hotkeys. You can change them in the Keyboard Shortcuts section of the Preferences.



## Timer

Set time limit for recording and it will stop automatically once the time is up. This way, you don't have to wait around for the video to end.

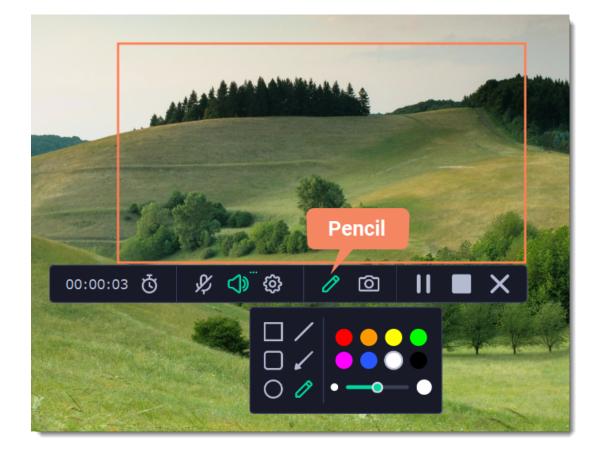
- 1. Click the **timer** button **O**.
- 2. Set duration by entering the time limit as hours:minutes:seconds.
- 3. Choose what happens after capture.
- Learn more: <u>Timer</u>

Making notes and drawing shapes on video

Mark important parts during recording – use the Pencil tool to draw or add tidy-looking pointers and other shapes in the middle of your recordings.

1. Click the **pencil** button *A*, select the tool, line color and width and draw or add shapes using your mouse cursor. The marks will disappear 5 seconds after you stop drawing and will remain on the finished video.

2. Note that when in pencil mode, all other actions are blocked. Clicking anywhere on the screen will put a dot in the spot. To exit the pencil mode, click the pencil button again.



When you're ready to finish your recording, click Stop on the recording panel or use the F10 keyboard shortcut.

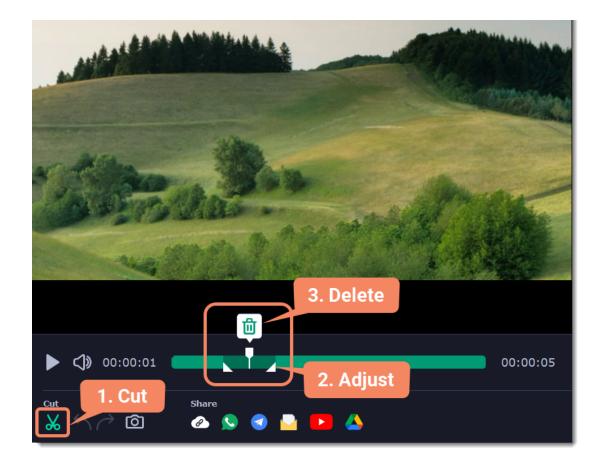
## Step 4: Edit the recording (optional)

When you finish recording, the capture editing window will open. Your video is ready and saved in MKV format, but you can preview it, edit, or export it to a different format.

## Cutting the recording

To cut out a fragment:

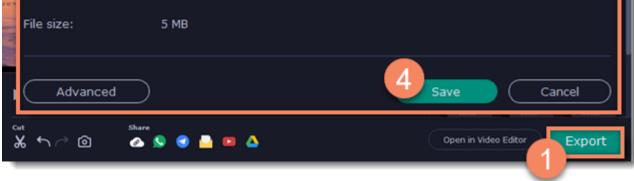
- 1. Place the position marker around the unwanted fragment and click the scissors icon.
- 2. Move the cut markers to adjust the fragment exactly as you want.
- **3.** Click the **trash can** button.



### Saving the edited recording

- To save the trimmed version, or to change the format of your recording:
- **1.** Click the **Export** button. The output options will open.
- 2. Choose a name and location for saving the video.
- 3. Choose a format for saving your video.
- 4. Click Save to start processing your recording.

	File name:	ScreenRecorderProject15		.mp4	
	Save to:	E:\Temp\Videos	$\cdot$	Brow	se
	Format:	MP4 (H.264, AAC, Same as input)	$\cdot$		
	Quality:				
-	SuperSpeed:			17	Super Speed
	Resolution:	740x540			



nal information.

# **Recording audio only**

Besides screen activity, you can just as easily record online music, radio, podcasts, and voice input as standalone audio files.

## Step 1: Launch the audio recording tool

1. On the <u>control panel</u>, click the plus button to open the **customization window**. Click **Select** below "Audio Recording" to add it to the control panel.

# **2.** Click the **microphone** button **I** to start the widget.



## Step 2: Set up the audio

On the recording panel, choose which audio sources you want to record from:

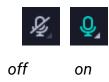
#### **Recording system sounds**

To record music, online videos, and any other sounds playing on your computer, click the **system audio** button.



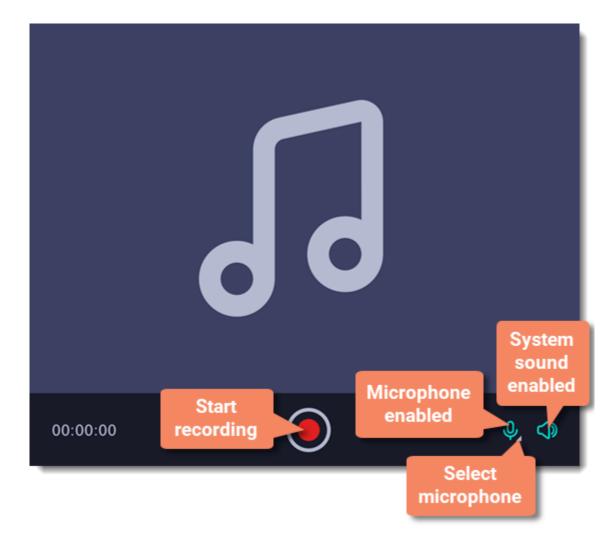
### Recording microphone audio

To record sound from a microphone or any other recording device connected to your computer, click the **microphone** button. If you have more than one recording device, click the arrow next to the button and select the device you want to record from.



## Step 3: Record the audio

Click **REC** when you're ready to begin recording. You will be given a 3-second countdown before the recording begins.



To end the recording, press **Alt+F10** or click **Stop D** on the recording panel.

### Step 4: Save audio file

When the recording is finished, the capture editor window will appear. Your audio is ready and saved in MP3 format, but you can play it, <u>cut</u> <u>out unwanted fragments</u> or export to a different format:

- **1.** Click **Export** to open the exporting options.
- 2. Open the list of formats and select a format you need.
- 3. Click Save to start processing your recording.

	File name:	TheAudio		.mp3
	Save to:	E:\Temp\Videos	•	Browse
	Format:	MP3 (MP3, Auto) 2	•	
	Quality:	Smaller O	Better quality	
	SuperSpeed:			
11 12	Resolution:			
(NAM)	File size:	1 MB		
I	Advanced	3.	ave	Cancel
0 20		• • • • •	Open in Video	Editor

## **Troubleshooting audio**

#### My device is not available in the list.

If you don't see the device you want to use in the list, it may be disconnected or disabled in system settings.

**1.** Try re-connecting the device.

**2.** If that didn't help, right-click the sound icon in the Windows notification area and choose **Recording Devices** from the pop-up menu. The Sound settings window will open.

**3.** Look for your device in the list:

• If the device is working correctly, it should be marked with a green checkmark.

• If you cannot find the device in the list, right-click anywhere in the list and make sure that the options **Show Disabled Devices** and **Show Disconnected Devices** are selected.

• If you still cannot find the device, download a driver for this device from the manufacturer's website and install it. This should help your system detect the device.

4. Try enabling the device:

• If the device is listed as **Not Plugged In**, try plugging in the device again.

If the device is listed as **Disabled**, right-click the device and choose **Enable**.

# **Recording webcam only**

You can record your webcam footage without recording screen activity.

## Step 1: Launch the webcam recording tool

**1.** On the <u>control panel</u>, click the plus button **t** to open the **customization window**. Click **Select** below "Webcam Recording" to add it to the control panel.

2. Click the webcam button 2 to start the widget.





## Step 2: Set up the webcam

**1.** Right-click the Movavi Screen Recorder icon 🖸 in the notification area and select **Preferences**. In Preferences, go to the <u>Webcam</u> tab.

Show	
Take a Screenshot	F8
Set Up and Start Recording	F10
Audio Recording	Alt+F10
Webcam Recording	Alt+Shift+F10
Preview Saved Files	
Preferences 3	Ctrl+P
Help	•
Quit	Alt+F4
	-
1へ 記 (1) ENG	17:39 06.10.2020

2. Under Use this webcam, choose the webcam device that you want to use and check that its preview appears on the right.

**3.** Set up the video options for this webcam:

• Click the **Settings** button to set up your webcam's options such as brightness, contrast, and exposure. Note: webcam settings are different for each model.

• Choose the **resolution** that you would like to use. The higher the resolution, the higher the webcam video quality will be. However, if the webcam video is small, you may not need a very large resolution.

• For the best quality, use the highest **frame rate** that your webcam can provide for the best quality. If your webcam is mostly static or if you want a smaller file size, you may want to use a lower frame rate.

4. Click **OK** to save the webcam preferences.

General 2	Use this webcam:
	GENERAL WEBCAM
Files	Resolution:
Keyboard Shortcuts	720 x 480    ▼
	30 V Settings
Video	Webcam shape:
Webcam	<ul> <li>Rectangle</li> <li>Circle</li> </ul>
Effects	Show webcam preview during recording
Scheduler	
Sharing	OK Cancel



For screen recordings, where the webcam video is added as an overlay, you can set up the size and position for your webcam:

**1.** Hover over the webcam overlay and select the preferred size on the panel below.

2. Drag and drop the webcam overlay to the desired corner of the capture area.

You only need to do this once. Enabling webcam recording, both as an overlay and standalone, will automatically use these settings. You can change them anytime.

## Step 3: Set up sound

Next, choose the audio sources that you want to hear on your recording:

#### System sounds

To record music, online videos, and any other sounds playing on your computer, click the system audio button.



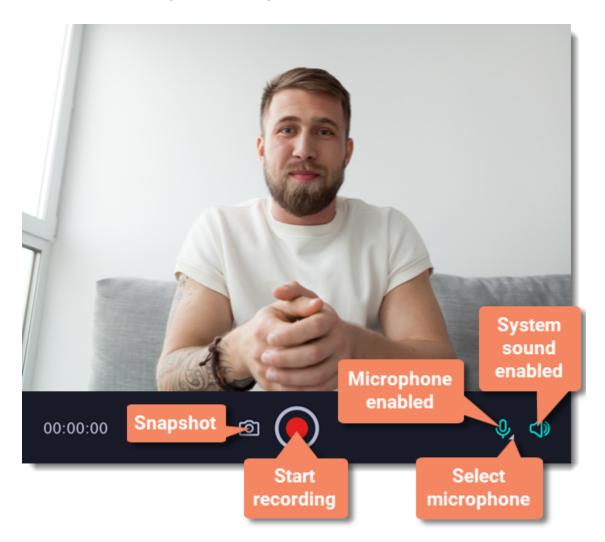
## **Microphone**

- You can record audio from your webcam's built-in microphone, or use an external microphone for better sound quality:
- 1. Click the Microphone button to enable recording from external devices.
- 2. Click the arrow above and choose the microphone you want to use from the list.



# Step 4: Record your video

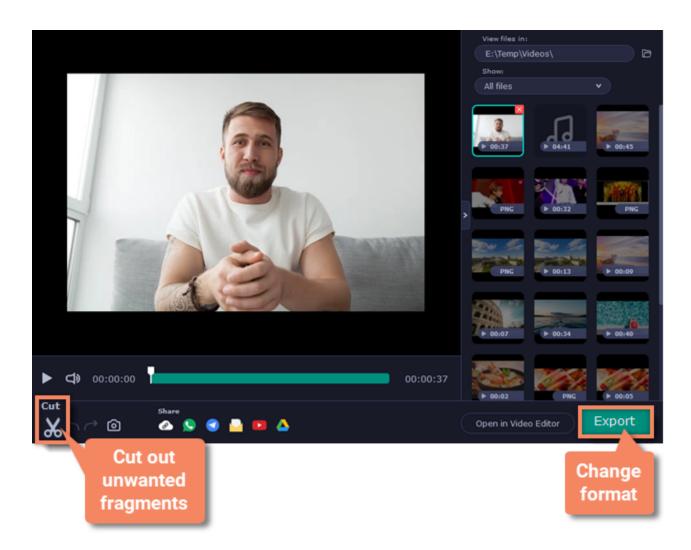
When you're ready to begin, click **REC** to start recording. You will be given a 3-second countdown before the recording begins.



To finish the recording, press **Alt+Shift+F10** or click **Stop** on the recording panel.

# Step 5: Edit and export

When you finish recording, the capture editing window will open. Your video is ready and saved in MKV format, but you can preview it, edit, or export it to a different format.



To <u>cut</u> or trim the video, use the **scissors** button on the toolbar. If you've trimmed the file or if you want to save your recording in a different format, click **Export**.

# **Mouse cursor effects**

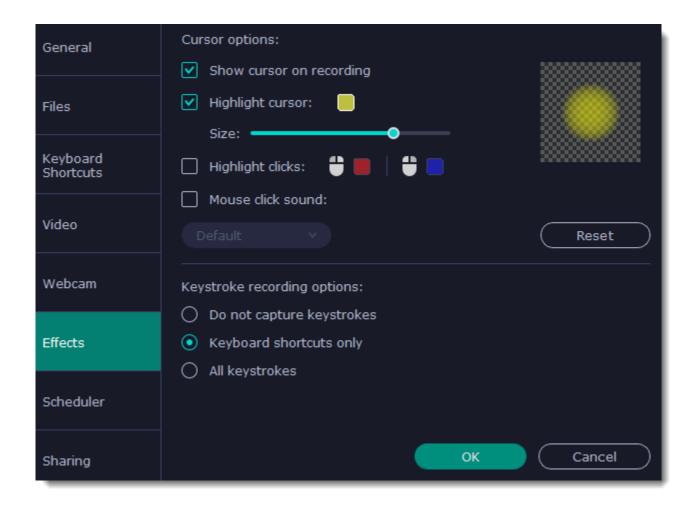
Using mouse effects, you can use the mouse as a pointer and show your viewers where to click. You can enable mouse cursor effects on the effects panel:



By default, the cursor will be highlighted yellow and the mouse clicks red and blue for left and right mouse buttons respectively. However, you can set up the effects the way you like.

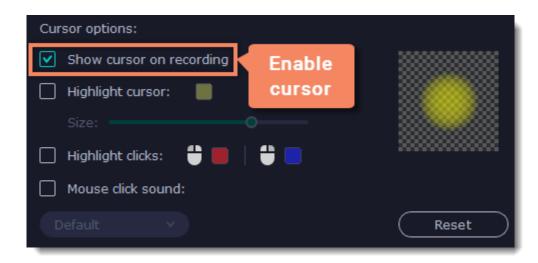
## Step 1: Open the mouse cursor options

On the control panel, click the cogwheel button to open Preferences.
 In the Preferences window, switch to the Effects tab.



### Step 2: Enable the cursor

Select Show cursor on recording. This will make the cursor visible on recordings. To make the cursor invisible, disable this option.



### Step 3: Highlight cursor actions (optional)

To make the cursor visible even better, you can highlight it or enable a special effect for clicks.

#### **Highlight cursor**

A semi-transparent circle will appear around the cursor, making it easier to track.

- 1. Select the Highlight cursor option.
- 2. (optional) The default highlight is yellow. To change the highlight color, click the square on the right and pick the new color.
- 3. (optional) Use the Size slider to make the highlight smaller or larger. The cursor itself will remain the standard size.

Hover your mouse over the square on the right to preview the highlight.

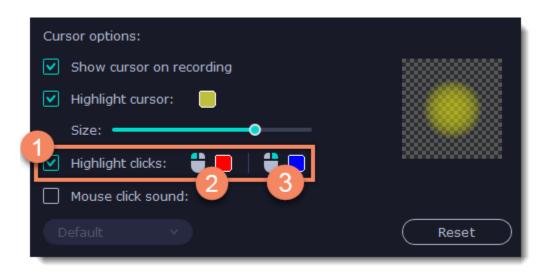


#### **Highlight clicks**

Concentric circles will appear for every click, color-coded for two mouse buttons.

1. Select the Highlight clicks option.

- 2. (optional) Click the left square to set the color for the left mouse button.
- **3. (optional)** Click the right square to set the color for the right mouse button.



## Mouse click sound

A clicking sound will play whenever you click the mouse.

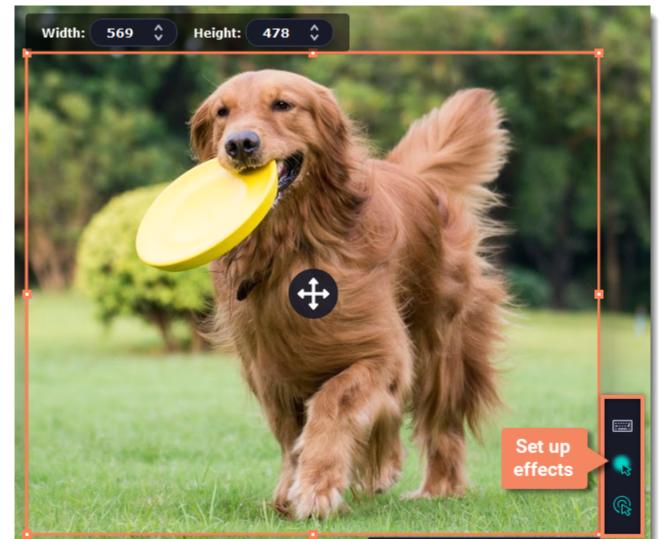
1. Enable the Mouse click sound option.

**2. (optional)** The default clicking sound has already been selected for you. If you want to use your own sound, open the drop-down box and choose **Add sound**. Then, open the sound file that you want to use.

You can use WAV, MP3, AIFF, and AU files.

# **Recording keystrokes**

If you're making a tutorial that uses keyboard shortcuts, it's helpful to display them on screen for your viewers. Enable keystroke recording to show the keys you pressed at the bottom of the video.





1. On the effects panel, click the **keyboard** button **E**.

**2.** To enable keystroke recording, select one of the options:

• All keystrokes – each key you press will appear on screen, including letters and numbers.

• **Keyboard shortcuts only** – only key combinations such as *Ctrl+C* or *Shift+Control+Esc* will show up on screen. Letters and keys that do not cause an action will not be displayed.



To turn off keystroke recording, click the keyboard button again.

Tips:

• Avoid entering any passwords or other sensitive information while you're recording a video with keystroke recording: if you share the video, your viewers will be able to see each character you type.

• Keyboard shortcut recording does not work with the Windows key.

# Scheduling

Any recording can be scheduled for a later time. You can use this to automate your recordings or capture late-night webinars.

## Step 1: Set up your recording

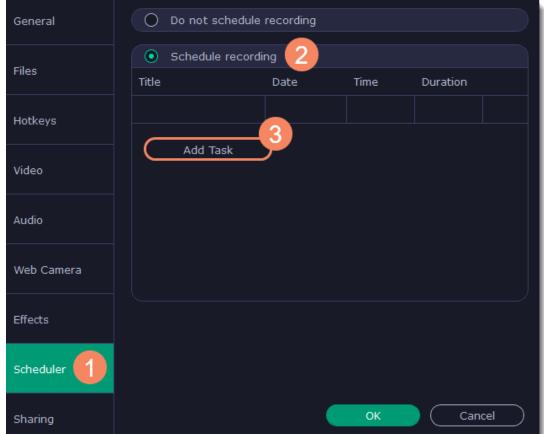
Scheduled recordings will start with the currently selected options (system sound, webcam, etc.) Before scheduling the recording:

1. (optional) Default capture area for scheduled recordings is full screen, so if you want to change it, click the **camera** button is on the control panel and select the part of the screen you want to see on your scheduled recording.

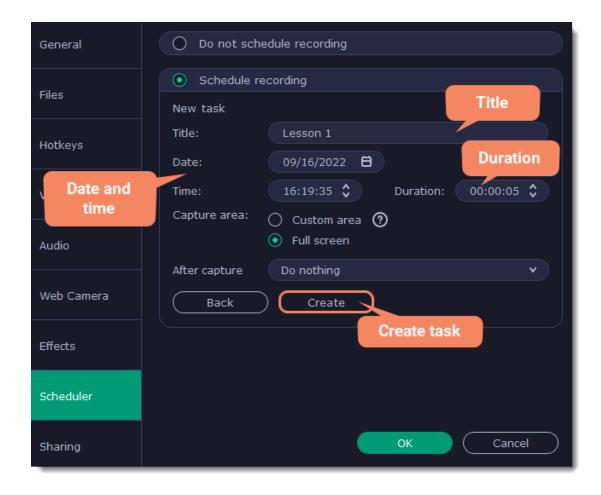
2. To enable system sound recording, click the **speaker** button 💷 on the recording panel and make sure it is enabled and highlighted green.

## Step 2: Schedule recording

- **1.** On the control panel, click the **cogwheel** button **a** to open **Preferences**. Switch to the **Scheduler** tab.
- 2. Select Schedule recording.
- 3. Click the Add Task button.



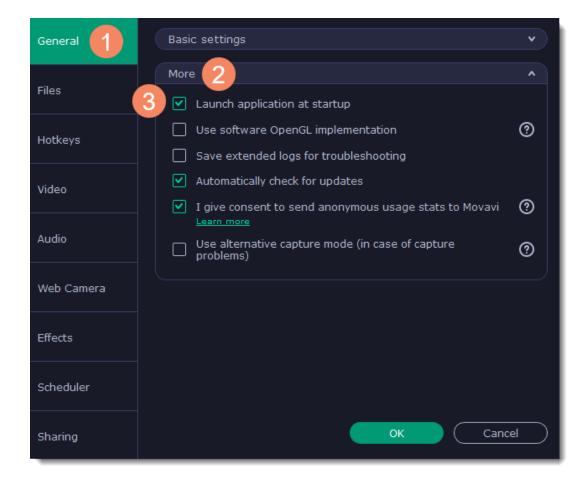
- 4. A task template will appear. Fill in the details for the task:
- Title the name of your recording
- Date and time the moment recording should start
- Duration how long the recording should last (e.g if you want to record an hour long webinar, set this at 01:00:00)
- Capture area by default, the program will record full screen. However, if you'd like to avoid recording extra parts of the screen, you can select Current area. Be careful: the program will capture the area selected on screen at the moment your recording starts! If you don't select the new area, last recorded area will be used.
- After capture you can set your computer to automatically sleep or shut down when the recording is over.



5. Click Create to add the task to your recording schedule.

# Step 3: Enable launching at startup (optional)

The screen recorder needs to be running at the scheduled start time to begin the recording. If you've scheduled the recording for a later date, enable the program to start with your computer so that you don't miss the recording. To do that, open the **General** section of the Preferences, click **More** and enable the **Launch application at startup** option.



Finally, click OK in the Preferences window to save the changes. After the recording is finished, the recording file will be stored in \*.mscproj

format in the output folder with your other screen recordings.

If you are starting a lengthy recording, make sure that you have enough free disk space for saving the temporary recording files.

# Time limit

When you record a long webinar or online video, you can limit the recording to a specific time and it will stop automatically once the time is up. This way, you don't have to wait around for the video to end.

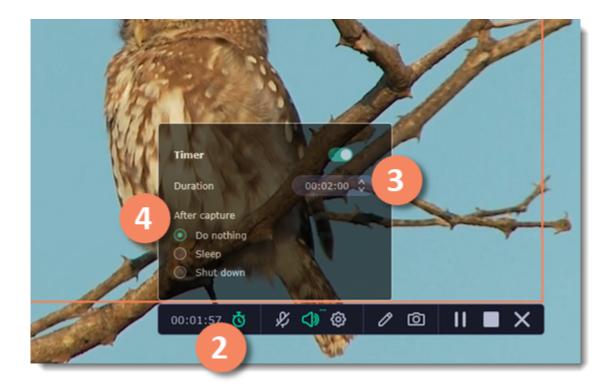
1. Start recording video from the screen.

2. Click the **timer** button the timer.

3. Set **duration** by entering the time limit as hours:minutes:seconds.

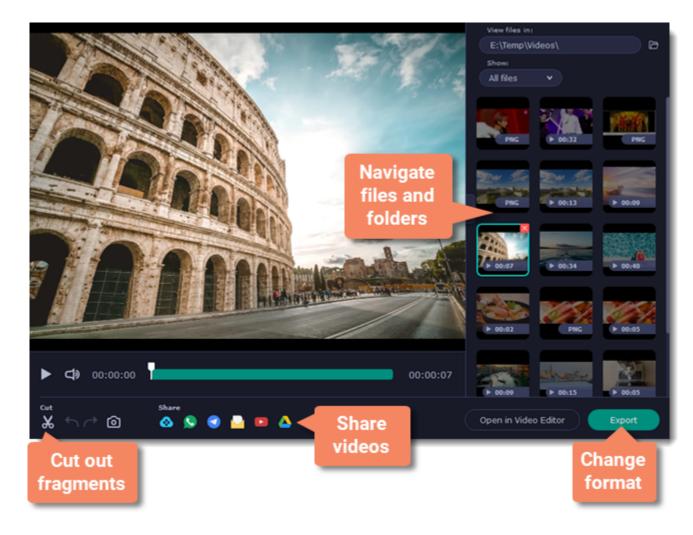
4. Choose what happens after capture.

5. Click again to close the timer preferences. Done!



# **Editing recordings**

When you end a recording, the player window will open, where you can view the finished video, save videos to a different format, and cut out unwanted fragments.



## Here's what you can do:

<u>Cut recordings</u> – trim videos from the beginning or the end, cut out fragments. <u>Navigate files</u> – view and edit files from any folder.

<u>Change recording format</u> – save the video in a different video format, as an audio file, or even as an animated GIF. <u>Share recordings</u> – publish your video online or send it to your friends and colleagues.

# **Opening the player**

To open the capture player and editor, right-click the Movavi Screen Recorder icon 🖸 in the notification area and select **Preview Saved Files**.

Show			
Take a Screenshot	F8		
Set Up and Start Recording	F10		
Audio Recording	Alt+F10		
Webcam Recording	Alt+Shift+F10		
Preview Saved Files			
Preferences	Ctrl+P		
Help	•		
Quit	Alt+F4		
~ 👩 হ 🕼 ENG	19:01 06.10.2020		

Also, the capture editor will open after you finish recording a video.

# **Navigating files**

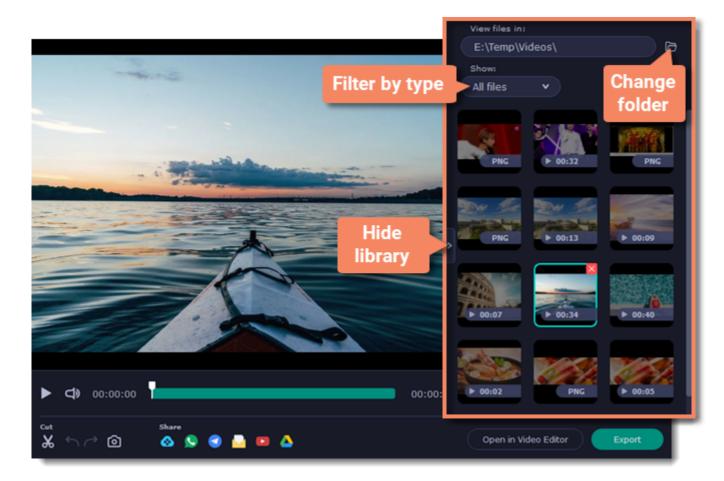
The right side of the player is dedicated to your media library. Here are some tips to use it to your advance:

• The library contains all files you've captured with Movavi Video Suite: videos, audios, and screenshots. To filter the files by type, click and select the file type you need to see now.

• By default, the library shows files from the folder you have set for file recording on the Files tab in Preferences. If you wish, you can view

files from any other folder on your computer. Click 🖻 to select a different folder. Note that Movavi Video Suite can only play files in \*.mkv format. Other video files will not be shown in the library.

• To enlarge the player window, you can hide the library by clicking 🚬 .



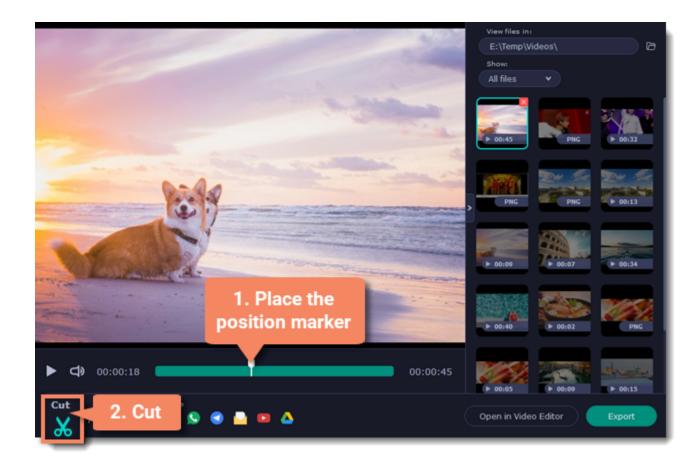
# **Cutting recordings**

This guide will show you how to cut out parts from video recordings using the built-in capture editor.

## **Step 1: Cut fragments**

**1.** Move the position marker around the area you want to cut.

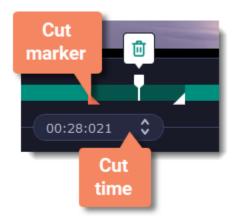
2. Click the scissors button. A fragment with two cut markers will appear at the current position.



**Precise positioning** 

For more precise positioning, click on the cut marker on the seek bar and do any of the following:

- Click the arrows next to the time to move the marker by a small interval.
- With the cut marker selected, use the arrow keys to move it left or right by 100 milliseconds.
- Manually enter the necessary time.

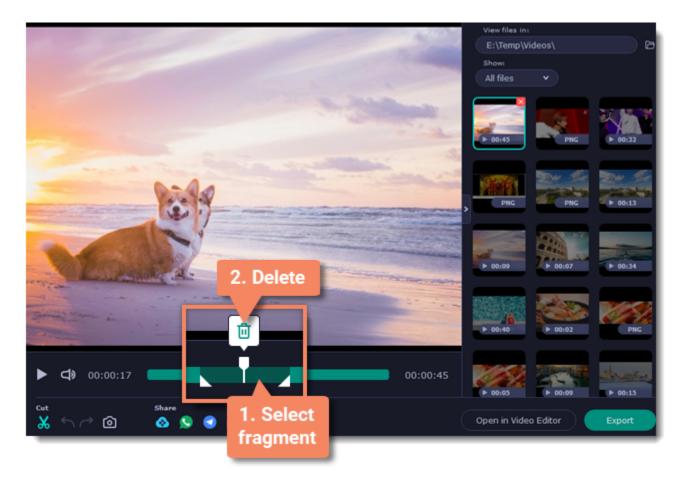


### **Step 2: Delete fragments**

**1.** On the seek bar, click a fragment to select it. The selected fragment appears as a darker shade.

2. To delete the selected fragment, click the trash can button above it.

A dotted line will appear on the seek bar where a fragment has been deleted:



How to undo cutting

To cancel a cutting action, click **Undo** or press **Ctrl+Z**. To repeat a cancelled action, click **Redo** (**Ctrl+Y**).

To exit the cut mode, click the scissors again.

## Step 3: Save the edited video

If you've cut the video, you need to save it to apply the changes.

- 1. Click **Export**. The window with saving options will appear.
- 2. At the top of the window, choose where to save the file and enter a file name.
- 3. Choose a format for the video. If you don't know which format to choose, leave MP4 selected. It will save faster and at no quality loss.
- 4. Click Save to start processing the video. This may take a while for longer videos.

File name:	ScreenRecorderProject15	.mp4	
Save to:	E:\Temp\Videos	• Browse	h
Format:	MP4 (H.264, AAC, Same as input)	3 •	
Quality:			
SuperSpeed:		Super Speed	
Resolution:	740x540		
File size:	5 MB		
Advanced	)	4 Save Cancel	
Gut ← ⁄ ② 🔗	<sup>°</sup> 😒 🔮 🖴 🛆	Open in Video Editor	]

# **Changing the format**

New video recordings are created in the MKV format which is supported by most players. This guide will show you how to save your videos in a different format. You can also convert your recordings to audio by saving them as an audio format.

### Step 1: Open the output options

Click Export to open the output options.

### Step 2: Choose a new format

Select a format you want to use:

- Video MP4, AVI, MOV, MKV
- Image GIF
- Audio MP3

## Step 3: Save the file

Finally, click **Save** to convert your recording to the selected format. This may take a while for large videos.

	File name:	ScreenRecorderProject15	.mp4		
	Save to:	E:\Temp\Videos 🗸	Browse		
			_		
	Format:	✓ MP4 (H.264, AAC, Same as input)			
	Quality:	AVI (H.264, MP3, Same as input) T GIF (GIF, up to 544x306)			
-	SuperSpeed:	MOV (H.264, AAC, Same as input) MKV (H.264, AAC, Same as input) MP3 (MP3, Auto)	Super Speed		
-	Resolution:	740x540			
SNA	File size:	7 MB			
1	Advanced	3 Save	Cancel		
Cut Share Open in Video Editor Export					

# **Advanced settings**

There are some extra settings you can use to customize your recorded files before saving. To open the settings, click **Advanced** in the saving window.

	Framing:	Auto	$\sim$		
File n	(				
Save	Resolution:	Original size	J	)	
Form	FPS:	Auto	•	)	
Quali	Sample rate:	Auto	•	)	
Reso	Channels:	Auto	•		
File s		Save Ca	ncel		
Advanced Save Cancel					

# Resolution

The *frame size* or *resolution* determines the videos width and height in pixels. Open the **Resolution** list to select from the most common resolutions. Ideally, the frame size should not exceed the resolution of the recorded video, but match it instead. Smaller resolutions allow you to make the output video smaller and thus save your disk space, however, this will sacrifice some video quality due to downscaling.

### Framing

Choosing a resize method can help you manage how your video is resized to fit inside the frame size you've set. There are several resizing options available:

• Smart fit... – scales the original video to fit the specified dimensions while maintaining the aspect ratio.

• Up to size... – allows you to set a maximum frame size: input files with frame sizes exceeding the maximum are scaled down, while videos with smaller frame sizes remain unchanged.

• Letter Box – the video will be resized to fit inside the frame entirely. This method allows you to keep the whole video inside the frame without distortions, but may place black bars around the video.



• **Stretch** – the video is fit entirely inside the frame and then stretched on one axis in such a way as to fill the entire frame without leaving black bars. This allows you to cover the entire frame, however, the objects in the video may appear horizontally or vertically distorted.



• **Crop** – the video will be resized to be slightly larger than the frame, cropping the parts that do not fit inside it. This allows to cover the entire area of the frame without distorting any of the objects inside the video or without leaving black bars, however, this may not suit some clips where important objects are near the edge of the frame.



### FPS

The number of frames per second is the number of shots that a camera takes each second to make a video. Most cameras shoot video at around 24 frames per second. However, some cameras can shoot high-speed video that you can use to make slow motion clips. If you plan on using high-speed videos, choose the FPS that matches the video. If you're using regular videos, leave the default FPS.

## Sample rate

The sample rate affects the quality of digital sound, and defines the maximum frequencies that an audio stream can contain. The default sample rate is set to 44100 Hz, which exceeds the maximum frequencies of human hearing and is used to record Audio CDs and most music tracks.

## Channels

**Stereo** sound contains two channels and has the capacity to convey the relative location of sound sources, which makes it best for recording music; **mono** sound has only one channel and produces sound without differentiating left and right channels. Stereo is the generally preferred number of channels, however, some mobile devices record sound only in mono mode.

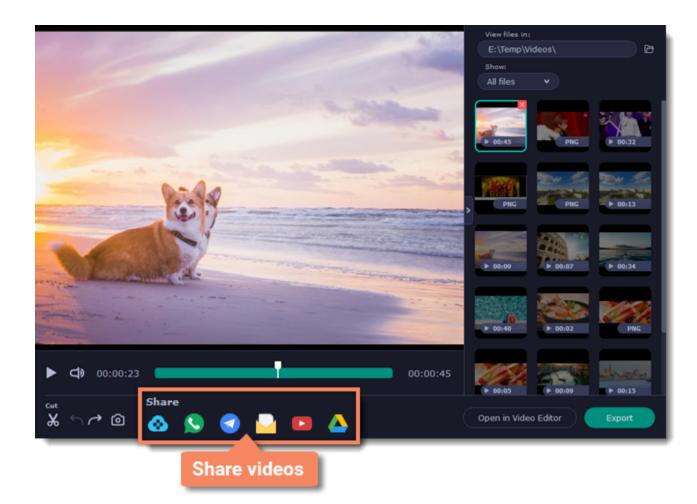
# **Sharing videos**

For now, you can share your videos to YouTube, Google Drive, WhatsApp, Telegram, and our own cloud service – Movavi Cloud. You can also start your mail client to send the file in an e-mail.

## To share a recording:

1. In the library, select the recording you want to share.

2. On the bottom panel, select where you want to upload your video, then follow the selected service steps.



Learn more about sharing to:

- YouTube
- <u>Google Drive</u>
- Movavi Cloud

# Uploading videos to YouTube

Once your video is ready, you can share it to YouTube!

1. Click Sign In and grant all requested access to allow Screen Recorder to upload files.

2. Fill in the details:

- Give your video a **title** and fill in the **description**.
- Add some tags to help users find videos by relevant topics. Separate tags with commas.

• Choose a **resolution** that suits your video. For best results, choose a resolution that is equal to or less than the height of your video (e.g if your video is 1280x720, choose the 720p resolution).

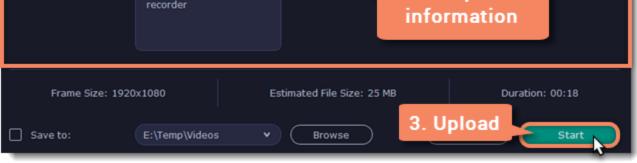
• Choose a category to help viewers find relevant content.

• Open the **Privacy** box and choose who you want to see the video.

Tip: if you want to save the video to your disk as well, check the **Save to** box and select file destination on your computer.

### 3. Click Start to begin uploading.

YouTube			1. Sign in	[ [→
Title:	I Love Screen Recorder	Resolution:	1080p HD	•
Description:	Created with Movavi Screen Recorder http://www.movavi.com/	Category:	Howto & Style	•
	screen-recorder-personal	Privacy:	Public	•
Tags:	movavi, movavi screen	2. 9	Set up video	



# **Uploading videos to Google Drive**

You can use Google Drive to store your videos or share them with others.

1. Click Sign In and grant all requested access to allow Screen Recorder to upload files.

**2.** After you've signed in, the program will load your Google Drive **folder** list. You can share files to specific folders if you like. Select one of them in the list.

### 3. Fill in the details: title, privacy settings, the video format and quality.

Tip: if you want to save the image to your disk as well, check the **Save to** box and select file destination on your computer.

#### 4. Click Start to begin uploading.

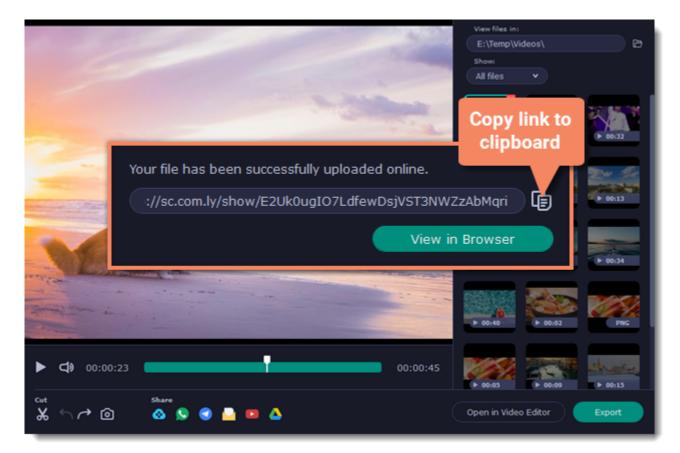
🍐 Google Drive		Joseph Tyler 🛛 🕞
<ul> <li>Google Drive</li> <li>23.10.2016</li> <li>italiano</li> <li>Music</li> <li>Screenshots backup</li> <li>Vacation</li> </ul>	Title: Save to: Privacy: Format: Quality:	I Love Screen Recorder .avi E:\Temp\Videos  Browse Get shareable link AVI (H.264, MP3, Same as input) Smaller Better guality SuperSpeed:
	Resolution: File size:	1920x1080 21 MB Cancel

# **Uploading videos to Movavi Cloud**

If you only need to quickly share a file, you can use Movavi Cloud – our own cloud service. It will give you a shareable link in just one click!

**1.** On the bottom panel, click the **Movavi Cloud (1)** icon. The upload will start immediately.

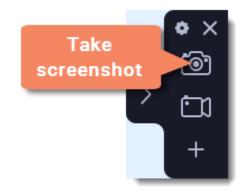
2. Share! The link will be copied to clipboard automatically, but you can also use the **copy** button or click **View in Browser** to open the file in your default browser.



In the browser, you can play the video or download it. The file will be accessible by the link, so if you feel you might need to send it to someone else some other time, make sure to know where to find it (e.g. in a message you've first attached it to).

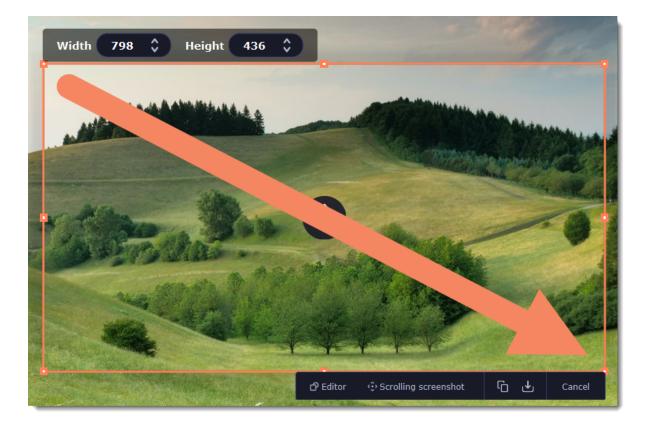
### Taking screenshots

**1.** On the control panel, click the **screenshot** button **o** press F8.



**2.** Your cursor will turn into a crosshair. Select the part of the screen that you want to capture:

- To capture a window or a window frame, hold your mouse pointer over the window and click after a frame appears around it.
- To capture a part of the screen, hold the left mouse button and drag diagonally to draw a rectangle.
- To capture the entire screen, press Space or click on any empty area of your desktop.
- How to take a scrolling screenshot



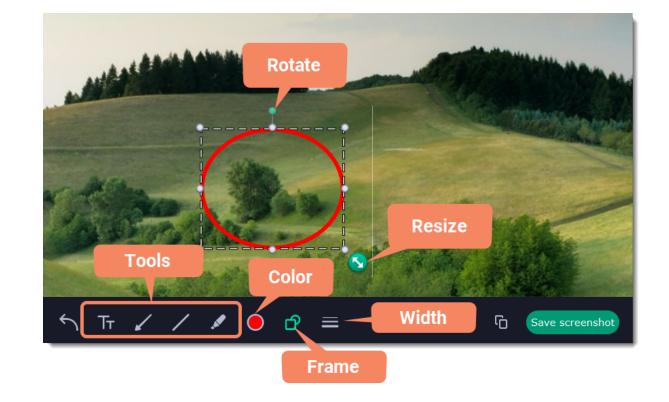
**3.** A menu will appear in the lower right corner of the selected area.



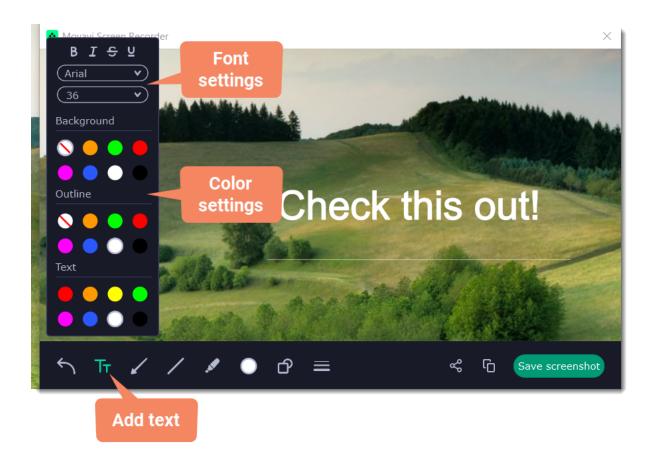
4. Now you can edit or save your screenshot.

# How to edit your screenshot

- Click the **Editor** button to edit your screenshot.
- Select a tool you want to add to your screenshot: Line Z, Arrow Z, Frame O or Highlighter Z. Hold the left mouse button and drag to draw a shape.
- Change the **color** of and **width** of your shape.
- Drag by the green arrow circle 🛇 or the white circles on the edges to resize the element; rotate by dragging the green circle left or right:



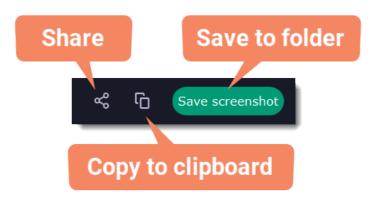
• To add text, select the **Text** tool, click inside the screenshot frame and start typing in the box that appears. Select a font, change its size and color as well as the color of text background and outline.



# How to save your screenshot

• Click the **Copy** button to copy the image to clipboard without saving the screenshot to a file.

• Click the **Share** button to <u>share</u> the image to WhatsApp, Telegram, and Google Drive, get a link to the image or send it in an email. Click **Save screenshot** button to save the image file and open its containing folder.



Where are the screenshots stored?

By default, the screenshots are stored in the "\Videos\Movavi Screen Recorder\" folder of your user. You can change where the files are saved in the Files section of the Preferences.

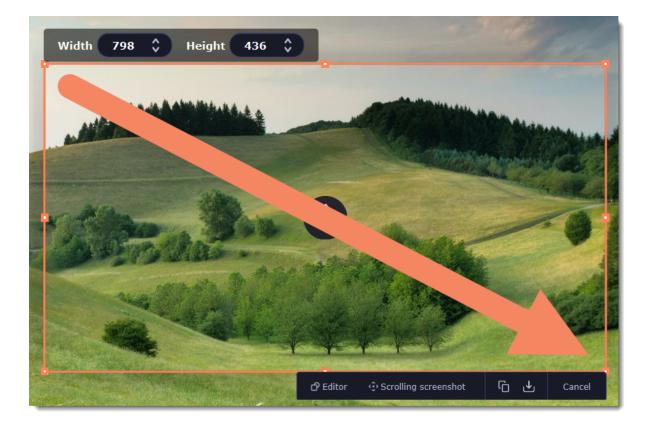
# Scrolling screenshot

1. On the control panel, click the **screenshot** button or press F8.





2. Select the part of the screen that you want to scroll and capture: press Space or highlight the needed part of the screen.



**3.** Press **Scrolling screenshot** in the menu.



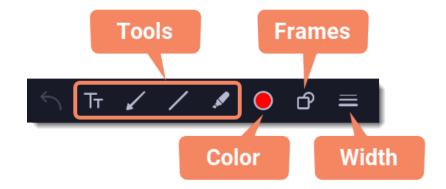
- 4. Press Space or left click on the screen and scroll within the selected area.
- 5. Now you can edit or save your screenshot.

## How to edit your screenshot

• Select a tool you want to add to your screenshot: Line *Arrow*, Frame *P* or Highlighter *Arrow*. Hold the left mouse button and drag to draw a shape.

• Change the color 🔍 and width 🧮 of your shape.

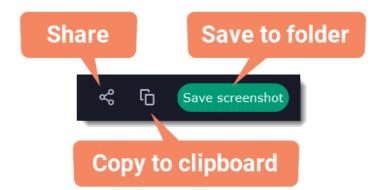
• To add text, select the **Text** tool, click inside the screenshot frame and start typing in the box that appears. Select a font, change its size and color as well as the color of text background and outline.



## How to save your screenshot

• Click the **Copy** button to copy the image to clipboard without saving the screenshot to a file.

• Click the **Share** button to <u>share</u> the image to WhatsApp, Telegram, and Google Drive, get a link to the image or send it in an email. Click **Save screenshot** button to save the image file and open its containing folder.



#### Where are the screenshots stored?

By default, the screenshots are stored in the "\Videos\Movavi Screen Recorder\" folder of your user. You can change where the files are saved in the Files section of the Preferences.

# **Sharing screenshots**

Note that taking screenshots is only available in <u>activated</u> version.

- 1. On the screenshot panel, click the **Share** sutton.
- 2. Select where you want to share your image, then follow the selected service steps. It's that easy!

Width: 647 🗘 Height:	389 \$		-
The world of computer games	s is packed with challer	nges,	T .
triumphs, and failures. With a	gaming video recorder	, you can	-
share all your experiences wit	th your peers across the	e planet.	<b>+</b>
Grab in-game video from any	major title with your PC	Clusing	1
Gecata – Movavi's lightweigh	t game recorder. Create	e a	•
collection of the most memor	able monotes of your	gaming life.	1
You can even start a YouTube	e channe <b>Contertain o</b>		
your game reviews, Let's Play	s, humorous sketches a	and 📀 Movavi Cloud	പ
walkthroughs.		S WhatsApp	
		Telegram	
Try Fr	·ee	🔛 E-mail	
Windows 10 Compatible		À Google Drive	5
6	0		-

### Sharing screenshots to Google Drive

Uploading images to Google Drive will take you a couple extra moves.

1. Click Sign In and grant all requested access to allow Screen Recorder to upload files.

**2.** After you've signed in, the program will load your Google Drive **folder** list. You can share files to specific folders if you like. Select one of them in the list.

### 3. Fill in the details: title, privacy settings, and the image format.

Tip: if you want to save the image to your disk as well, check the **Save to** box and select file destination on your computer.

### 4. Click Start to begin uploading your image.

🍐 Google Drive		Joseph Tyler	<b>*</b>
<ul> <li>▲ Google Drive</li> <li>■ 23.10.2016</li> <li>■ italiano</li> </ul>	Title:	Screenshot 10-04-2019 13.27.55 .pn	9
italiano	Save to:	E:\Temp • Browse	)
Screenshots backup	Privacy: 3	Only me 🗸	
Vacation	Format:	PNG V	
	Resolution:	587x399	
	Estimated File Size:	49 KB	
		Cancel 4 Start	)

Learn more: How uploading files to Movavi Cloud works

# **Screen Recorder preferences**

To open the program settings for Movavi Screen Recorder, click the **cogwheel** button **o** the control panel:



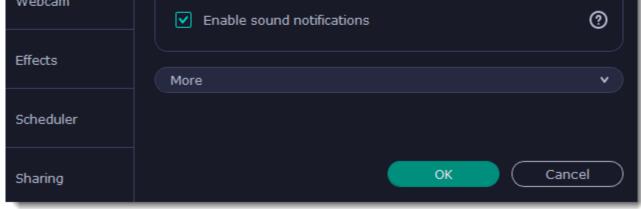
The preferences window will open. The preferences are organized into eight categories: <u>General</u>, <u>Files</u>, <u>Keyboard Shortcuts</u>, <u>Video</u>, <u>Webcam</u>, <u>Effects</u>, <u>Scheduler</u> and <u>Sharing</u>.

# **General preferences**

The **General** tab allows you to change the basic behavior of the program. The settings are organized into two groups for your convenience.

### **Basic settings**

· · · · · · · · · · · · · · · · · · ·		
General	Basic settings	^
Files	Interface language: English v	
Keyboard Shortcuts	<ul> <li>Disable countdown</li> <li>Hide recording panel</li> </ul>	
Video	<ul> <li>Disable frame blinking during capture</li> <li>Allow window panes selection</li> </ul>	
W/	Capture separate streams	



### Disable countdown

Every time before the recording starts, you will see a 3-second countdown. This gives you time to prepare for your recording. Select this option to turn the countdown off and start recording immediately.

### Hide recording panel

The recording panel appears when you start recording. It's semi transparent and it will not be recorded on top of your finished video even if you record fullscreen, but you can hide it if necessary.



### 🗹 Disable frame blinking during capture

In case the blinking irritates you, check this box. The frame will stay still during recording.

#### Allow window panes selection

To record only the main window panes (no frames, menus or browser tabs), Movavi Screen Recorder needs access to your screen.

#### Capture separate streams

When recording a video, the webcam, main onscreen video, external audio, etc. will be recorded as separate streams, like layers. This can be useful for editing the video later, so you can edit them separately.

### Enable sound notifications

The program will notify you when a screenshot has been taken, a file export is finished, or if an error occurs.

### **Other settings**

General	Basic settings	•
Files Keyboard Shortcuts	More  Launch application at startup Use software OpenGL implementation	^
Video	<ul> <li>Save extended logs for troubleshooting</li> <li>Automatically check for updates</li> <li>I give consent to send anonymous usage stats to Movavi Learn more</li> </ul>	0
Webcam Effects	<ul> <li>Disable Aero theme during capture</li> <li>Use DirectX for capturing</li> </ul>	0
Scheduler		
Sharing	ОК Сапс	el

### Launch application at startup

With this option enabled, Movavi Screen Recorder will start when you log in and run in the background. This way you will always be ready to capture your screen.

### Use software OpenGL implementation (advanced)

This option can troubleshoot OpenGL problems for some graphics cards.

OpenGL is a software interface that manages graphics output. Usually, OpenGL is handled by your graphics card driver. However, some graphics cards do not support the necessary version of OpenGL. For these graphics cards, you can use this option to download and install a software replacement. Installation will run automatically, but you will need an Internet connection to download the files.

### Save extended logs for troubleshooting

In case you experience trouble using the program and contact our support team, they might ask you to collect logs. The logs contain the program's actions for some period of time, as well as important error reports and descriptions. Extended logs give the most amount of information which may be essential to solving your problem.

### Automatically check for updates

The program will notify you if a new version is available. Minor updates are absolutely free (for example, from v.1.3 to v.1.4). For major updates users with purchased Movavi Video Suite license will get a considerable discount.

### I give consent to send anonymous usage stats to Movavi

Enabling this box will allow Movavi Video Suite to send us anonymous data about how you use the program. This data does not contain any personally identifiable information and is only used for improving our software. You can find more information on our <u>Movavi Privacy Policy</u> page.

### Disable Aero theme during capture

Windows Aero themes that use transparency require more processing power. This may slow down your computer while recording video. With this option enabled, the program will disable the Aero theme while recording to improve performance. The theme will be restored after recording has finished.

(For Windows 7)

### Use DirectX for capturing

Try this option if you are experiencing problems capturing some program windows. In Windows 8 and above, the capture method is chosen automatically and this option is unavailable. *(For Windows 7)* 

### Use alternative capture mode

If you get an error message when you start or stop recording your screen, try this option. *(For Windows 8 and above)* 

## **File preferences**

In the **Files** section of the preferences, you can change where your captured files are stored. To change a folder location, click **Browse** and select a new folder.

General	Record files to:
	E:\Temp\Videos\
Files	Delete original recording after export
Keyboard Shortcuts	Default screenshot format:
Video	
Webcam	
Effects	
Scheduler	
Sharing	OK Cancel

### **Record files to...**

This is where all your captured files are saved automatically, both screenshots and video recordings. If you export the file, you can select a different folder.

### Delete original recording after export

If you save the recording in a different format or trim the file, the original will be deleted.

### **Default screenshot format**

Here you can change the format for all new screenshots. You can also change the format for a single screenshot by using the Save As button in the editor window to save a copy with a different format.

## **Keyboard shortcuts**

The **Keyboard Shortcuts** tab allows you to set your own custom shortcuts for such actions as starting or pausing the capturing process. On the right, you can see keyboard shortcuts for every action.

General	Click in the Keyboard Shortcut field and press the key com you want to assign to the menu command.	bination that
Files	General: Start/stop screen recording	F10
Keyboard Shortcuts	Start/stop audio recording	Alt+F10
Video	Start/stop webcam recording Pause/resume recording	Alt+Shift+F10 F9
Webcam	Take a screenshot	F8
Effects		
Scheduler	<ul> <li>Reset to Default</li> <li>Disable keyboard shortcuts</li> </ul>	
Sharing	ок (	Cancel

#### To change one of the shortcuts:

**1.** Click inside the box with the shortcut you want to change. The box will become blank.

**2.** Simultaneously press on keyboard the keys you want to use as a shortcut to the selected action. The box will now display your custom shortcut.

3. Click OK to apply the changes. To reset all the keyboard shortcuts to their original state, click the Reset to Default button.

If there's a keyboard shortcut you want to use in other software while Movavi Screen Recorder is running, check the Disable keyboard shortcuts box.

In case you forget a shortcut, you can always look it up here in the keyboard shortcut settings.

## Video preferences

On the **Video** tab, you can choose how the videos are recorded and saved, change the preferred audio quality, including the sample rate, number of channels, and bits per second.

General	Frame rate	e:					
	5	10	15	25	30	50	60
Files	Audio qua	lity:			0		
Keyboard	44.1 kH	z, stereo,	16-bit				•
Shortcuts	Enabl		peed conver	sion		17	Super Speed
Video	Enabl <u>Learn</u>		hardware ad	celeration		(intel)	Intel <sup>®</sup> HD Graphics
Webcam	Enabl <u>Learn</u>		GPU acceler	ation		0	NVIDIA NVENC
	Enabl	e AMD acc	eleration				AMD



#### Frame rate

The frame rate defines how many frames will be captured each second and affects the smoothness of motion in the video. A lower frame rate will result in smaller output size, however, the video may not turn out as smooth. The recommended frame rate is 20-30 frames per second.

#### Sample rate

The first number is the audio sample rate, measured in Kilohertz (kHz). This is the number of digital samples taken each second to record sound. Higher sample rate usually means higher quality. 44.1 kHz is the recommended sample rate, which corresponds to the human hearing range.

### Channels

**Mono** uses only one audio channel, which saves some disk space.

Stereo uses two audio channels, which allows distinguishing the direction a sound is coming from and usually sounds more natural.

### Bit depth

Screen Recorder will record audio at 16 bits, which is the standard bit depth for most audio recordings. This means that every sample contains 16 bits of information to encode sound.

### Enable SuperSpeed conversion

This option will make saving videos faster if you use the same output video codec. For example, if you cut the video without changing the format. If you're having problems with saving some files, try disabling this option.

### Enable Intel hardware acceleration

This option will make saving videos faster if your computer is equipped with a compatible Intel® graphics chip. Intel acceleration works when processing H.264, MP4, and MPEG-2 videos.

### Enable NVIDIA GPU acceleration

This option can make saving videos faster by using the graphics card to process media files. This leaves the CPU free for other tasks and improves performance while saving videos. This option is only available if you have an NVIDIA® graphics card compatible with the NVENC® or CUDA® technologies.

### Enable AMD acceleration

This option is meant for the same purpose as the ones above: it allows to save videos faster, too, but this time you need an AMD graphics card to use the acceleration.

## Webcam preferences

The Webcam section of the preferences allows you to set up your webcam for recording it on top of the main video.

General	Use this webcam:
	GENERAL WEBCAM
Files	Resolution:
Keyboard	720 x 480 Y
Shortcuts	Frame rate: Settings
Video	30 •
	Webcam shape:
Webcam	<ul> <li>Rectangle</li> <li>Circle</li> </ul>
Effects	Show webcam preview during recording
Scheduler	
Sharing	OK Cancel

### Enabling the webcam

- 1. Connect the camera to your computer and wait until your system installs the necessary drivers.
- In the Webcam preferences section, select the camera you want to use from the 'Use this webcam' box.

If the camera does not appear in the list, try manually installing the driver that came with your camera. You can use the preview square on the right to check that the camera is working properly.

#### Webcam properties

Clicking the Settings button will open the camera's properties. These properties are different for each manufacturer, but generally you can use them to calibrate the brightness, contrast, and exposure of your camera.

#### Resolution

The resolution affects the quality of the output video. If the video is very small, you can choose a lower resolution without a noticeable decrease in guality.

#### Frame rate

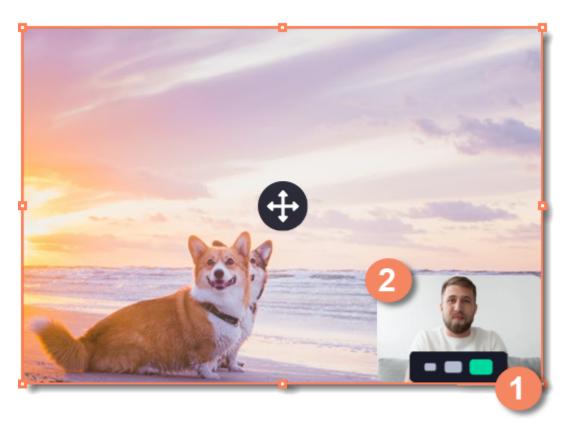
Frame rate is the number of shots the camera takes each second. Higher frame rates will make the movements look smoother and work best for videos with a lot of motion. If the picture is mostly static, you can decrease frame rate to save disk space. The standard frame rate is 20-30 frames per second.

#### Webcam shape

Select the shape of the webcam overlay.

Show webcam preview during recording

When recording screen with webcam, you will see your webcam overlay preview in the lower right corner (unless you've set a different webcam position on video).



# Size and position on video

You can resize and relocate your webcam right on the capture area:

- **1.** Hover over the webcam overlay and select the preferred size on the panel below.
- **2.** Drag and drop the webcam overlay to the desired corner of the capture area.

## **Effects**

In the **Effects** section of the preferences, you can set up the visibility of your mouse and keystrokes.

General	Cursor options:	
	Show cursor on recording	
Files	Highlight cursor:	
Keyboard		
Shortcuts	🔲 Highlight clicks:  🖶 📕 🛛 📛 🚍	
	Mouse click sound:	
Video		Reset
Webcam		
Webcam	Keystroke recording options:	
<b>F</b> #	Do not capture keystrokes	
Effects	Keyboard shortcuts only	
	All keystrokes	
Scheduler		



### **Cursor options**

Select Show cursor on recording to make the cursor visible to your viewers.

### Highlight cursor

This option will add a bright circle around the mouse cursor to make it more visible.

- 1. Select the Highlight cursor option.
- 2. Click the square on the right to choose the highlight color. Use the Alpha channel box to change its opacity.
- **3.** Use the size slider to change the size of the highlight circle.

Hint: hover your mouse over the preview square on the right to see how it will look on the recording.

### Highlight clicks

This option will flash a circle around the cursor for every click. You can set two different colors for the left and right mouse buttons.

- 1. Enable the Highlight clicks option.
- **2.** Click the left square to set the color for the left mouse button.
- **3.** Click the right square to set the color for the right mouse button.

### Mouse click sound

A clicking sound will be played every time you click the mouse to draw attention to your actions.

1. Enable the Mouse click sound option. The default mouse click sound will be used.

**2. (optional)** If you have a file with a different sound effect you want to use, open the box under ' Mouse click sound ' and choose **Add sound**. Then, open the audio file with the sound effect. You can use WAV, MP3, AIFF, and AU files.

### **Keystroke recording options**

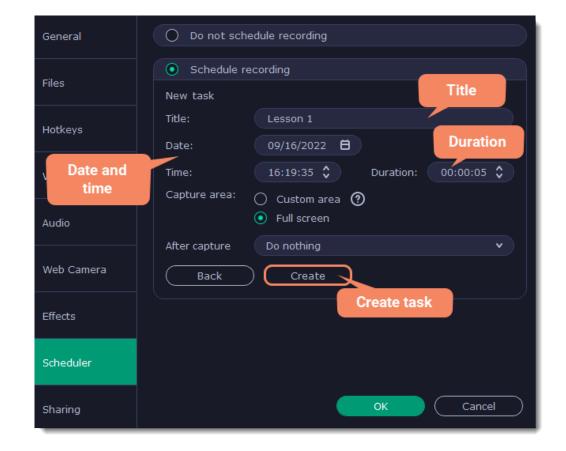
• Keyboard shortcuts only – only functional keys and key combinations (for example, Alt+Shift, or Ctrl+C) will appear on the video.

• All keystrokes – all key presses, including letters of the alphabet, will appear on the video.

Hint: avoid entering passwords when this option is enabled if you don't want everyone to see your password.

### Scheduler

In the Scheduler section of the preferences, you can start and stop recordings automatically.



Automatically ending a recording

1. Select the "Set time limit for recording" option.

**2.** Enter the duration of the recording as hours: minutes: seconds. Learn more: Time limit

#### Scheduling a recording

To start and end a recording automatically:

- 1. Select the "Schedule recording" option:
- 2. Click "Add Task" button.

3. Fill in the details and click **Create** to add your task to the recording schedule.

Learn more: <u>Scheduling</u>

The Screen Recorder application must be running at this time for the recording to begin. To make sure you don't miss it, enable the "Launch application at startup" option in the General section.

# **Sharing preferences**

The **Sharing** tab allows you to manage your YouTube and Google Drive accounts used to upload videos to.

General	Sign In
Files	Sign In
Keyboard Shortcuts	
Video	
Webcam	
Effects	
Scheduler	
Sharing	OK Cancel

### To sign in to your account:

- 1. Click Sign In. The authentication page will open in your browser.
- 2. Sign in to your account and click **Allow** to let Movavi Screen Recorder upload videos.

## **Capture video**

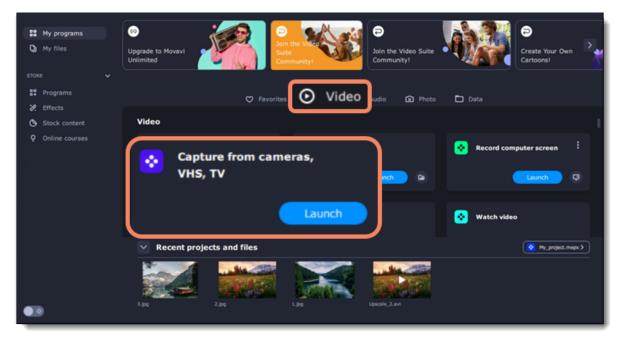
Follow the steps below to record video from a camera that's connected to your computer.

### **Connect the camera**

Connect the camera you want to capture from to the computer. Make sure that the system recognizes the device and that it is working correctly.

### Launch the video recording program

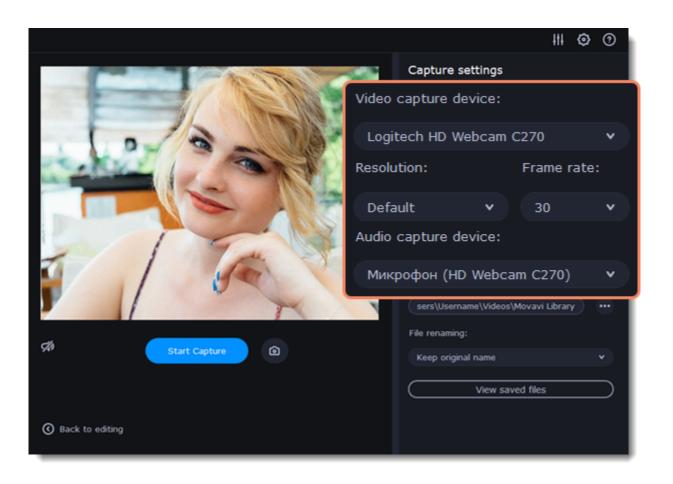
1. Open the Movavi Video Suite launcher window and go to the Video tab. Then click Launch on the Capture from cameras, VHS, TV tile.



2. In the Video capture device box, choose the camera.

3. Then, select the **resolution** and **frame rate**. A larger resolution will be able to retain better quality, however, the video file size will be larger. A higher frame rate is necessary for recording motion, while static scenes can be captured with a lower frame rate.

4. In the Audio capture device box, choose the microphone.



5. Choose a destination folder. By default, the recordings will be saved to your *Movavi Library* folder. To change it, click the icon ear the **Save files to** box.

6. Click **Start Capture** to begin recording the video. During capture, you can take snapshots using the camera icon 🙆 on the right.

		0
	Capture settings	
	Video capture device:	
	Logitech HD Webcam C270	•
10- 3 m 10- 2	Resolution: Frame rate:	
	Default ¥ 30	•
	Audio capture device:	
	Микрофон (HD Webcam C270)	•
to 1 Ton Sta	<ul> <li>Saving captured files</li> </ul>	
	Save files to:	
	sers\Username\Videos\Movavi Library	
	File renaming:	
Start Capture	Keep original name	
	View saved files	$\supset$

# **Import AVCHD**

Follow the steps below to import previously recorded videos from an AVCHD camera.

**Step 1:** Connect the camera you want to capture from to the computer, and enable USB connection mode on your camera. Make sure that the system recognizes the device and that it is working correctly.

Step 2: Open the Movavi Video Suite launcher window and go to the Data tab. Then click Launch on the Import AVCHD tile.

Use Our Video Editing Services	CO Upgrade to Movavi Unlimited	How to Add Horror Effects	Create Your Own Cartoons!
₿₽ Pri	ograms 💿 Video 🎝 Audio	Phot     Data	
Data			
Import AVCHD	Burn disc	Try Out	ge to disc Try Out
Copy disc to disc	Copy disc to hard drive	Mobile Con	mpanion Try Out

**Step 3:** In the **Video capture device** box, select your AVCHD camera.

				•	0
2002		N VS BR	Capture settings		_
			Video capture device:		
11.12.2015 18:51 00022.MTS 1824 MB	17.06.2015 16:59 17.MTS 109 MB	06.07.2015 17:03 0000111.MT5 136 MB	Sony Camcorder		۲
	17.06.2015 16:59	17.06.2015 16:59	Saving captured files Save files to: E:\Temp\Videos File renaming:		
15.10.2015 17:52 000091111.MTS 4 MB	17.06.2015 16:59 Копия 00000 14111.MTS 109 M8	17.06.2015 16:59 Копия 00000 31111.MTS 109 MB	Keep original name		1
			Export Files		
06.07.2015 17:03 Копия 00001 11112.MTS 136 MB	15.10.2015 17:52 Копия 00010911.MTS 4 MB				
Select al					
im 8* <b>f</b>					

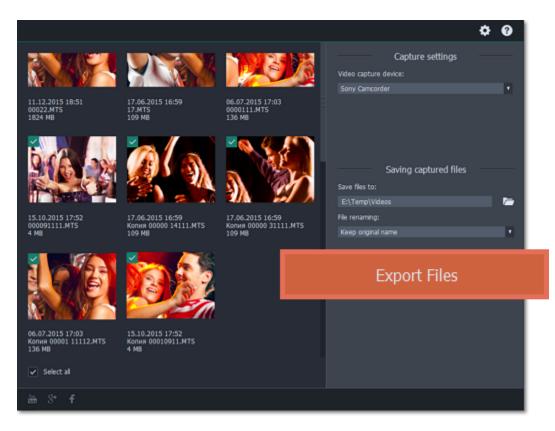
Step 4: On the left, you will see a list of all clips on the camera storage. Review the files and deselect the ones you don't need.



**Step 5:** (Optional) After importing, the files will be saved to your *Movavi Library* folder. If you want to save them somewhere else, click the folder button and choose a different location.

**Step 6:** (Optional) If you want to batch rename the files, choose a renaming option from the '**File renaming**' box and set up the new file name template.

**Step 7:** Click **Export files** to start copying the files. This may take a while depending on the size of the videos.



# **Capture audio**

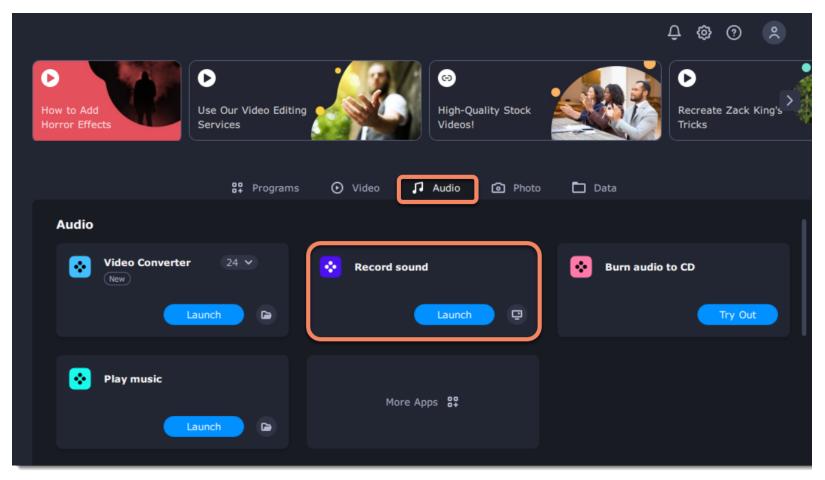
### **Connect a microphone**

Connect a microphone to your computer and make sure that it is recognized by the system.

### Launch the audio recording module

Open the Movavi Video Suite launcher and go to the Audio tab.

Then click **Launch** on the **Record sound** tile. The audio recording module will open in a separate window. If you want to start recording right away, click **Start Recording** on the **Record sound** tile.



### Set up audio capture

In the Audio capture device box, choose the microphone or whichever device you want to use for recording sound. To record audio that is

playing on your computer\*, choose Stereo Mix or Speakers.

In the **Saving captured** files section, you can choose a template for naming the captured files. To do that, open the **File renaming box** and choose **date** or **free text**. Then, fill in the template details and the recordings will all be named after this template.

Under **Save files to**, specify the folder where you want to save the recordings. Click the folder icon next to the box to browse for the folder you need.

Capture settings	
Audio capture device:	
Микрофон (Realtek(R) Audio)	•
Saving captured files	
Save files to:	
Users\s.kotina\Videos\Movavi Library	
File renaming:	
Keep original name	•
View saved files	

### Record

Click **Start Capture** to begin recording. As you record sound, you can see the frequencies reflected as color bars in the center. When you're done, click **Stop Capture**. If you need to record more audio clips, simply repeat this step.

The audio files will be saved to the folder specified in the **Save files to** box. To open this folder, click the **View saved files** button.

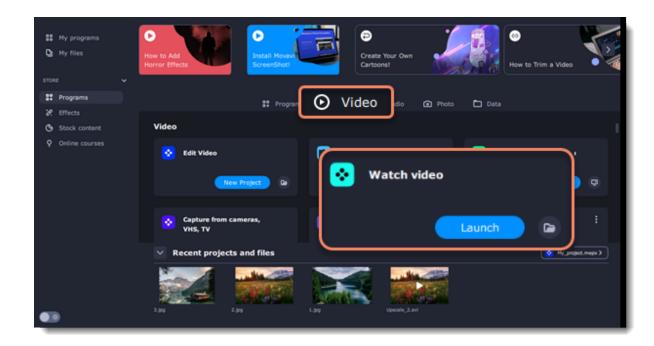
	Capture settings
	Audio capture device:
	Микрофон (Realtek(R) Audio) 🔹 🗸 🗸
	Saving captured files
	Save files to:
	Users\s.kotina\Videos\Movavi Library
	File renaming:
	Keep original name 🔹 🗸
	View saved files
⊲) Start Capture	

\*Depending on the model of your audio card, this option may be named differently. Some device manufacturers do not include a system audio

recording option.

# Play video and audio

With the Movavi Video Suite player, you can play video and audio in any format without having to install any additional codecs or software. To open the player, go to the **Video** tab. Then click **Launch** on the **Watch video** tile.



Or go to the Audio tab and click Launch on the Play music tile.

# My programs D My files	Pree Pack for Subscription		Dinstall Movavi ScreenShot!			oin the Video Suite Community!		© Complete Filmmans Guide
STORE				_		_		
# Programs			SI Programs	o 🗸 🎵	Aud	io Photo	🗖 Data	
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# **Opening files**

To open video or audio files, click the buttons in the bottom right, under the playlist.

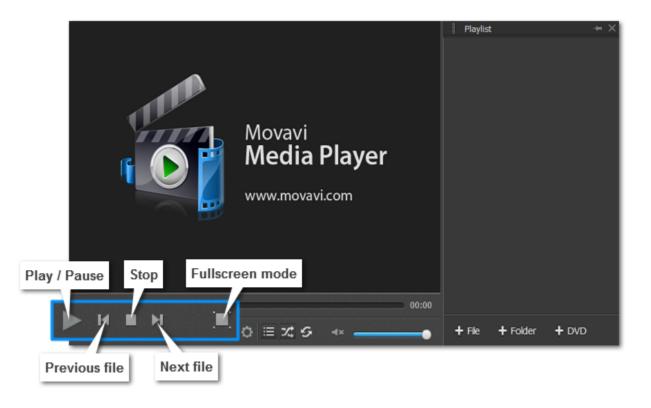
- + File to open individual files
- + Folder to open all the files in a folder
- + DVD to select a disc with videos. You will need to find the VIDEO\_TS folder on the disc.

Or you can simply drag any files you want to play right onto the player window.



# Playback

Basic playback buttons



#### **Skipping frames**

On the toolbar, click **Skip forward** 🔛 or **Skip backward** < buttons to skip 10 seconds forward or backward.

#### **Playlist buttons**

The playlist displays your media queue. If you want to jump to another item, double-click it in the playlist to play.

To show or hide the playlist, click the **List button** is on the toolbar.

To play all items in random order, click the Shuffle button 🔀

To play the same item again and again, click the **Repeat button S**.

# Adjust video

In Movavi Video Suite, you can adjust brightness, contrast, hue and saturation of the video.

### Step 1: Open Video Adjustments dialog box

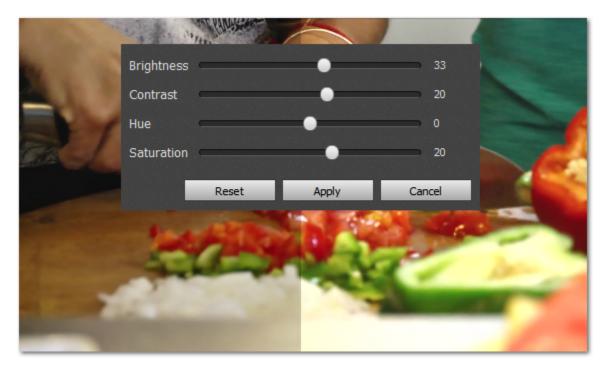
Click the Adjust video button on the toolbar.

### The Adjust video button

Ö

#### Step 2: Adjust video

Hold your mouse on the markers and drag them left or right, depending on the changes you want to make. Release the markers to see how your video has changed.



If you are satisfied with the results, click **Apply** to save your settings.

# Change audio track

In Movavi Video Suite, when you watch a video with two or more audio tracks, you can easily switch between them.

In the menu, click **Audio** and select **Audio Track** in the pop-up menu. A list of available audio tracks will appear. Select the one you need. You will hear it immediately.

File Playback Video	Audio Subtitles	View Settings	Help
	Audio Track	•	1) rus (AC3)
	Volume Up Ctrl+Up		2) ukr (AC3)
	Volume Down Ctrl+Down		<ul> <li>3) eng (DTS)</li> </ul>
	Mute	М	

# **Subtitles**

### Changing subtitles track

In the menu, click **Subtitles** and select **Subtitle Track** in the pop-up menu. A list of available subtitle tracks will appear. Select the one you need. You will see it on screen immediately.

File	Playback	Video	Audio	Subtitles	View	Settings	He	lp
				Subtitle Track		۲	No Subtitles	
				Synch	ronize	Subtitles		Track 1 - rus
				Align	Subtitle	s	١	Track 2 - rus
								Track 3 - rum
							•	Track 4 - eng
								Add Subtitle File

To load subtitles from a file, select **Add Subtitle File** on the list.

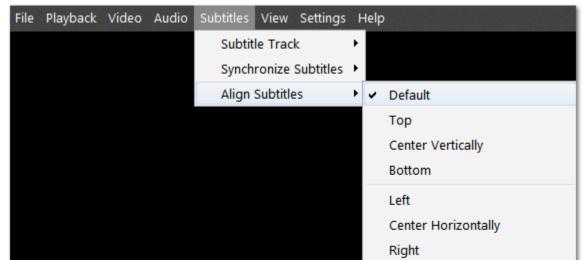
#### Subtitle timing

You can adjust your subtitle timing in case you notice it's off track. In the menu, click **Subtitles** and select **Synchronize Subtitles** in the popup menu. A list of options will appear. Select the one you need. (For example, clicking **+5 seconds** will make subtitles appear on screen 5 seconds later than before).

File	Playback	Video	Audio	Subtitles	View	Settings	H	lelp	,	
				Subtit	le Trac	k	×			
				Synch	ronize	Subtitles	۲	~	Default	
				Align	Subtitle	25	۲		+5 seconds	Ctrl+PgUp
									-5 seconds	Ctrl+PgDown
									+0.5 seconds	Ctrl+W
									-0.5 seconds	Ctrl+Z

#### Subtitles positioning

To move subtitles, click **Subtitles** in the menu and select **Align Subtitles** in the pop-up menu. A list of positioning options will appear. To set subtitles to a certain part of the screen, choose **Top ... Right**. Clicking **Move up ... Move right** will slightly move subtitles around the screen.



Move up	Alt+Up	
Move down	Alt+Down	
Move left	Alt+Left	
Move right	Alt+Right	

## **Movavi Account**

### How to log in or register

To log in or register to your Movavi account, click on the icon in the top-right corner of the launcher and select **My Account**.

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	Our Video Editing vices	High-C Videos	Quality Stock	Recreat Tricks	te Zack King's
	♥ Favorites	Video 🎵 Audio	Photo	Data	
Favorites					
Video Editor		Video Converter Launct	24 🗸	Screen Recorder	h 📮
AI Upscaling	24 🗸	Photo Editor	24 🗸	Mobile Companion	
		Buy Launch			Try Out

Choose how you want to login or register:

• with Google

• with a special link (we'll send you an email with a link to log in instantly and without a password)

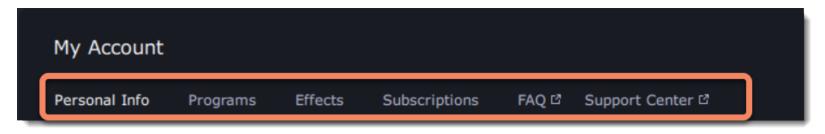
	Log in to your Movavi Account New here? Create an account
Movavi Account	G Log In With Google
Log in to activate your programs and manage your subscriptions	C C C C C C C C C C C C C C C C C C C
	Need help activating?

### **Movavi Account**

Your account page has the following categories:

- Personal Info: view your account info and change password.
- Programs: view all the Movavi programs that you purchased.
- Effects: here you can find your effect packages from Movavi Effects Store and install the new ones. More about installing packages
- Subscriptions: view and renew your subscriptions to Movavi programs.
- FAQ: go to our FAQ page.
- **Support**: go to our support center.

Note: when you purchase an item, it gets linked with the email you provide at checkout. In you account, you only see what you bought with the email you logged in with.



Please note: all purchased programs and effects are linked to the email you provided during the purchase. If you made a purchase using a different email and do not see new products in your personal account, you can link additional email. To add a new email, go to the Personal Info section and click Add Email. An email with a confirmation link will be sent to the specified address.

Му Ассо	unt					
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To log out from your account, click on your email at the top-right corner of the program and select Log Out.

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FAQ 🗗	Support Center <sup>대</sup>		My Account Log Out

# Help and support

If you have any questions, visit the Movavi Support Center. You can also contact our support team via the chat or the contact form on the website.

### Frequently asked questions:

How to remove trial restrictions? Why do my videos have "trial version" on them What are the system requirements for running Movavi Video Suite? How to update the graphics card drivers?

# System requirements

	Minimum system requirements	Recommended configuration				
Operating system	Windows® 7/8/10 with la	Windows® 7/8/10 with latest service packs and patches				
Processor	Intel®, AMD®, or compatible dual-core processor, 1.5 GHz	2.8 GHz quad-core or higher multi-core 64 bit processor				
Graphics card	Intel® HD Graphics 2000, NVIDIA® GeForce® series 8 and 8M, Quadro FX 4800, Quadro FX 5600, AMD Radeon™ R600, Mobility Radeon™ HD 4330, Mobility FirePro™ series, Radeon™ R5 M230 or higher graphics card with up-to-date drivers	NVIDIA® NVENC hardware acceleration requires an NVENC-enabled graphics card with at least 512 MB VRAM and an up-to-date driver				
Resolution	1280x768, 32-bit color	1920 × 1080 or higher				
RAM	2 GB	8 GB				
Available disk space	830 MB for installation 2 GB for ongoing operations*	5 GB for ongoing operations HD video processing may require larger amounts of free disk space				
	Administrator permission	ons are required for installation				
	VHS capture requires a VHS	S player, and a VHS capture device				
Additional features:		Sound card for audio recording and playback				
		Intel® hardware acceleration requires a compatible Intel processor supporting Intel HD Graphics™ 2nd generation or higher				

Learn more

For intended performance, make sure that your graphics card drivers are up-to-date. Updating graphics card drivers

\* Free disk space is required to save the temporary recording file and the output video. The required amount of disk space will depend on the resolution, format, and length of your videos.

Movavi Video Suite may also run on slower machines, however, we cannot guarantee stable performance if the minimum requirements are not met.

# **Supported formats**

Video formats	Input	Output	Supported codecs
3GPP (.3gp), 3GPP2 (.3g2)			H.263, H.264, MPEG-4
	~	•	MPEG-4, VC-1, WMV V7
ASF (.asf)	~		
AVI (.avi)	<b>`</b>	~	H.264, MPEG-4, MJPEG
	•		DivX, Xvid, DV, Cinepack, Fraps, TechSmith, Uncompressed
DivX Video (.divx)	~		DivX
DVD	~	~	
Flash (.flv, .swf)	~	~	FLV1, H.264
	<b>~</b>		VP6, H.263, Flash Screen Video
		<b>~</b>	MJPEG
Matroska (.mkv)	~	<b>~</b>	H.264, MPEG-4, MJPEG, Theora, VP9
	~		DV, Uncompressed
MPEG Transport Stream (.m2ts)	~	~	MPEG-2, H.264
MPEG Transport Stream (.ts, .mts, .m2t)	~		MPEG-2, H.264
MPEG (.mpg, .vob)	~	~	MPEG-1, MPEG-2
MPEG (.mpeg, .mpe, .m1v, .dat, .mod, .tod, .vro)	~		MPEG-1, MPEG-2, H.264
MPEG-4 (.mp4)	<b>v</b>	~	MPEG-4, H.264
	~	-	H.263, MJPEG, ProRes
MPEG-4 (.m4v)	~		MPEG-4, H.264, H.263, MJPEG, ProRes
MXF – Material eXchange Format (.mxf)	~		MPEG-2, DV
OGV – Ogg Video (.ogv)	~	~	Theora
	~	•	MPEG-4
QuickTime (.mov)		~	
	~	•	H.264, MPEG-4, MJPEG
	Ž		AIC, ProRes, Sorenson 1/3, PNG
QuickTime (.qt)	•		H.264, MPEG-4, AIC, MJPEG, ProRes, Sorenson 1/3
RM (.rm, .rmvb)	~		Real Video 2/3/4, Cooker
WebM (.webm)	×	~	VP8, VP9
	~		VP7
WMV – Windows Media Video (.wmv)	~	~	WMV V8
	~		WMV V7, WMV 9, WMV 9 Screen, WMV 9 Advanced profile, MPEG-4, WMV 9.1 Image V2
WTV (.wtv)	~		H.264, MPEG-2
Audio formats	Input	Output	Supported codecs
AAC – Advanced Audio Coding (.aac)			AAC
AIFF (.aif,.aiff)	~	•	AIFF
APE – Monkey's Audio (.ape)	~		Monkey's Audio
	~		WAV
Au (.au, .snd)	•		FLAC
FLAC – Free Lossless Audio Codec (.flac)	×	<ul> <li>✓</li> <li>✓</li> </ul>	
MP3 – MPEG-1/2 Audio Layer III (.mp3)	~	<b>~</b>	MP3
MPEG-4 (.m4a)	×	~	AAC, ALAC
MPEG-4 ( .m4b)	~		AAC, PCM
Opus (.opus)	~		Opus
OGG – Ogg Audio (.ogg)	~	~	Vorbis
WAV – Waveform Audio File Format (.wav)	~	~	PCM
	<b>~</b>		AAC, MP3
WMA – Windows Media Audio (.wma)	<b>~</b>	<b>~</b>	WMA 9
	~		WMA Pro, WMA Voice
Image formats	Input	Output	
APNG (.apng)	~		

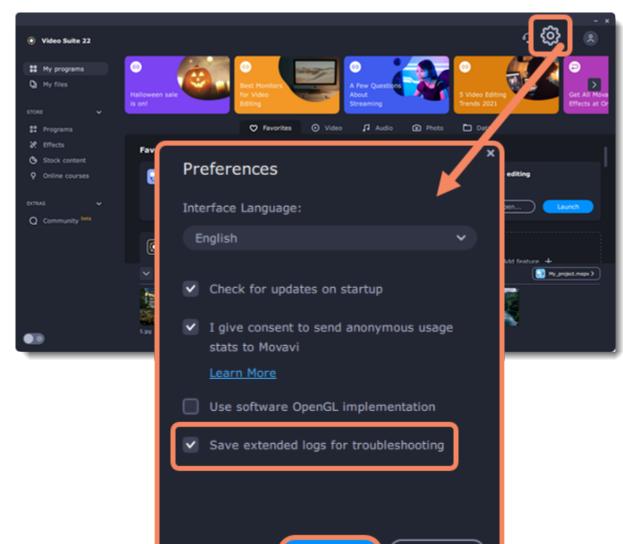
BMP (.bmp)	<b>~</b>	~	
DPX (.dpx)	~		
GIF (.gif)	<b>~</b>	~	
JPEG (.jpg)	<b>~</b>	~	
JPEG (.jpeg, .jpg, .jp2, .jls)	<b>~</b>		
Netpbm formats (.pgm, .pbm, .ppm, .pam)	<b>~</b>		
PCX (.pcx)	<b>~</b>		
PNG (.png)	~	~	
PTX (.ptx)	<b>~</b>		
SGI (.sgi)	<b>~</b>		
TARGA (.tga)	<b>~</b>		
TIFF (.tiff)	<b>~</b>	~	
WebP (.webp)	<b>~</b>		
XBM (.xbm)	~		
XWD (.xwd)	<b>~</b>		

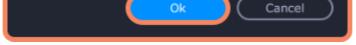
# How to collect logs

Providing your log files when you contact support can help us solve your problem faster. The logs contain the program's actions for some period of time, as well as important error reports and descriptions. The log files do not contain any personal information.

Note that extended logs give the most amount of information which may be essential to solving your problem. To save extended log files, go to **Preferences** in the top-right corner of the screen and check **'Save extended logs for troubleshooting'**.

Once you've done that, repeat the same actions in the program that previously caused errors.





After that, you need to collect logs and send them to us:

- 1. Download a <u>utility</u> which will collect logs.
- 2. Launch it and wait until the log collecting process ends.
- 3. Once the process is complete, the folder with the **movavi\_logs.7z** archive will open.
- 4. Send this archive to Movavi Support Center.

# Updating graphics card drivers

If you encounter an error message asking you to update your graphics drivers, you will need to download a new driver from your graphics card manufacturer's website and install it on your system. Some graphics card drivers also have a useful utility that notifies you when a driver update is available and updates the driver automatically. Keeping your graphics card drivers up-to-date will ensure stable performance of applications and games on your computer.

### Step 1: Find your graphics card manufacturer

- 1. Right-click your desktop and choose Screen Resolution
- 2. In the Screen Resolution settings window, click Advanced settings.

3. This will open your graphics card properties. At the top of the window, your graphics card model will be listed under the **Adapter Type** section. Note the full name of the graphics card somewhere for later.

### Step 2: Download the new version

Now that you've learned your graphics card manufacturer and model, go to the manufacturer's website and find driver downloads. There, look for the model or series that you've found earlier and download the driver installation file. Some manufacturers may also offer a utility that will automatically find the necessary driver.

NVIDIA download center

AMD download center

**Warning:** Only download drivers from the official manufacturer's website. Thirdparty websites offering driver downloads may contain malware.

### Step 3: Install driver

Once the file is completely downloaded, run the installation file and follow the onscreen instructions to install the driver on your system. Your display may blink several times in the process. After the installation has finished, it is advised that you restart the computer.

### **Updating NVIDIA® Driver**

Modern NVIDIA graphics cards come with a special application called **NVIDIA GeForce™ Experience** that monitors driver updates and allows you to optimize your computer's graphics performance.

1. Open the **NVIDIA GeForce Experience** application. It should already be installed on your system. If you cannot find the application, please try the method above.

2. In the **Drivers** section, click the **Check for updates** button to find the latest drivers.

3. When the application has found a newer driver, click the **Download driver** button. From here, the software will automatically download and install the necessary driver for your system.



### Updating AMD® or ATI® Driver

1. If you have an AMD or ATI graphics card, go to the Driver Download Center on AMD's official website. <u>AMD Driver Download Center</u>

2. Download the auto detect utility and run it when the download has finished.

#### Download Auto Detect Utility

3. The utility will then automatically find your graphics card and help you download and install the right driver for your system. If the utility fails to find a driver for you, you can manually select your graphics card model and operating system on the Driver Downloads page and download the driver.

4. After the driver has downloaded, run the installation file and follow the on-screen instructions to install it.5. After the driver has been installed, it is recommended that you restart your computer.

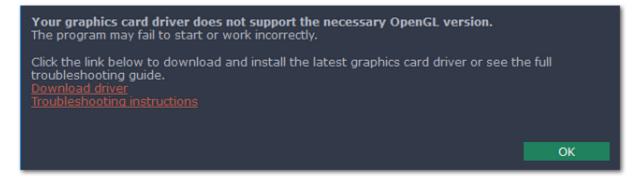
If none of the above steps have helped, visit the <u>Movavi Support Center</u> or contact our support team via the chat or the <u>contact form</u> on the website.

If possible, please include the name of your graphics card model (see Step 1), as well as screenshots of any error messages you have encountered. This will help our support team specialists solve your problem quicker.

# **OpenGL troubleshooting**

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If you see the following message about OpenGL when you open Movavi Video Suite, your computer most likely does not support the necessary version of OpenGL. To run Movavi Video Suite, your computer needs to support at least OpenGL version 2.0, and version 2.1 is required for smooth performance.



OpenGL is a software interface that manages graphics output. Usually, OpenGL is handled by your graphics card driver. However, some graphics cards do not support the necessary version of OpenGL. For these graphics cards, you can try the steps below:

### Step 1: Update your graphics card driver

Sometimes, this issue may occur when something is wrong with the graphics card drivers or they are out of date. Download the driver installation file from the manufacturer's website and install it following the on-screen instructions. Detailed instructions on updating the driver

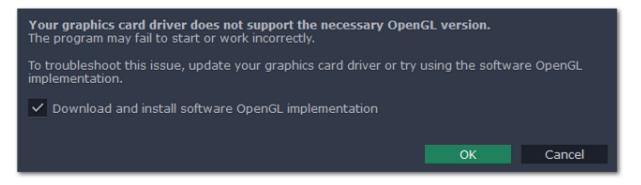
It is recommended that you restart the computer after installing driver software. After that, try starting Movavi Video Suite. If you see an error message again, proceed to the next step.

### Step 2: Try the software OpenGL implementation

If your graphics card still doesn't support OpenGL 2.1 even after updating the driver, you can use a software alternative:

In the message you see after starting Movavi Video Suite, select the Download and install software OpenGL implementation box.

Or, in the main Movavi Video Suite window, open the **Settings** menu and choose **Preferences**. There, select the **Use software OpenGL implementation** option and click **OK**.



After that, the software OpenGL package will be automatically downloaded and installed. When the installation is finished, restart Movavi Video Suite.

### If these steps haven't helped:

- Check that your computer meets the minimum system requirements. Your graphics card must support at least OpenGL 2.0.
- <u>Contact our support team</u>. Provide your graphics card model and list the steps you've taken to solve the problem.

## Hardware acceleration

Movavi Video Suite is optimized for the latest Intel®, NVIDIA®, and AMD hardware acceleration technologies.

### Intel acceleration

Movavi Video Suite supports hardware acceleration provided by Intel® multi-core processors and integrated graphics, which allows for faster encoding/decoding, as well as simultaneous conversion of a large number of files by employing the full power of each core. Performance grows up to 400% for **H.264** and **MPEG-2** codecs and up to 8 files can be processed simultaneously.

#### **Supported Formats**

Input Video Formats: AVI, MP4, FLV, MKV, MOV, MPEG2-TS with H.264 codec; MPEG (MPEG2 PS, MPEG2 TS) with MPEG1/MPEG2 codec;

WMV with VC-1 codec.

Output Video Formats: 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec; M2TS, MPEG with MPEG2 codec.

### **NVIDIA acceleration**

If your computer is equipped with an NVIDIA® graphics card, you can use it to accelerate media file processing up to 5x by shifting a part of the workload to the graphics processing unit, freeing up your computer's CPU for other tasks. This technology supports the newest NVIDIA® graphics cards, including GeForce<sup>™</sup>, GeForce Mobile, Quadro, and Quadro Mobile.

CUDA<sup>™</sup> technology allows you to speed up video conversion to AVI, MP4, FLV, MKV, MOV and MPEG-2 TS formats with the H.264 codec.

### **AMD** acceleration

If your computer is equipped with an AMD graphics card, you can use it to accelerate media file processing up to 2,5x, especially for heavy files (2K & 4K).

Output Video Formats: 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec. MP4, MOV, MKV, M2TS with H.265 codec.

### **Enabling hardware acceleration**

To enable Intel or NVIDIA acceleration in Screen Capture, or Video Converter:

1. Open the Settings menu and select Preferences.

- 2. In the Preferences window, select the acceleration method that is compatible with your computer.
- 3. Click **OK** to accept the changes.

To enable Intel or NVIDIA acceleration in the Video Editor:

1. Open the Edit menu and select Preferences.

2. In the Preferences window, switch to the **Acceleration** tab.

3. Select the acceleration method that you prefer. For Intel® acceleration, you can choose hardware or software acceleration methods for each of the supported codecs.

4. Click **OK** to accept the changes.

### Troubleshooting

If the acceleration option is unavailable it may mean one of the following:

- · Your computer is not equipped with the right hardware
- The driver may be out of date or not installed.

Intel Download Center

Updating graphics card drivers