



Movavi Video Suite 21

What do you need help with today?

[Removing trial restrictions](#)

Activate **Movavi Video Suite** save videos without a watermark and remove all restrictions.

[Recording screen](#)

Capture any fragment of your screen or the full desktop.

[Capturing video](#)

Record video from a camera.

[Editing video](#)

Create a movie from videos and photos

[Cutting video](#)

Cut video files into multiple files or cut out scenes.

Need more help?

Visit the [Movavi Support Center](#)

Table of Contents

Activating Video Suite.....	4
Trial limitations	4
Activating without Internet access.....	4
Getting an activation key.....	6
Managing subscription	6
Launcher	7
File library	9
Uploading files online	12
Edit video	13
Activating and installing packages	14
Quick Video mode	15
New Project mode – quick start.....	17
Creating and managing projects	19
Appending a project	20
Adding media files	20
Creating an intro.....	21
Recoding video	22
Preview and organize clips	23
Gaps on the Timeline	25
Edit and enhance clips.....	26
Rotating videos and images.....	28
Cutting clips	28
Cropping video.....	30
Color adjustments.....	31
Video speed.....	33
Reversing video	34
Image duration.....	35
Fading video	36
Creating overlays.....	36
Adding a watermark	39
Creating a freeze frame	41
Removing black bars.....	42
Fading effects	42
Adding and editing audio.....	44
Recording audio.....	44
Extracting audio from videos.....	45
Looping audio	46
Volume curves	46
Linking audio.....	47
Fading audio	47
Equalizer	48
Noise removal.....	48
Audio effects	49
Beat detection.....	50
Synchronization.....	51
Filters.....	52
Transitions	53
Titles	54
Timer	56
Saving a preset	56
Stickers.....	57
Animation	58
Pan and zoom	60
Stabilizing video.....	61
Highlight and conceal	63
Chroma key.....	65
Exporting videos	66
Export only audio.....	68
Export for devices.....	69
Export for TVs	71
Uploading online	73
Partial project export.....	76
Editor preferences.....	77
General preferences	78
File preferences	78
Sharing preferences.....	79
Acceleration preferences	80
Convert files	81
Launch the converter.....	82
Converting media files	83
Opening media.....	86
Choosing output format	87
Compressing files	88
Converting DVDs.....	89
Creating GIFs from videos	91
Merging files.....	92
Customizing presets	93

Image formats.....	95
Audio formats.....	97
Devices.....	98
Media streams	100
Audio tracks	101
Subtitle tracks	102
Online subtitle search.....	103
Extracting subtitles.....	105
Editing media files	105
Trimming files.....	107
Rotating video.....	109
Cropping video.....	110
Adding a watermark	111
Editing subtitles.....	112
Adding effects	114
Adjusting colors.....	114
Adjusting audio	115
Low volume detection.....	116
Stabilizing video.....	117
Uploading files to iTunes.....	118
SuperSpeed conversion.....	118
Taking a snapshot	119
Preferences	120
General preferences	120
Conversion preferences.....	121
Acceleration preferences	122
Record computer screen	123
How to open the capture module	123
Control panel.....	124
Recording video from screen	125
Recording audio only.....	128
Recording webcam only	129
Mouse cursor effects	131
Recording keystrokes	133
Scheduling.....	134
Time limit.....	136
Editing recordings	137
Opening the player	138
Navigating files.....	138
Cutting recordings.....	139
Changing the format.....	140
Advanced settings.....	141
Sharing videos	142
Uploading videos to YouTube	143
Uploading videos to Google Drive	143
Getting link to video	144
Taking screenshots	144
Sharing screenshots	145
Screen Recorder preferences	146
General preferences	147
File preferences	148
Keyboard shortcuts.....	149
Video preferences.....	149
Webcam preferences.....	150
Effects	152
Scheduler	152
Sharing preferences	153
Capture video.....	153
Import AVCHD	155
Capture audio	156
Split video	157
How to split video.....	158
Opening files.....	159
Playback.....	160
Cut out parts.....	160
Liking a scene	161
Using the brackets.....	161
Trimming from the ends	162
Splitting clips	162
Editing clips.....	162
Saving the result.....	163
Keyboard shortcuts.....	164
Splitter preferences.....	164
Play video and audio.....	165
Opening files.....	166
Playback.....	166
Adjust video	167
Change audio track	167
Subtitles.....	168

Movavi Account.....168

Help and support.....170

System requirements.....170

Supported formats170

How to collect logs171

Sound troubleshooting.....172

Uninstalling Movavi Sound Grabber.....174

Installing ACE on the M1 chip Mac with MacOS 11 (Big Sur).....174

Activating Video Suite

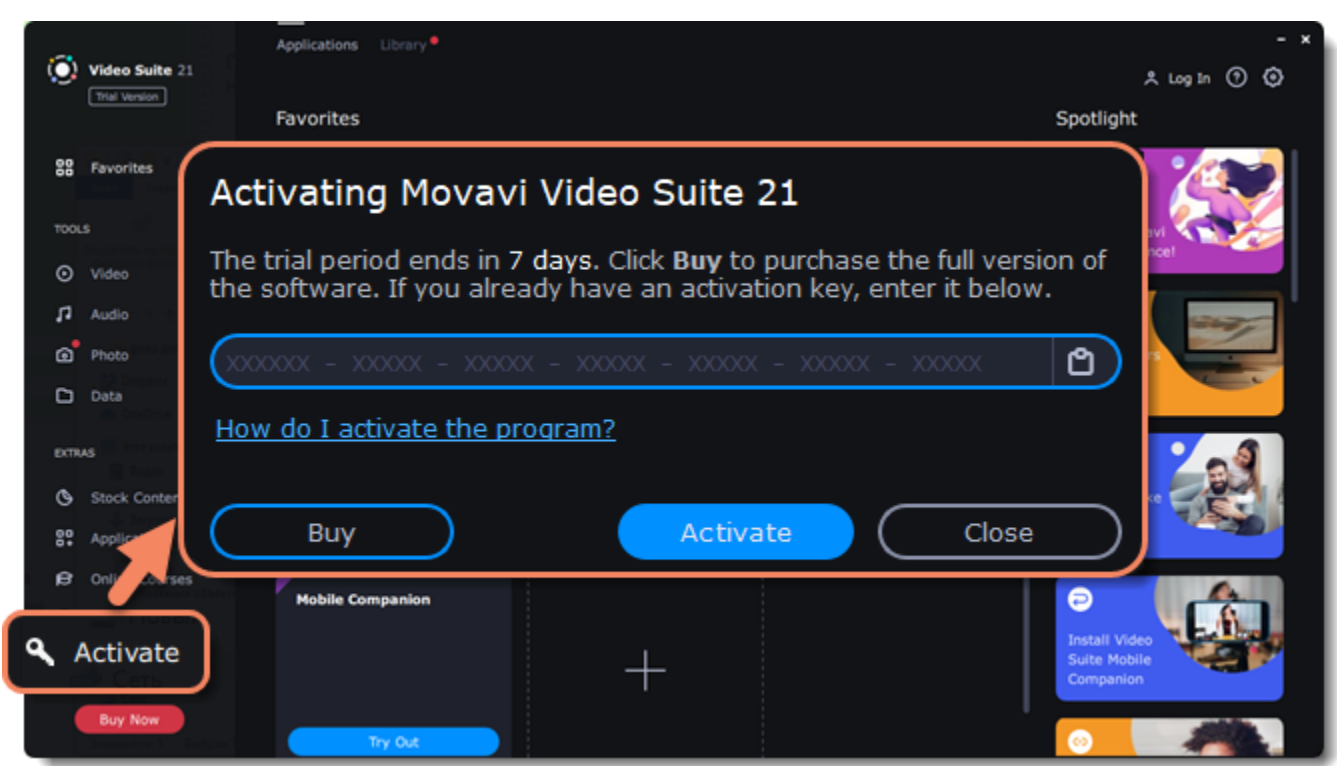
Buy Activation Key

Click the button below to buy an activation key. After the purchase is completed, the key will be delivered to you via email.



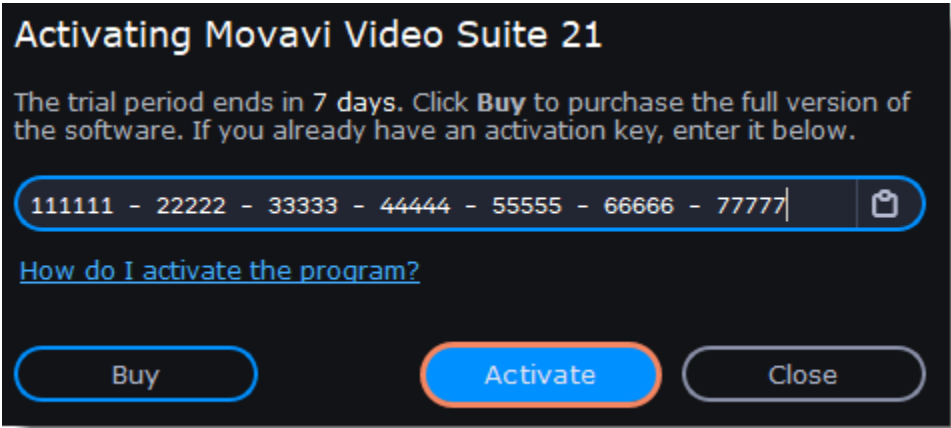
Open the Activation window

Open the **Movavi Video Suite** launcher and click the **Activate** button.



Activate the program

Enter your activation key and click **Activate**.



Trial limitations

When you first start your copy of Movavi Video Suite, it will be running in **LIMITED TRIAL MODE**. In trial mode, you can try out all of the main features, but the following trial restrictions will apply:

TRIAL VERSION	FULL VERSION
✗ Movavi Video Suite 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
✗ You can only convert half of each audio file and half of each video if you use SuperSpeed mode	✓ Unlimited video and audio conversion
	✓ Free updates
	✓ Discounts on other Movavi products and upgrades

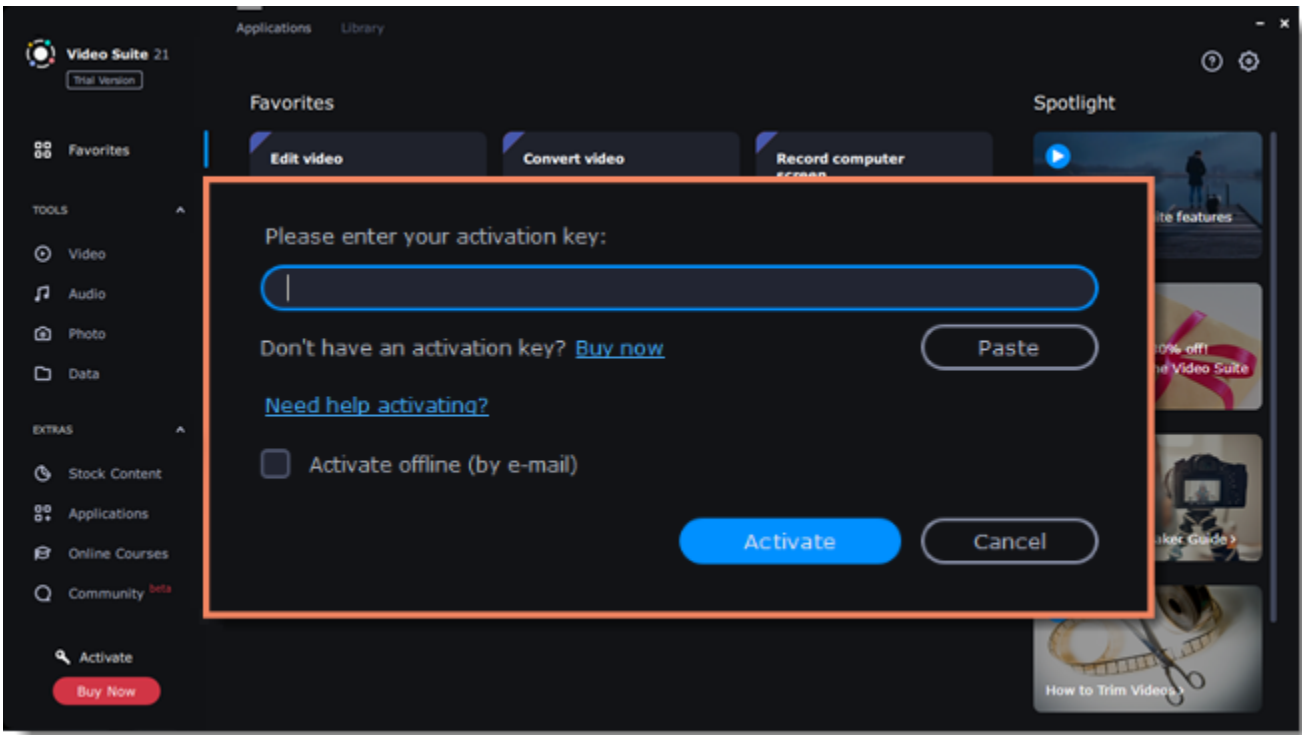
Activating without Internet access

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

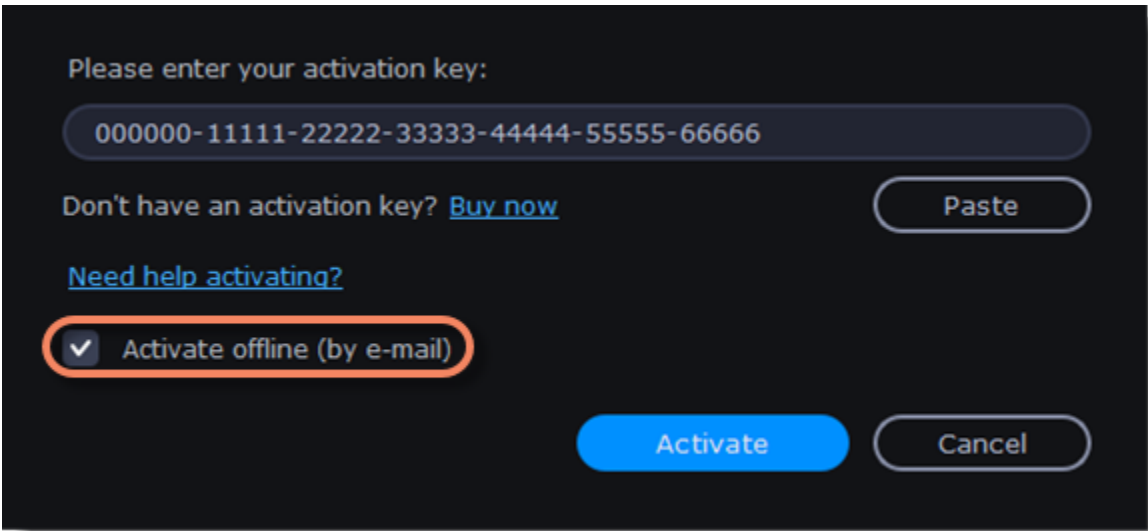
Buy Activation Key

Step 2:

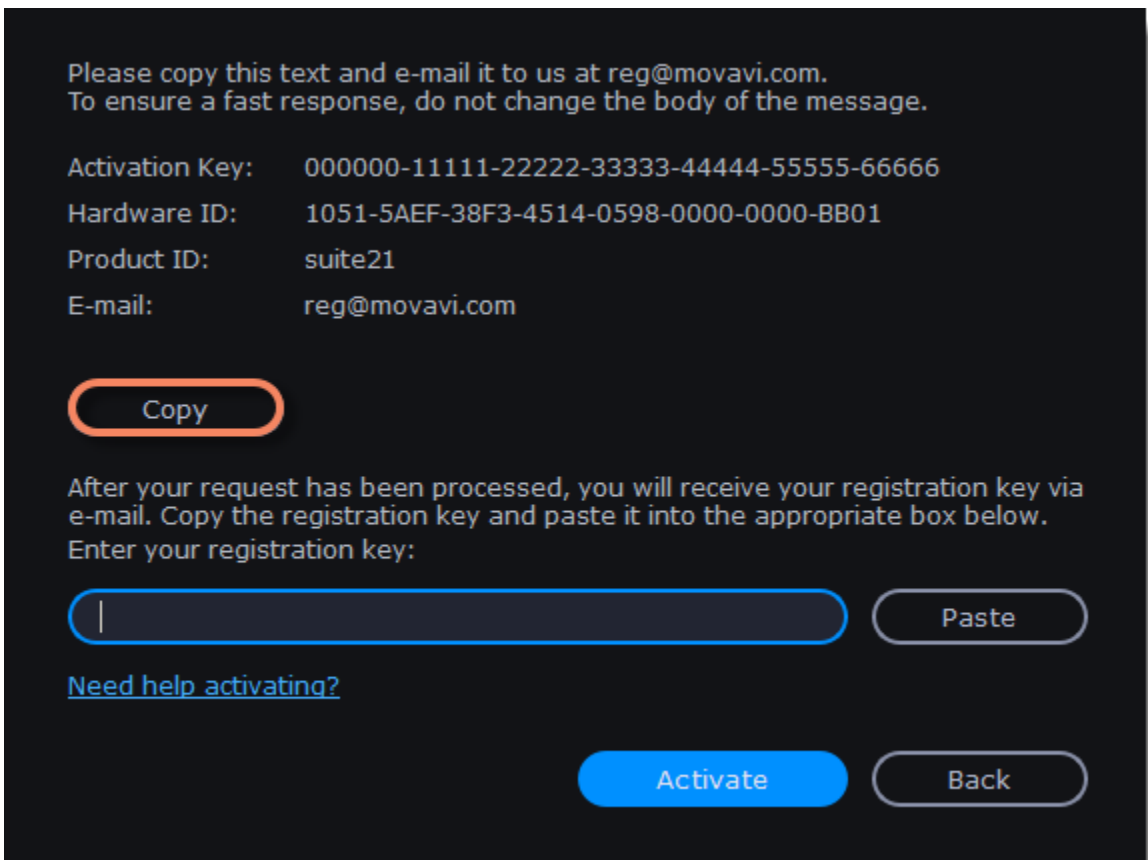
- Open the **Movavi Video Suite** launcher and click the **Activate** button.
- Or launch any application in **Movavi Video Suite**, then open the **Help** menu and select **Activate Software**.



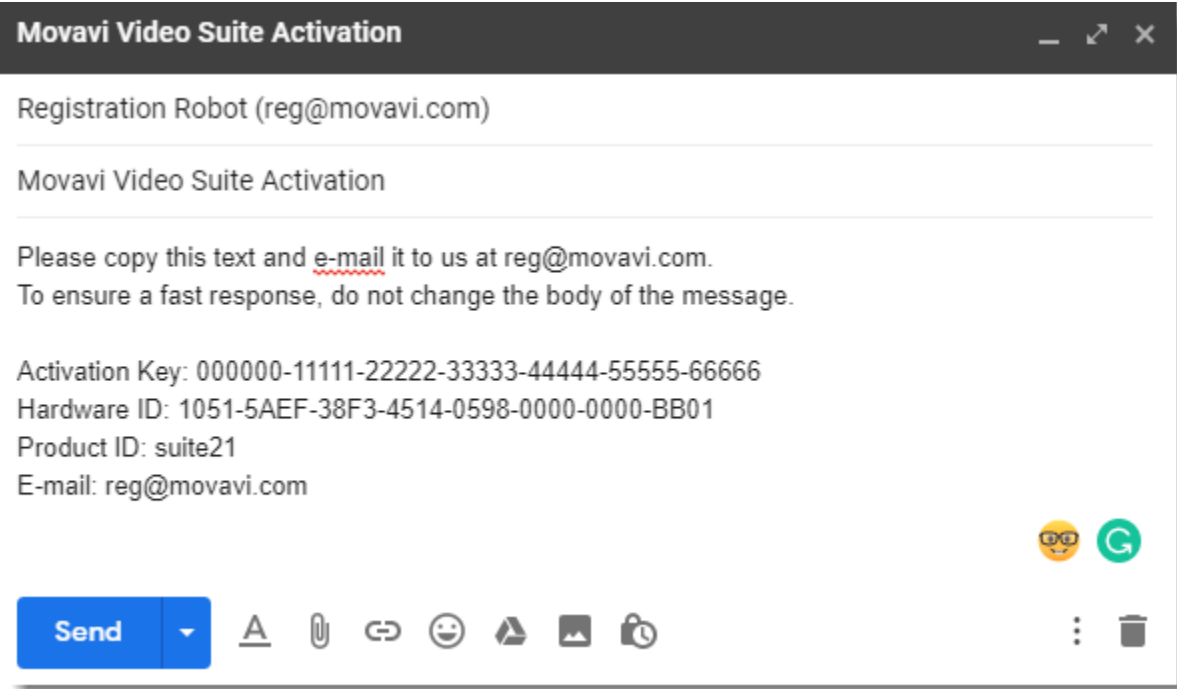
Step 3: Enter your activation key and select the **Activate offline** option. Then, click **Activate**.



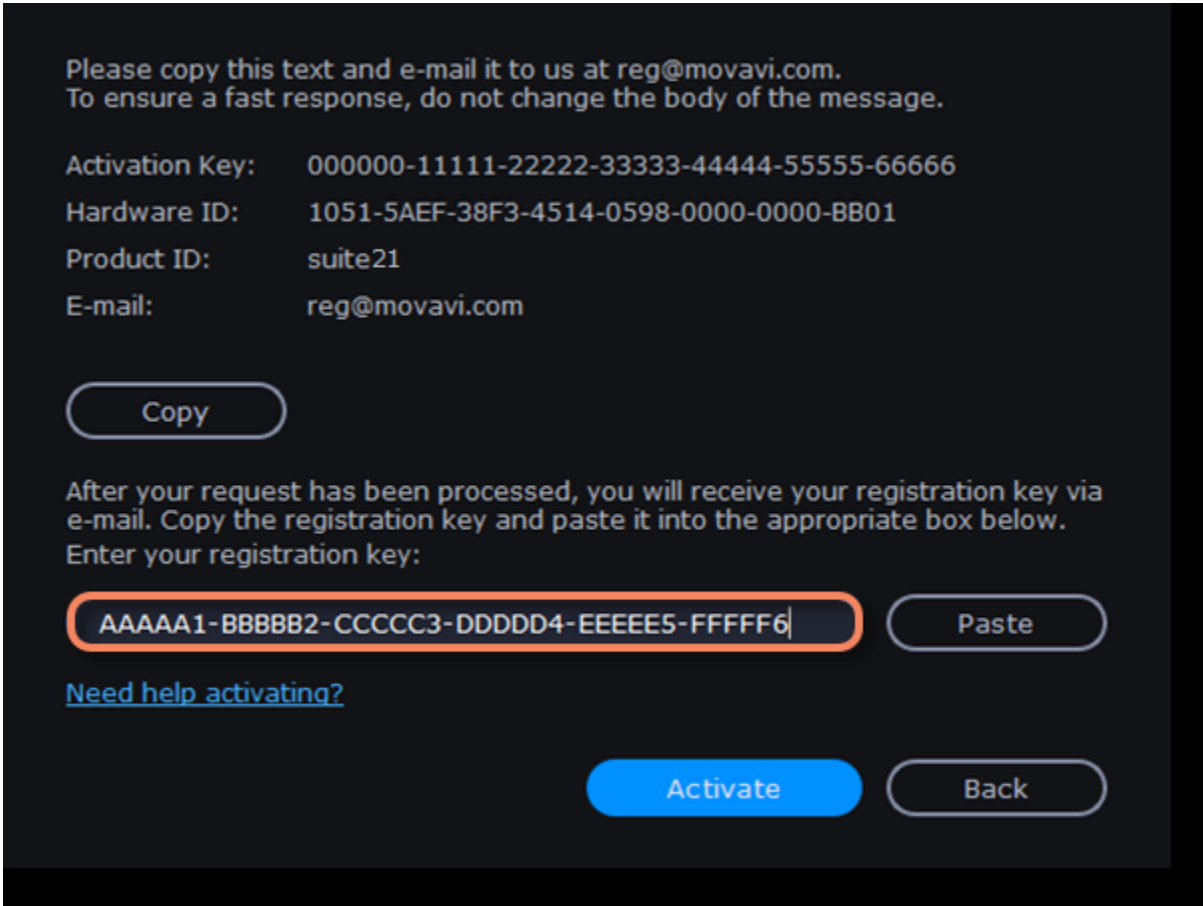
Step 4: In the next window, click **Copy** and transfer this information to a computer or device with an Internet connection.



Step 5: When you have access to the Internet, paste the information you copied into a new email and send it to reg@movavi.com. 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**.



Step 6: 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**.



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 email.

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.*



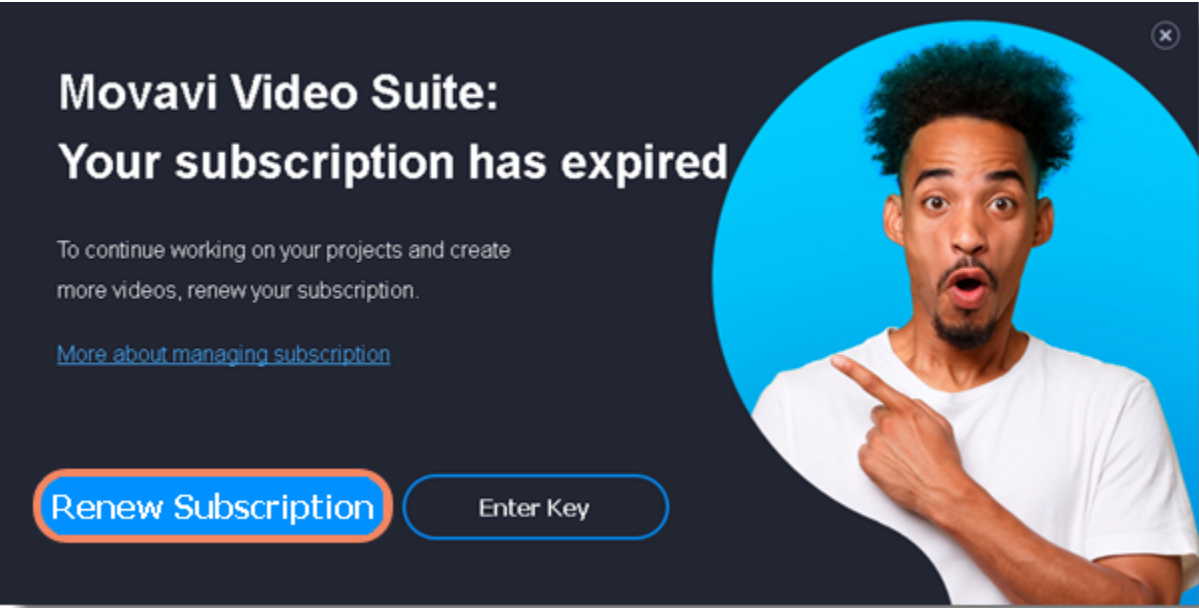
2. On the purchase page, click the **Buy Now** button next to the type of license that you need.
 - If you're a home user, choose the **Personal License**.
 - If you're planning to use Movavi Video Suite for work, business, or government organizations, choose the **Business License**.
3. Fill in your billing information and enter a valid email address. **IMPORTANT!** We will send the activation key to this email 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 email with your **activation key**.

If you haven't received your activation key:

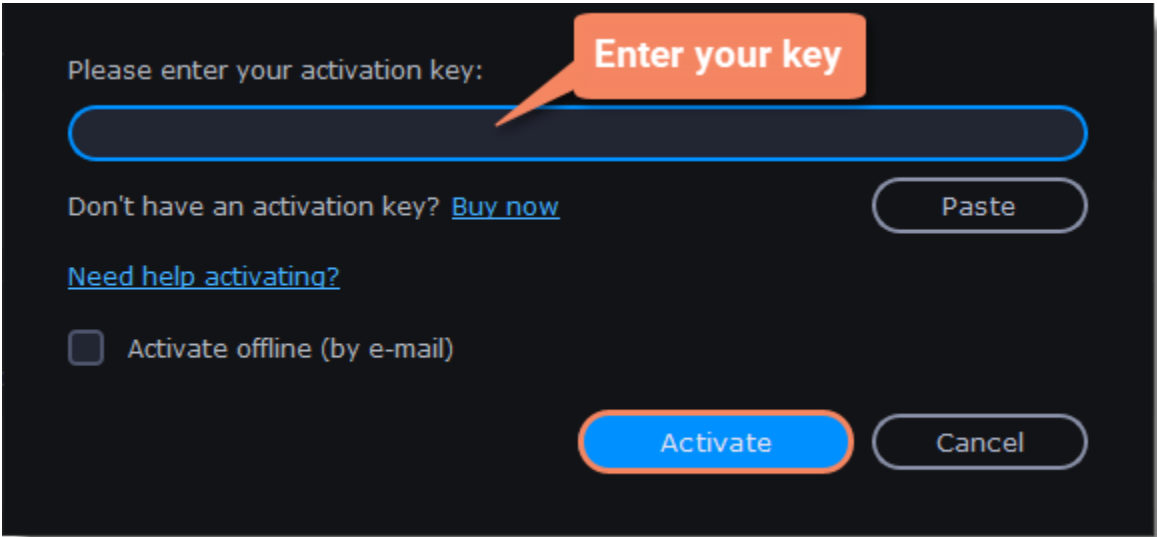
- Check the Spam folder of your mailbox
- Visit the [Movavi Support Center](#) and we will do our best to help you.

Managing subscription

If your subscription has expired, you need to renew it to continue using the program.



To renew your subscription, click the **Renew Subscription** button. A web page will open, where you can buy the license. Once you've made a purchase and received the activation key in an email, copy the key and paste it into the program window. Then click **Activate**.



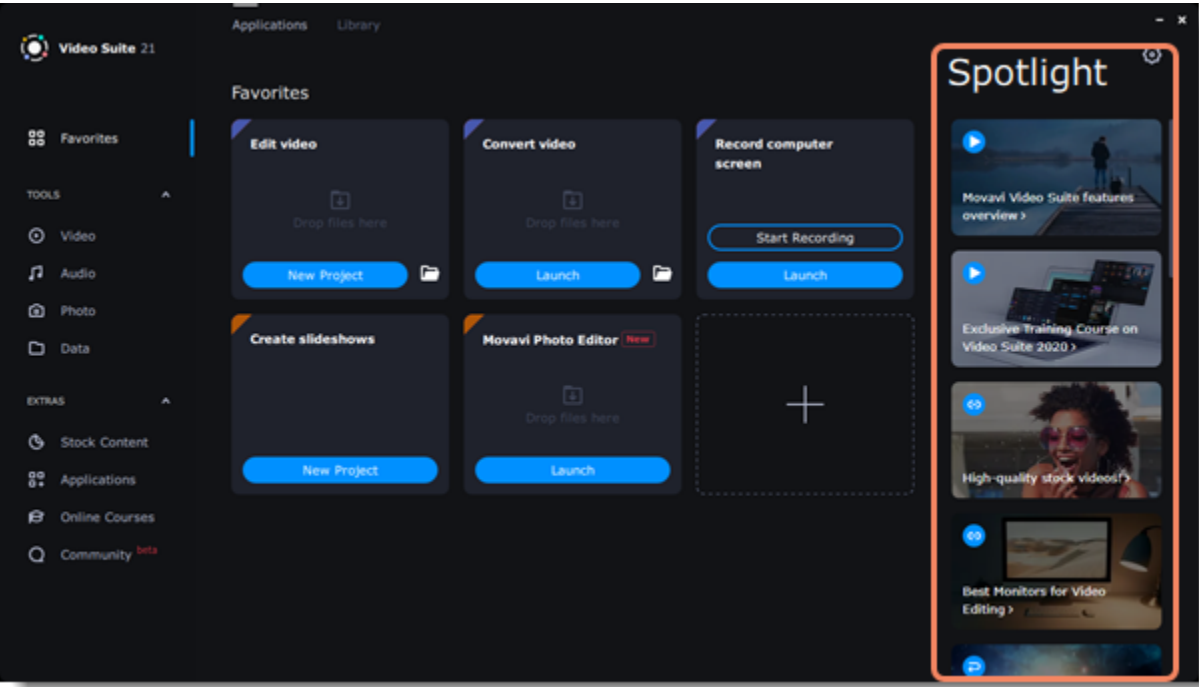
Have troubles renewing the subscription?

- If you haven't received an email with the activation key within an hour, check the Spam folder in your email box.
- Visit the [Movavi Support Center](#). Our experts will help you figure out and solve any of the related problems.

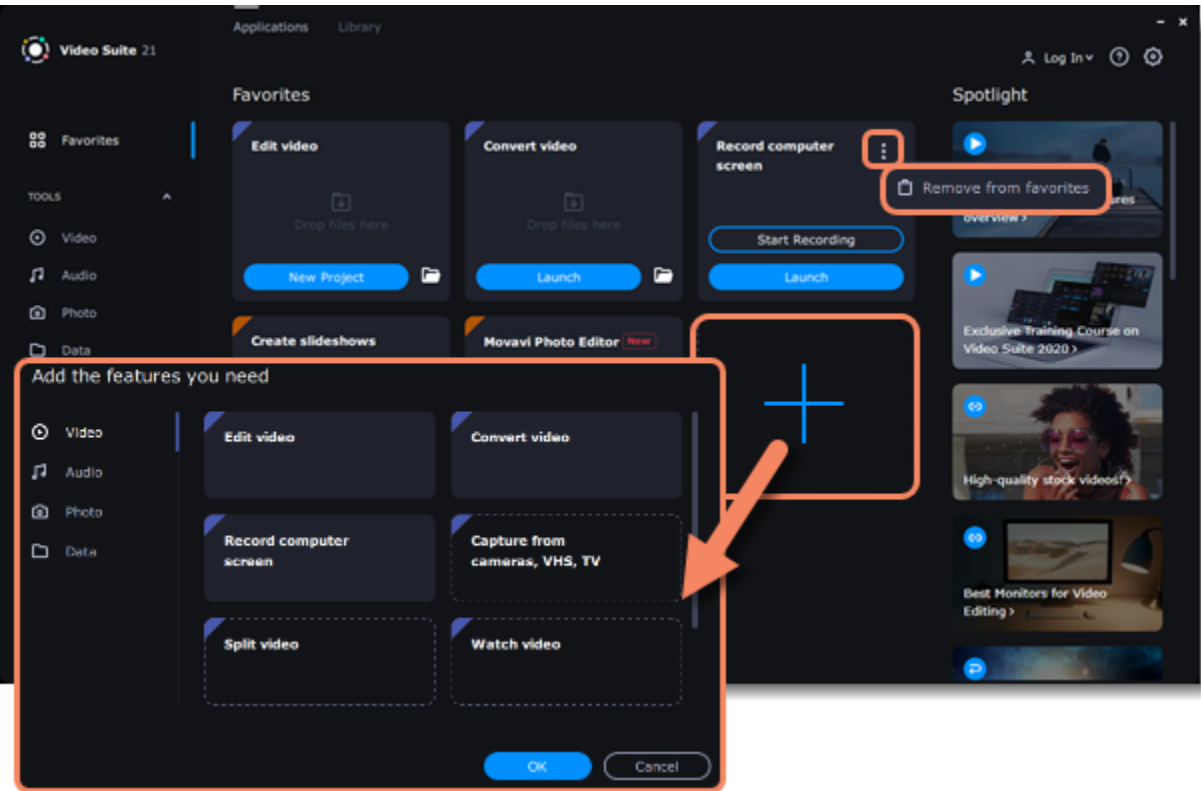
Launcher

The interface of Movavi Video Suite is divided into three main regions: the **features** menu, the **Favorites** board and **Spotlight**.

The **Spotlight** section offers the latest news, interesting articles, and helpful tutorials.

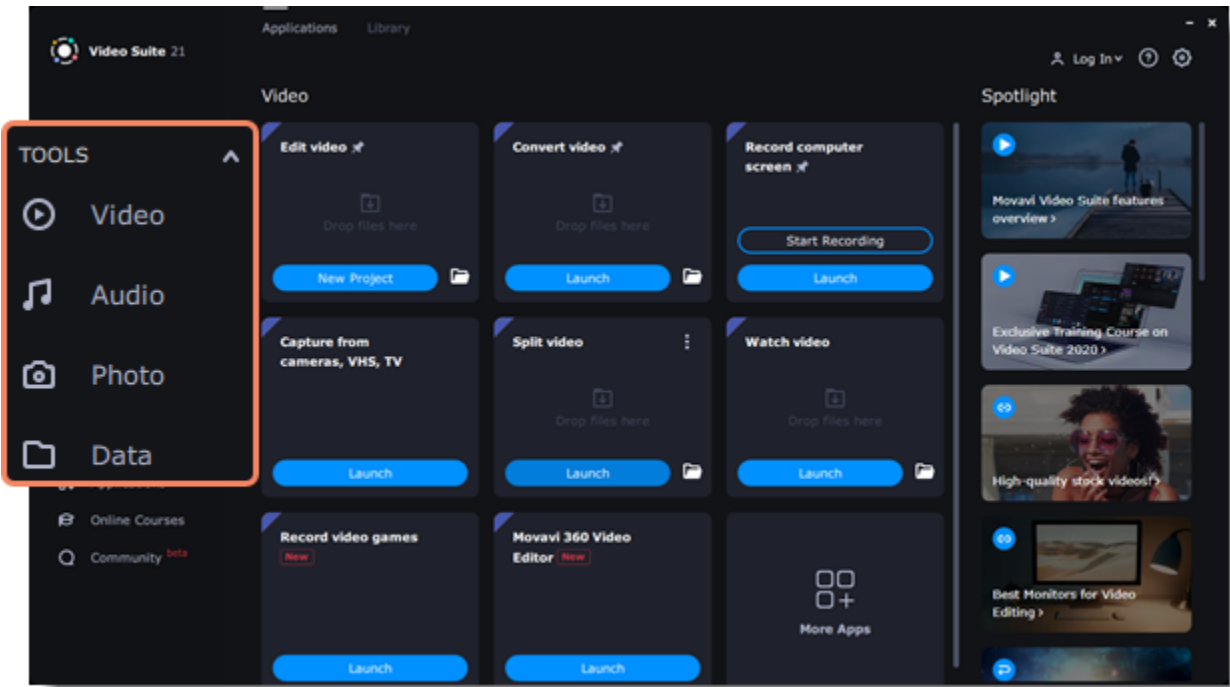


The **Favorites** board allows you to add the functions you use the most to begin working right after the program starts. To add a new feature, click the **plus** button and select the feature you'd like to set up quick access to. It will appear on the quick access board. To remove a feature, click the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



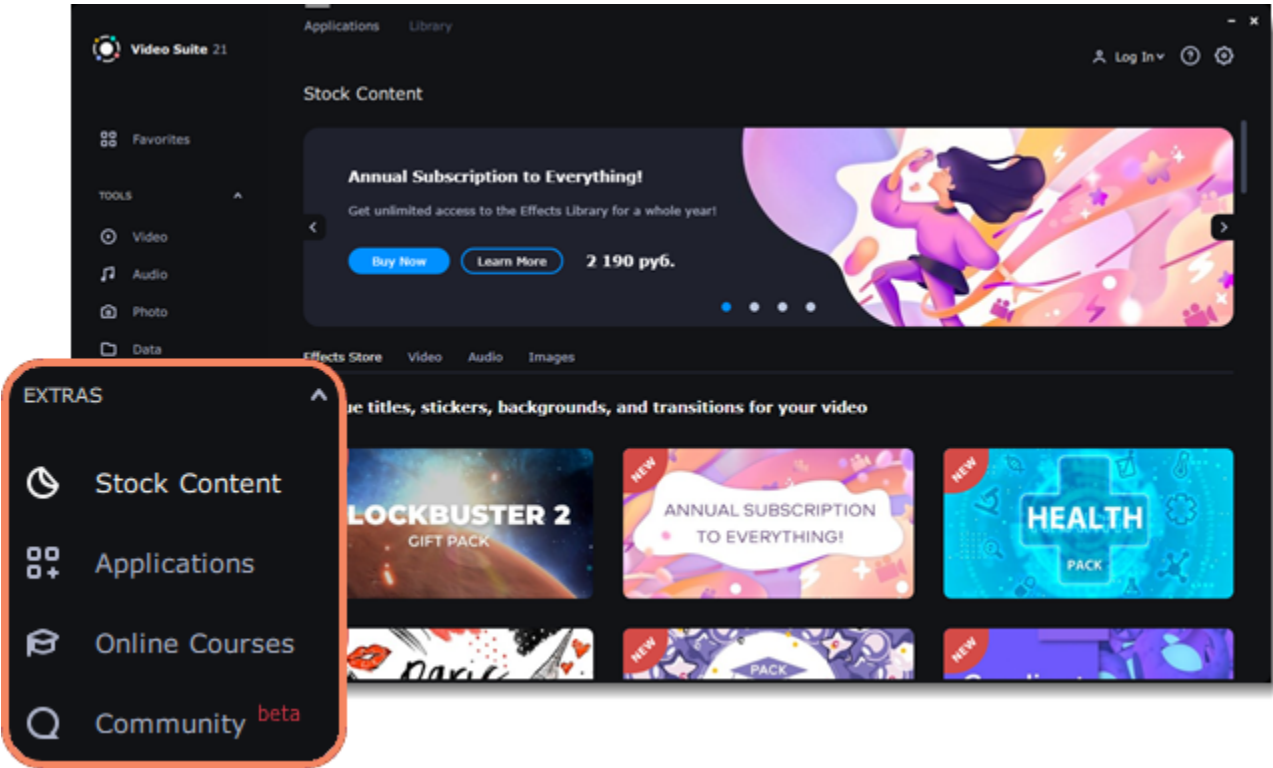
The **features** menu consists of Tools and Extras. The **Tools** are sorted according to the media type:

- In the **Video** tab, you can choose to edit, convert, trim, or watch a video, as well as record your screen and capture TV or VHS-signal.
- The **Audio** tab offers to convert, record, play and even burn your music to a CD or DVD.
- In the **Photo** tab, you'll also be able to convert pictures as well as make a slideshow with music and transitions.
- The **Data** tab will help you import an AVCHD video, burn a disc or copy one.



The **Extras** section offers you more content to enhance 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 **Applications** tab offers more programs for working with different kinds of media and documents.
- 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.
- In the **Community** tab you can share your videos, participate in contests, and watch useful tutorials.



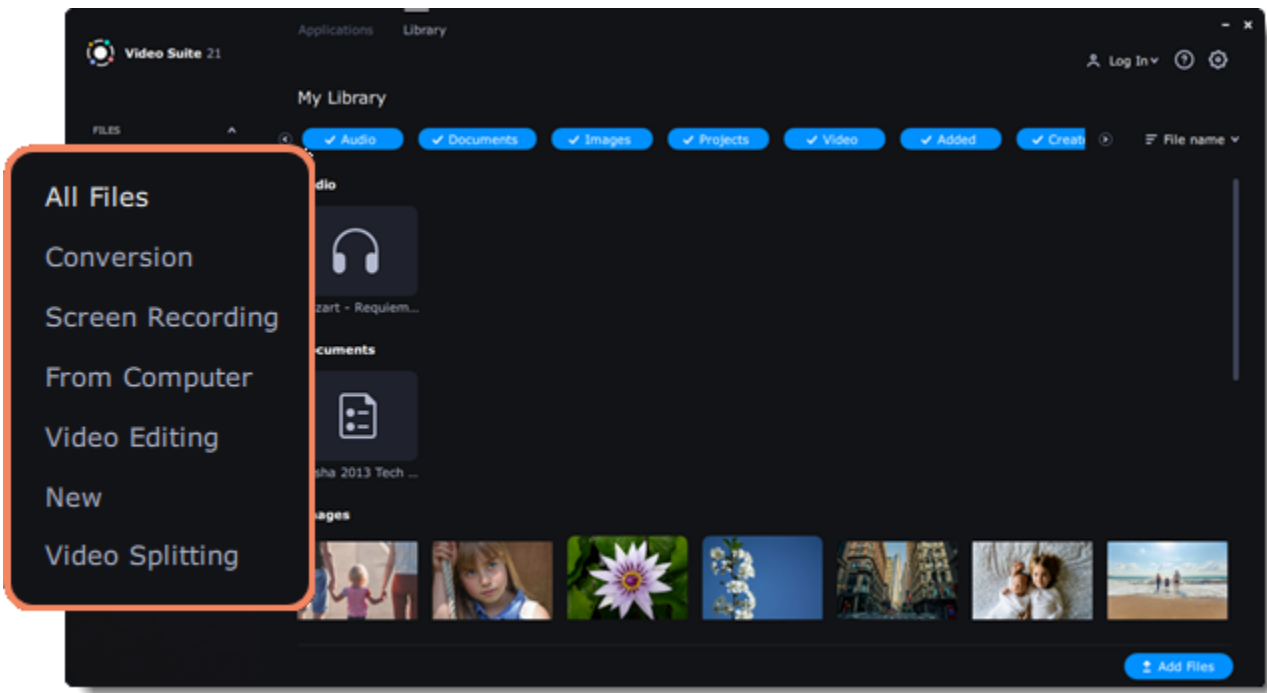
Clicking the **Favorites** button will take you back to the quick access board.

File library

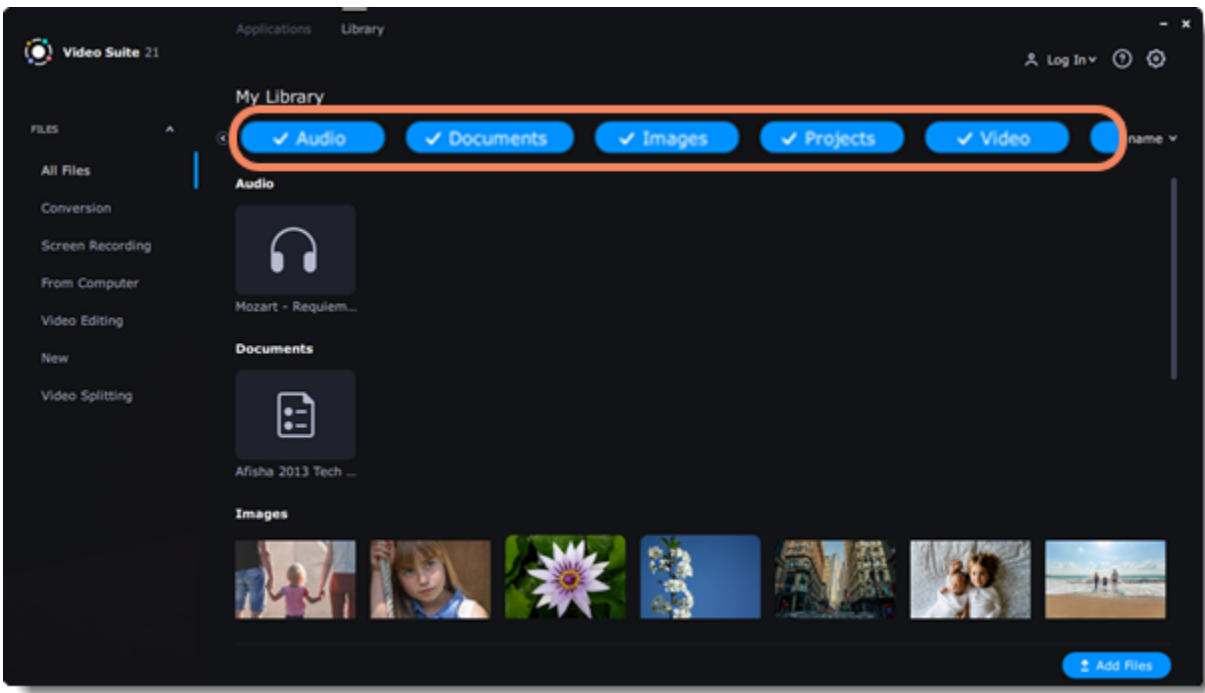
File library stores all the files and projects you work with in the Movavi Video Suite applications. You can also add files to the library manually and open them in any application.

Your files in the menu are sorted into categories:

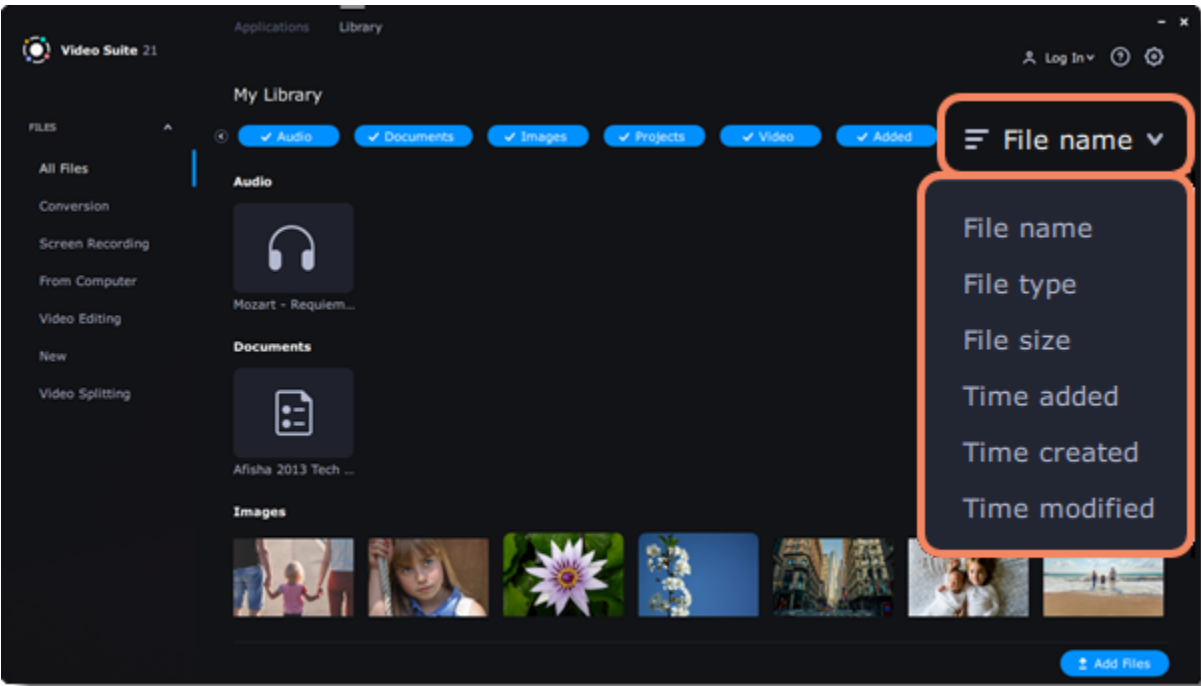
- **All Files:** all the files in your library.
- **From Computer:** files that you uploaded to the library directly from your computer.
- **New:** recently added files.
- **Favorites:** files that you added to favorites.
- **Conversion:** converted files from the conversion application.
- **Screen Recording:** your screen captures from the screen recording application.
- **Video Editing:** all the files you added to the video editing application, your projects, and exported videos.
- **Video Splitting:** split video from the video splitting application.
- **Video Capture:** camera captures from the video and audio capture application.



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

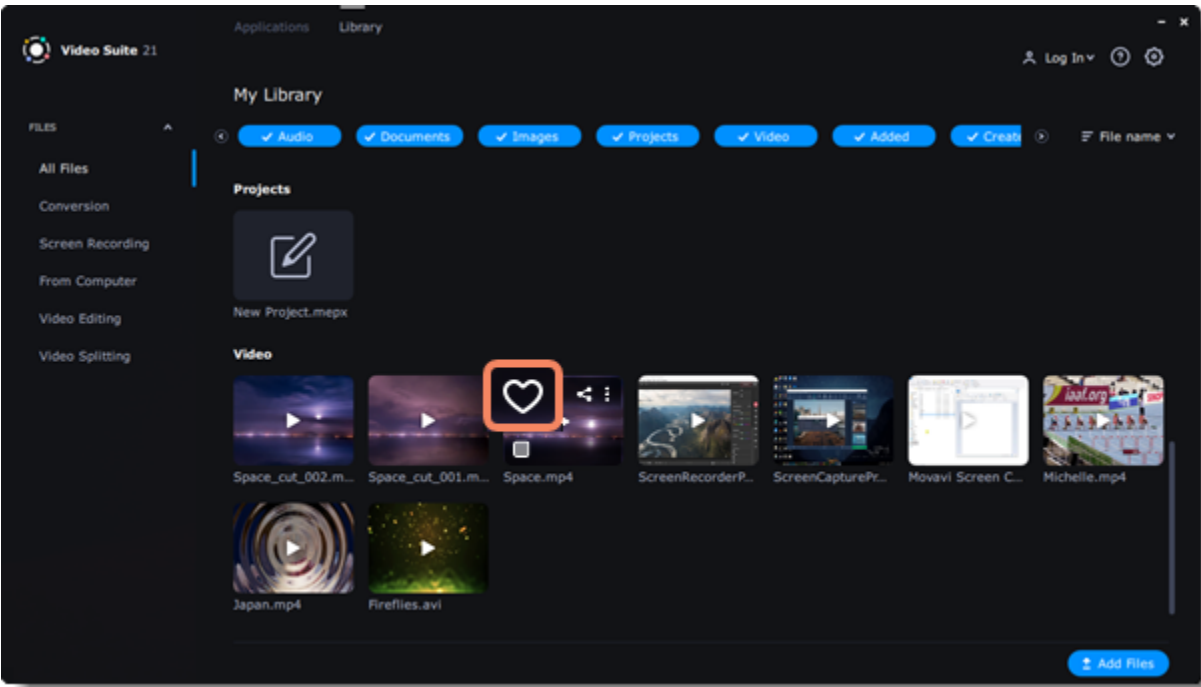


You can choose how the files in your library are sorted. To do that, click the arrow and select the option you want.



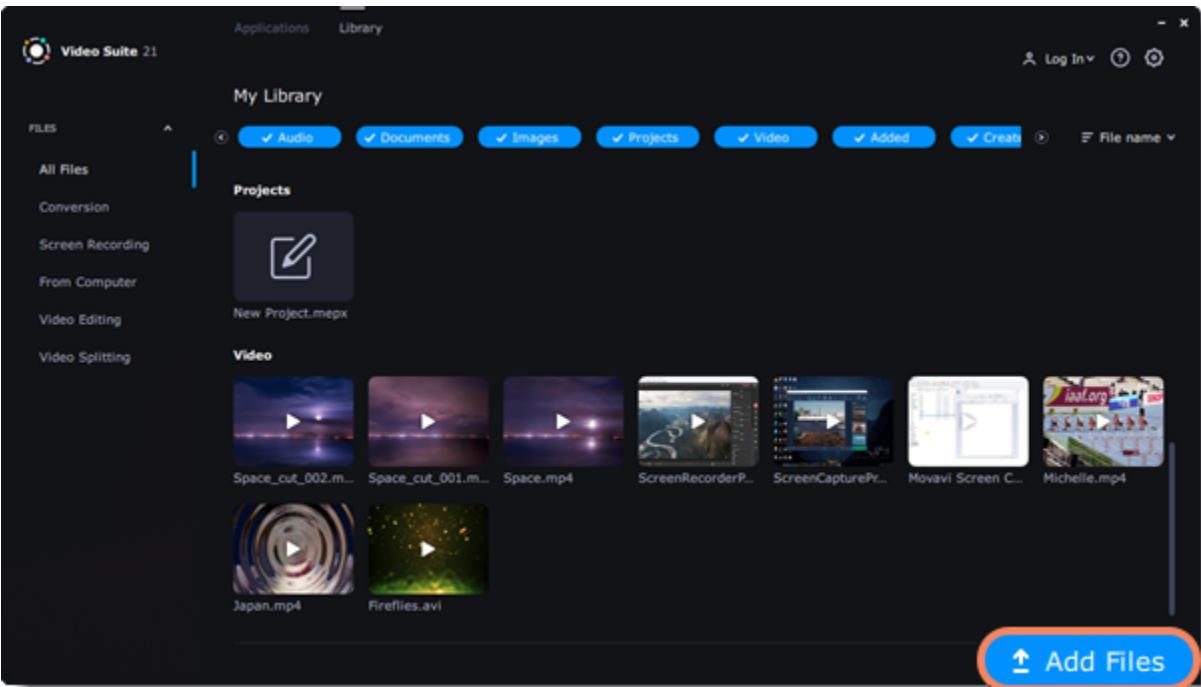
Adding files to favorites

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



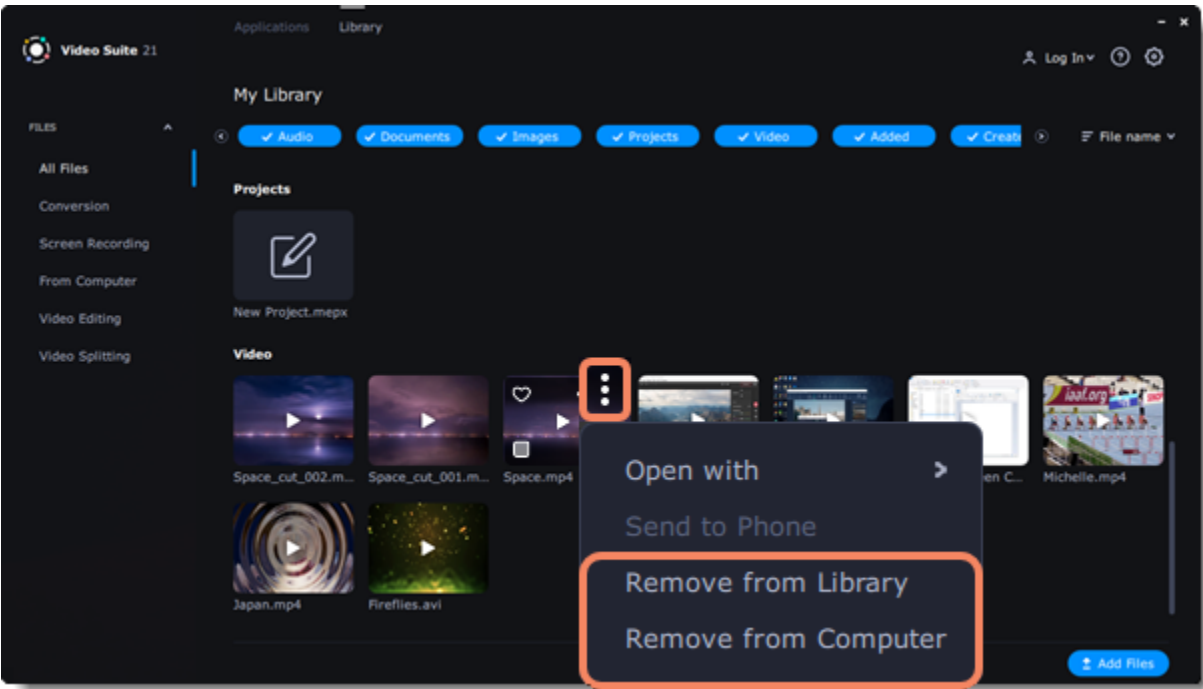
Adding files to library

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

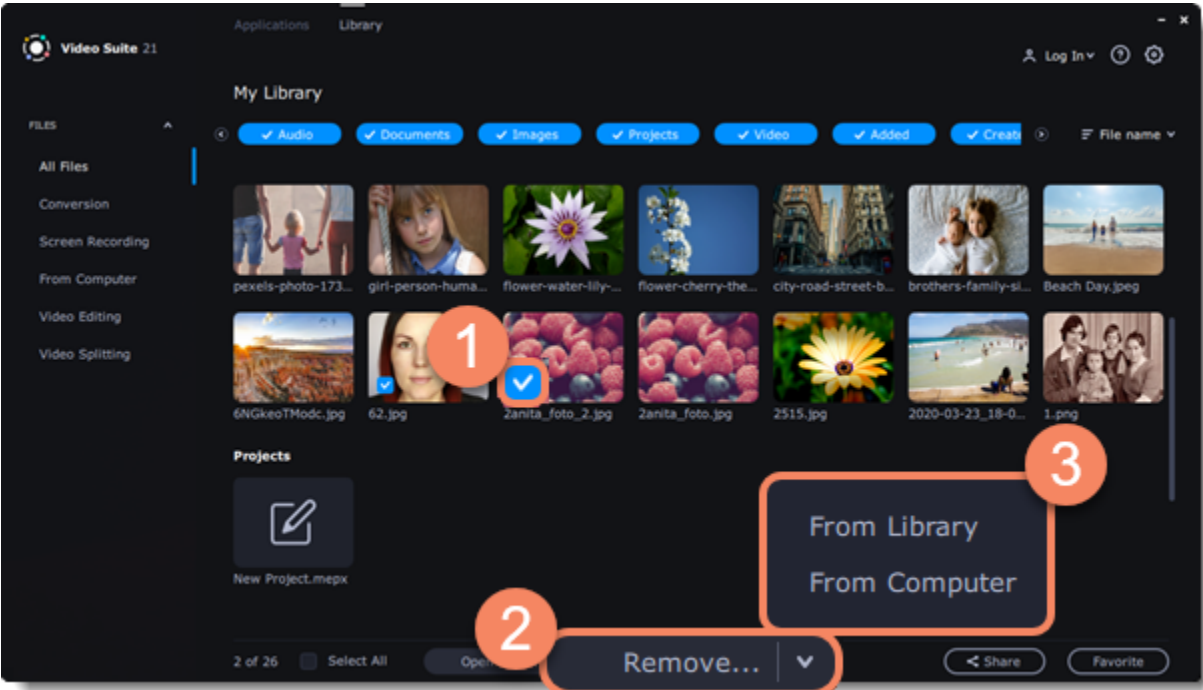


Removing files

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.

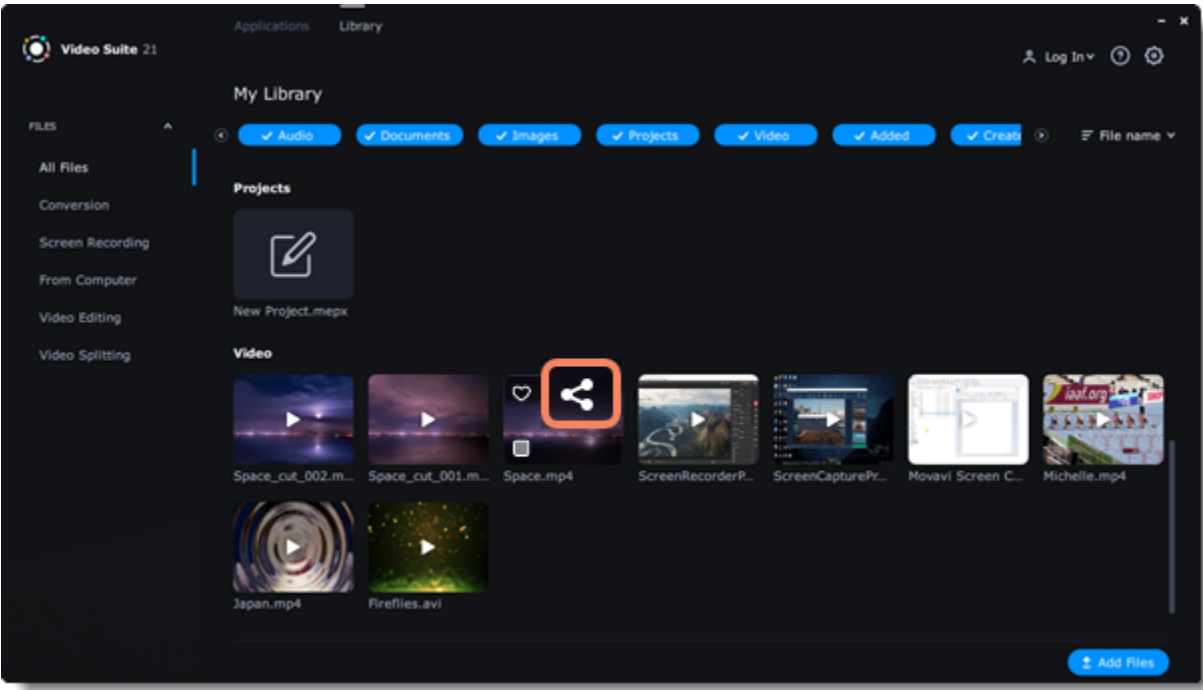


You can also remove several files at once. Select the files you want to remove by checking the boxes on the bottom left corner of the thumbnails and then click **Remove**.

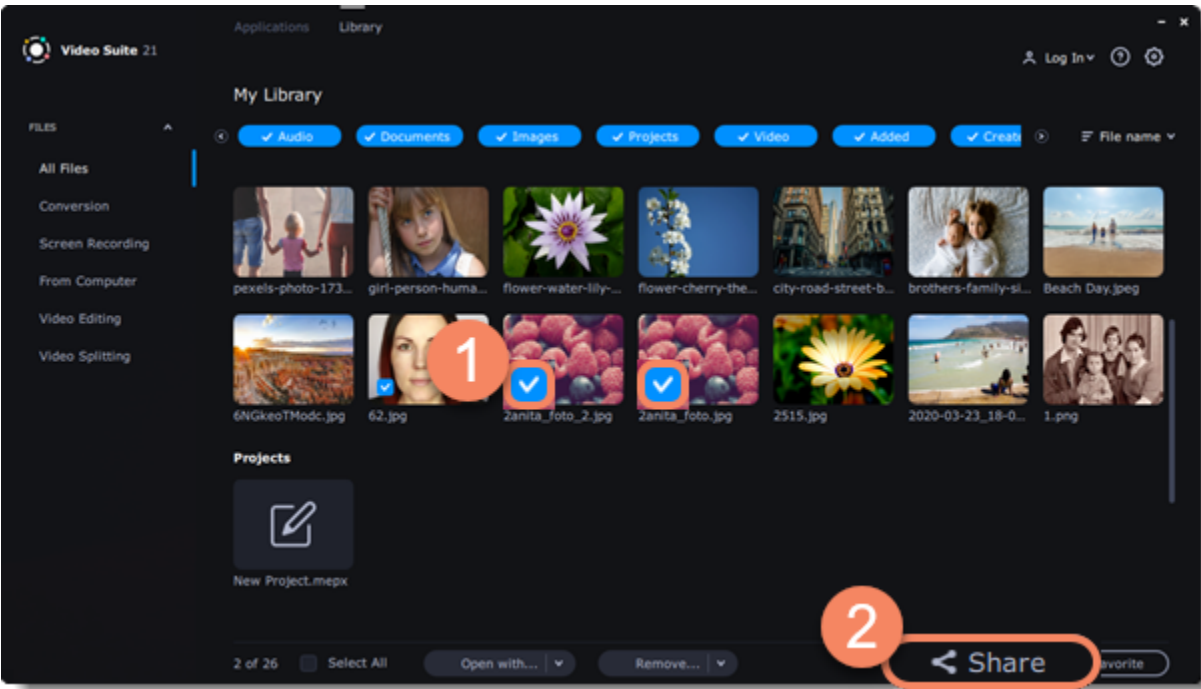


Sharing files

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



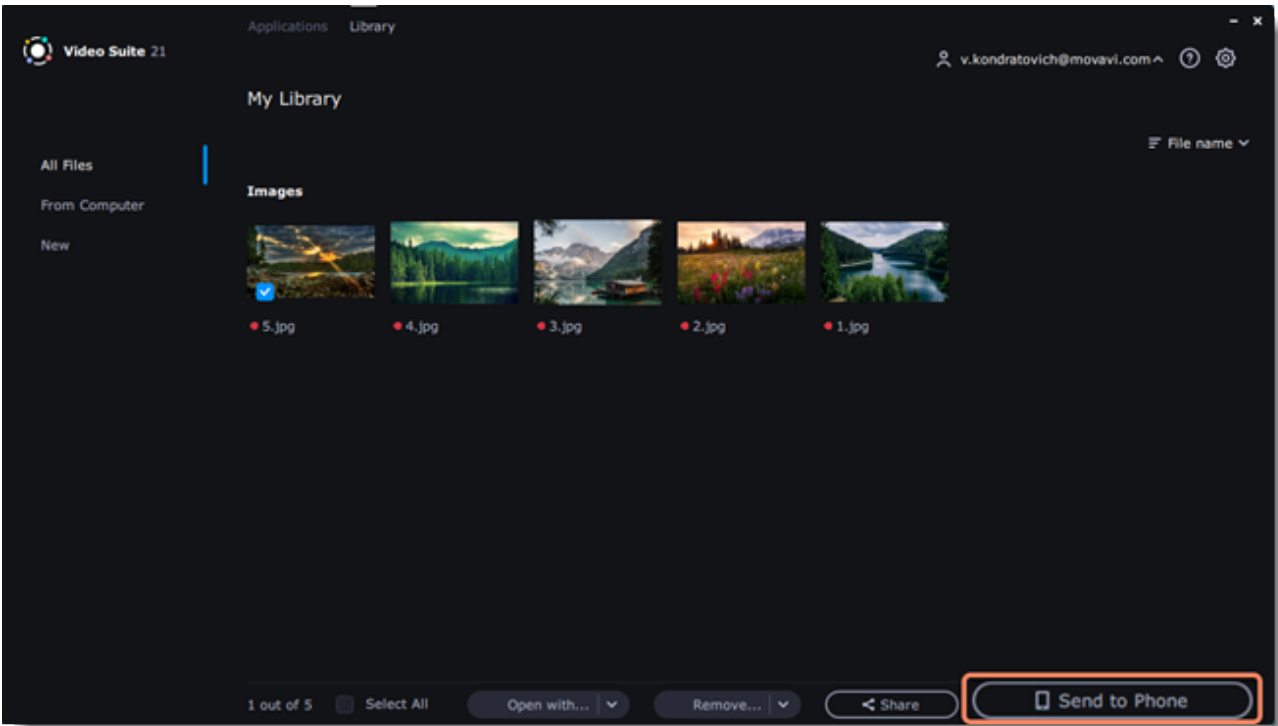
You can also share multiple files at the same time. To do that, select the files by checking the boxes on the bottom left corner of the thumbnails and then click **Share**.



[More about uploading files online](#)

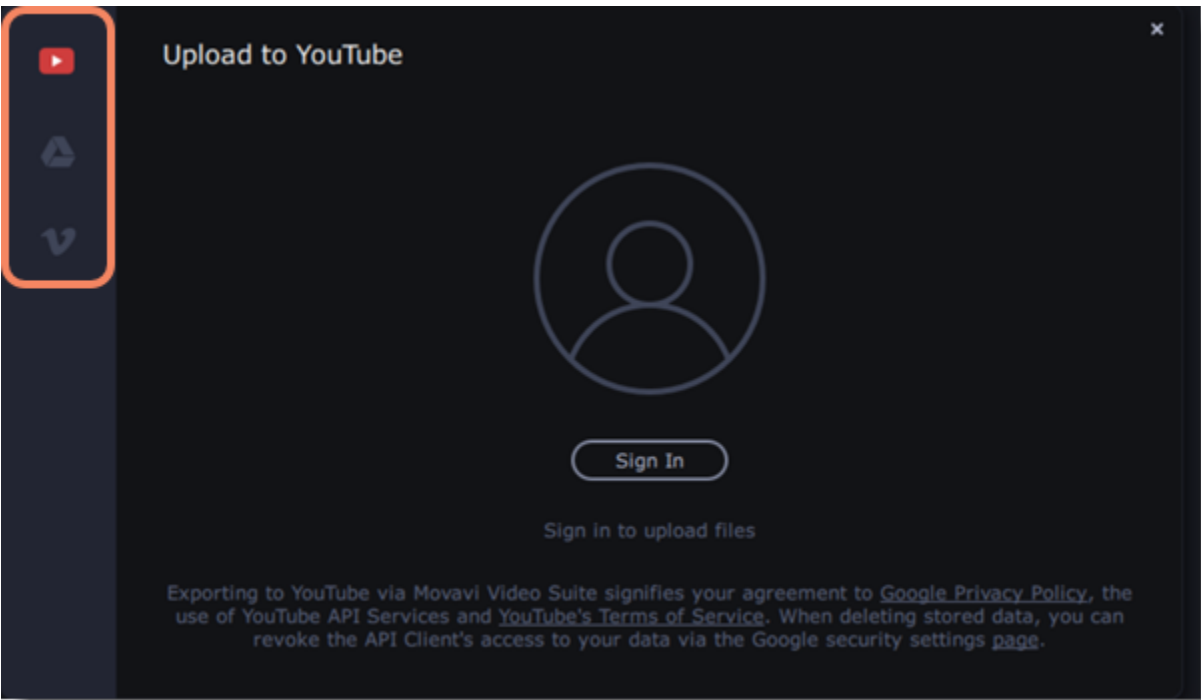
With the **Mobile Companion** app, you can transfer files from the Video Suite library to your phone. Select the files you need and click the **Send to Phone** button. After the files are sent, open the app, sign up with your Google account and upload the files.

You can also transfer files 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.

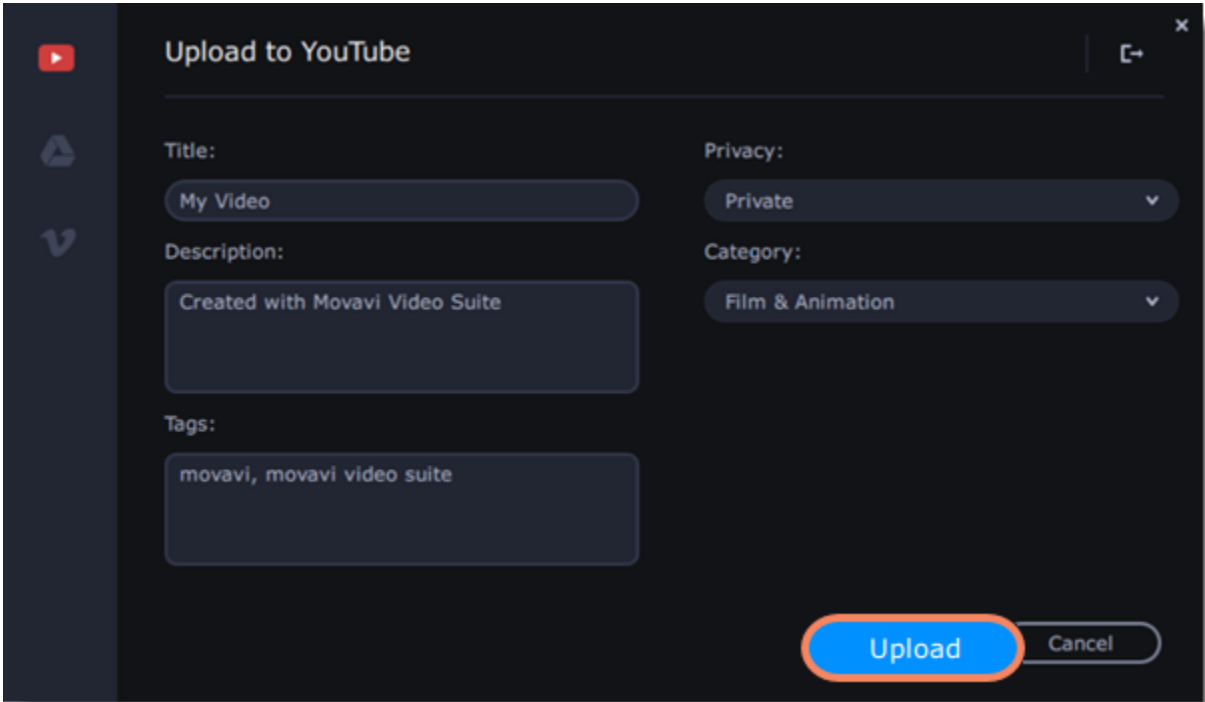


2. Click **Sign In**. The authentication page will open in your browser. Sign in to your account and click **Allow** to let Movavi Video Suite upload videos.

Uploading to YouTube

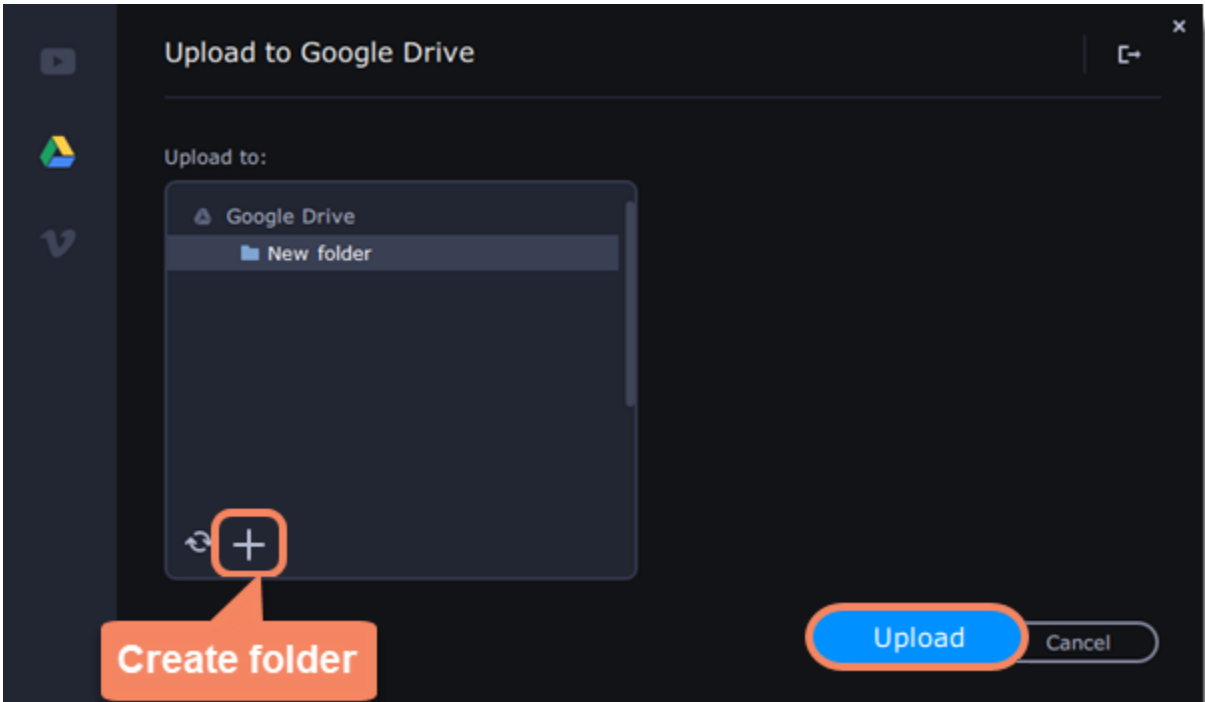
- 1. Fill in the **Title**, **Description** and **Tags** fields.
- 2. Set the level of privacy.

- 3. Select a category.
- 4. Click **Upload** to export your file.



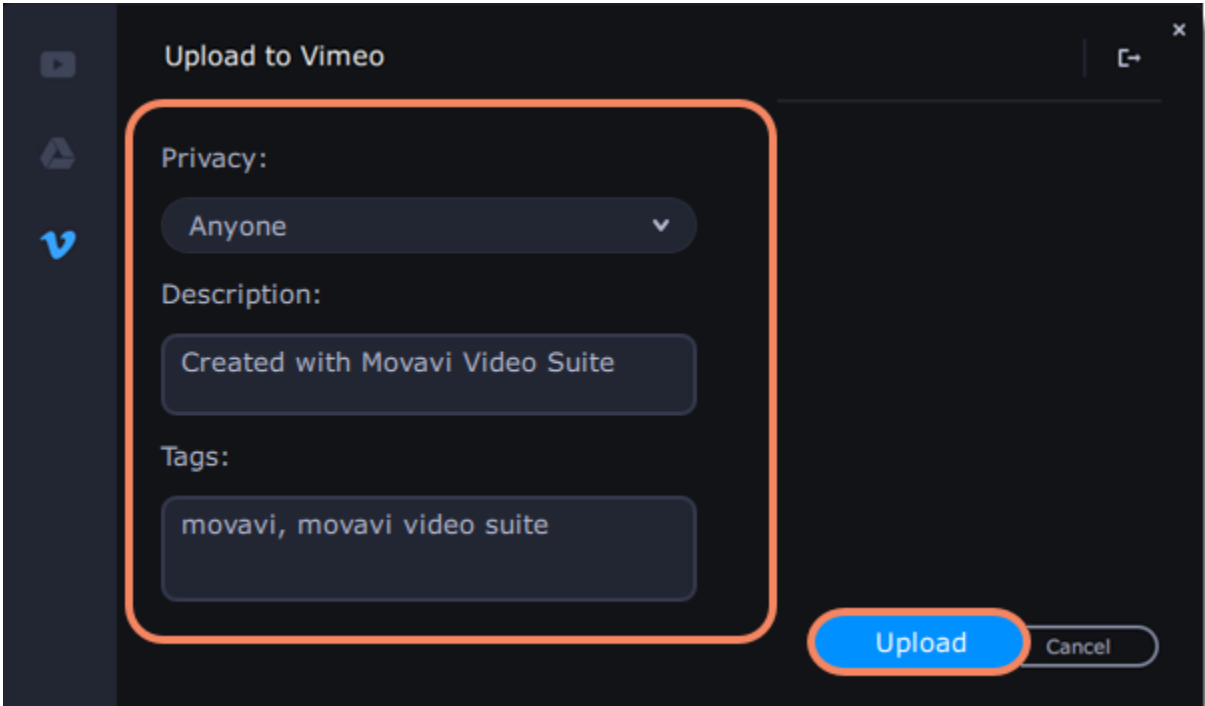
Uploading to Google Drive

- 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.



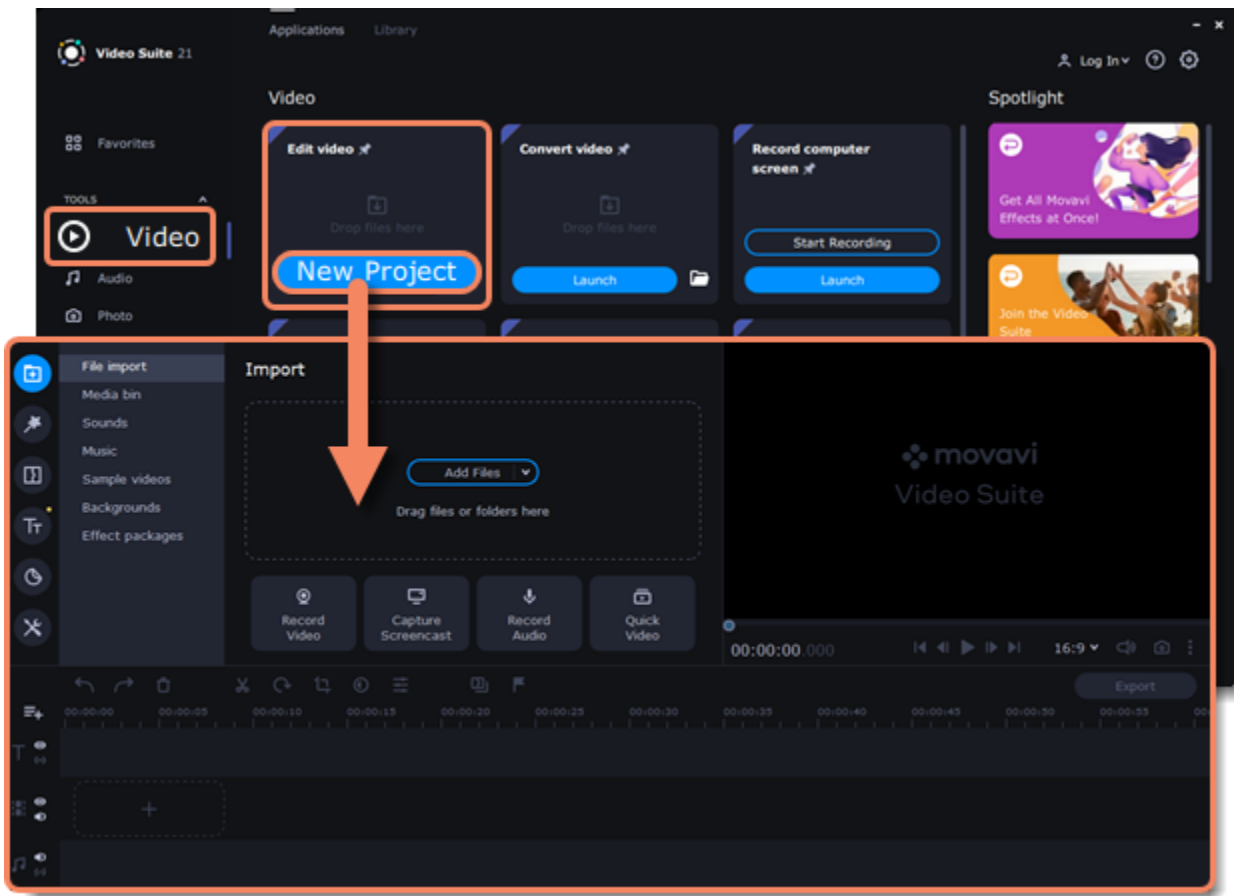
Uploading to Vimeo

- 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

Using Movavi Video Suite, you can create your own movies using the media files you have on hand. To open Video Editor, click **Video** in the **Tools** menu. Then click **New Project** on the **Edit video** tile.



How to use the Editor?

Step 1: [Add media](#)

Add videos, photos, and music to your video project.

[Open captured videos in the Editor](#)

[Record video](#)

[Record audio](#)

[Arrange files chronologically](#)

[Creating intros](#)

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.

[Cut and split video](#)

[Rotate clips](#)

[Crop the frame](#)

[Apply cool filters](#)

Step 4: [Annotate your video](#)

Get your thoughts across with sound and text.

[Record a voice-over](#)

[Add text titles](#)

Step 5: [Save your video](#)

Export your project to a common video format.

[Save for devices](#)

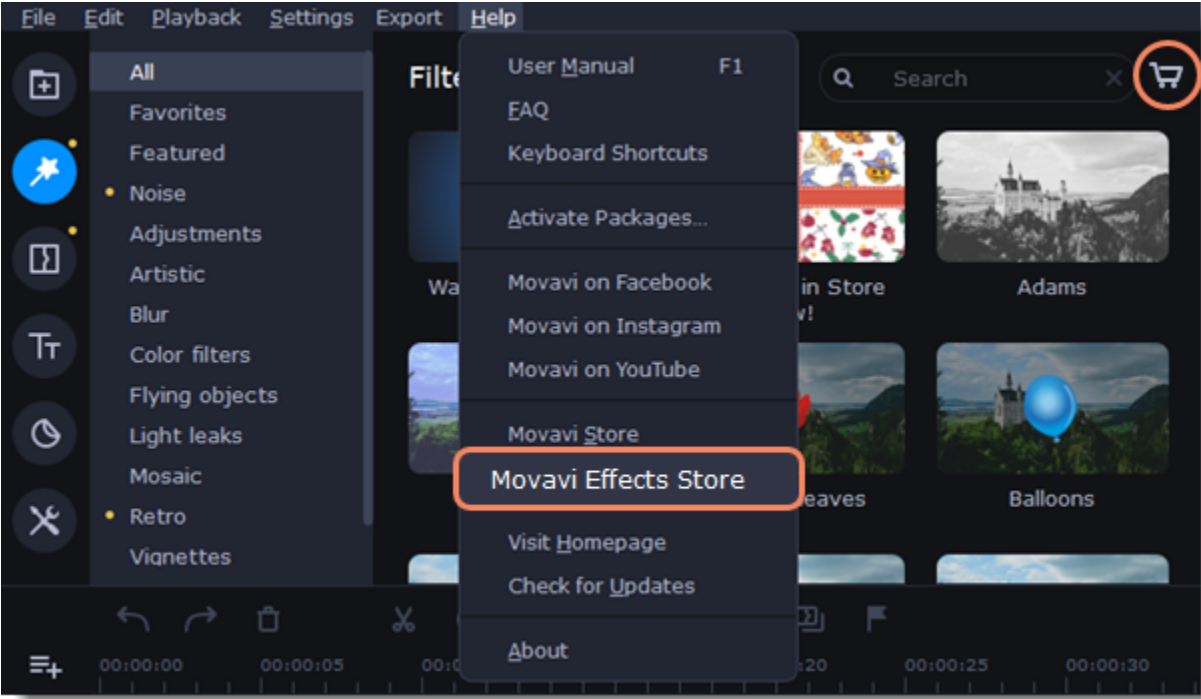
[Save for uploading online](#)

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.

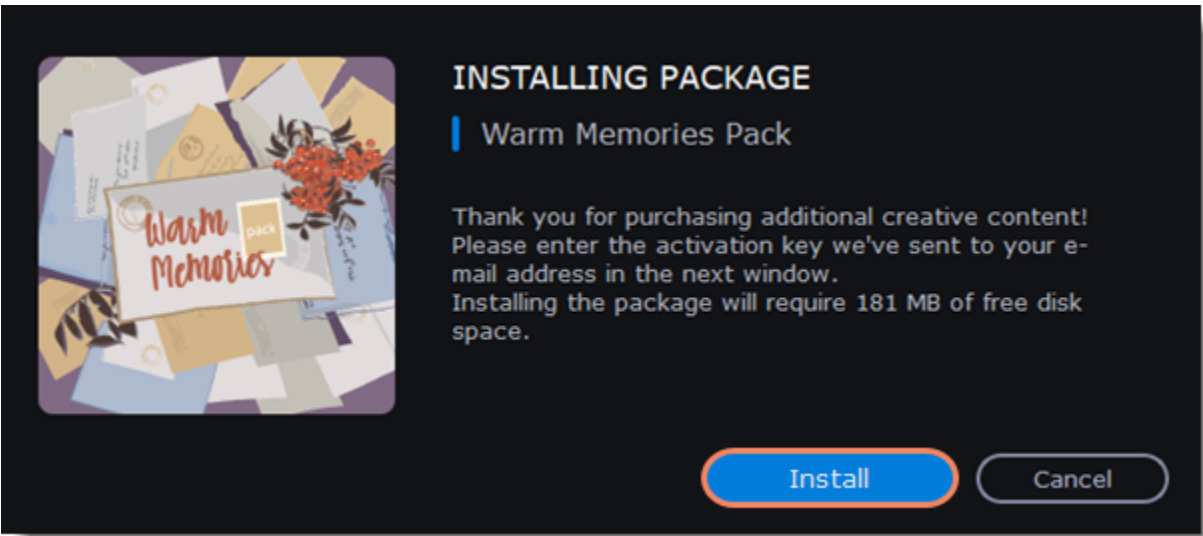
Acquiring a package

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 email with an activation key, a link to download the package, and an instruction on how to install it.



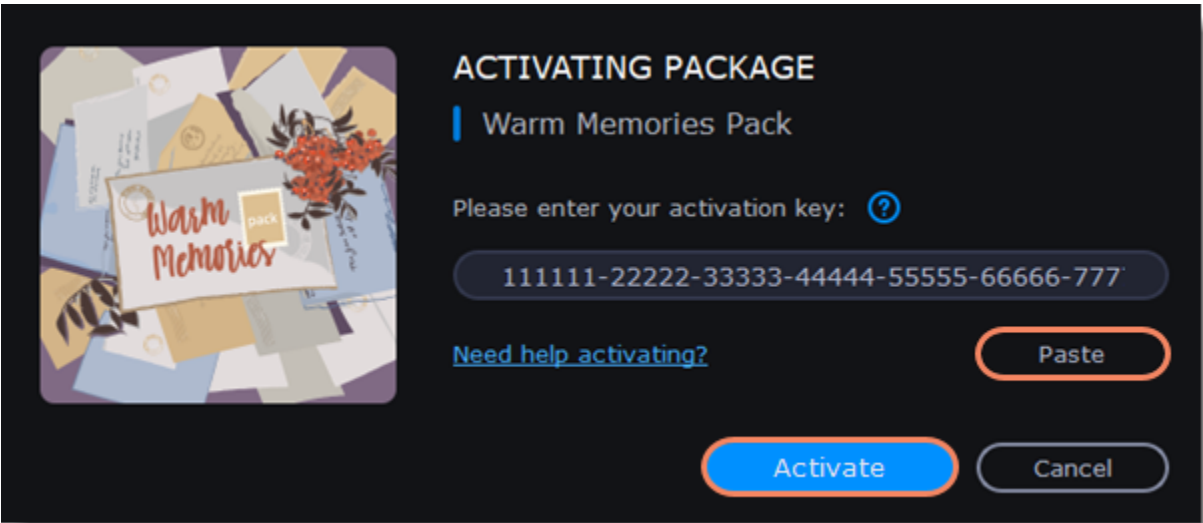
Installing a package

1. Click the link you received with the email 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.

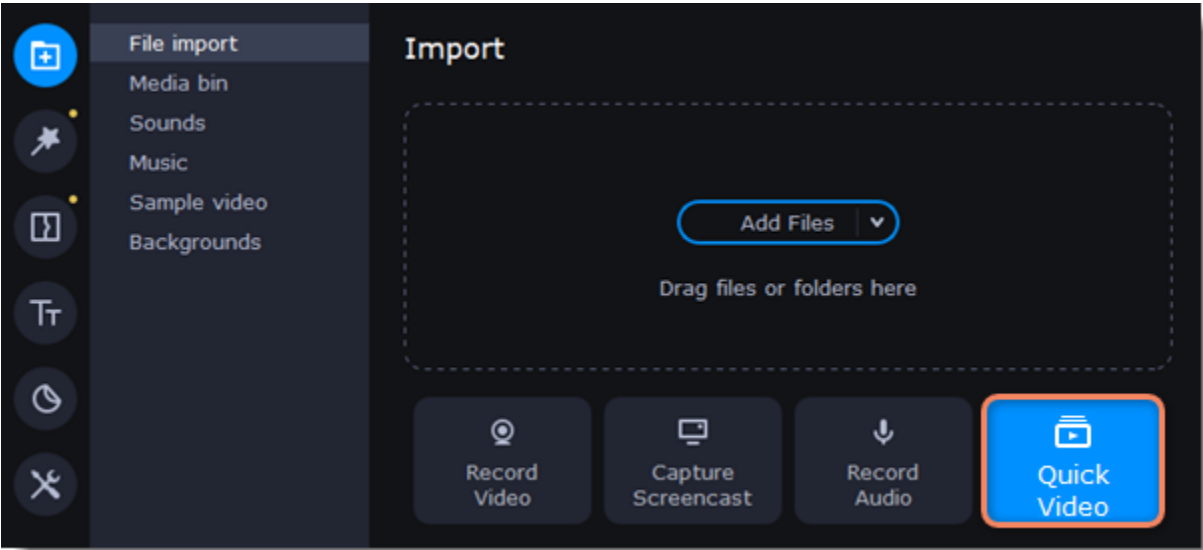
Cannot install or activate the package? Make sure that:

- 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.

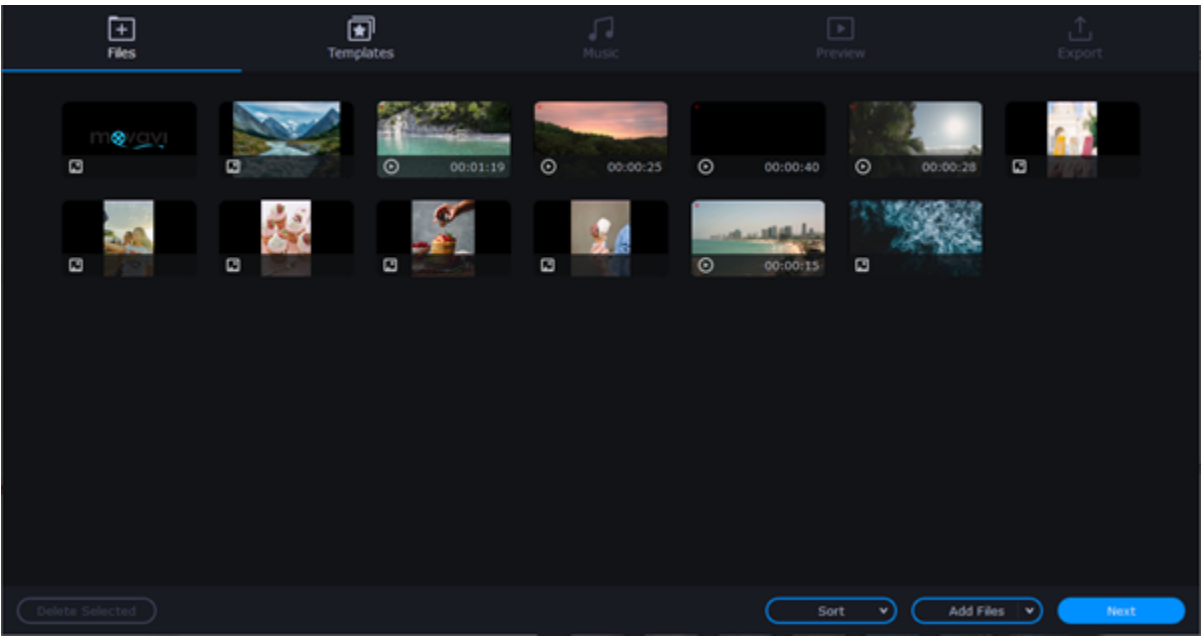
Quick Video mode

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.

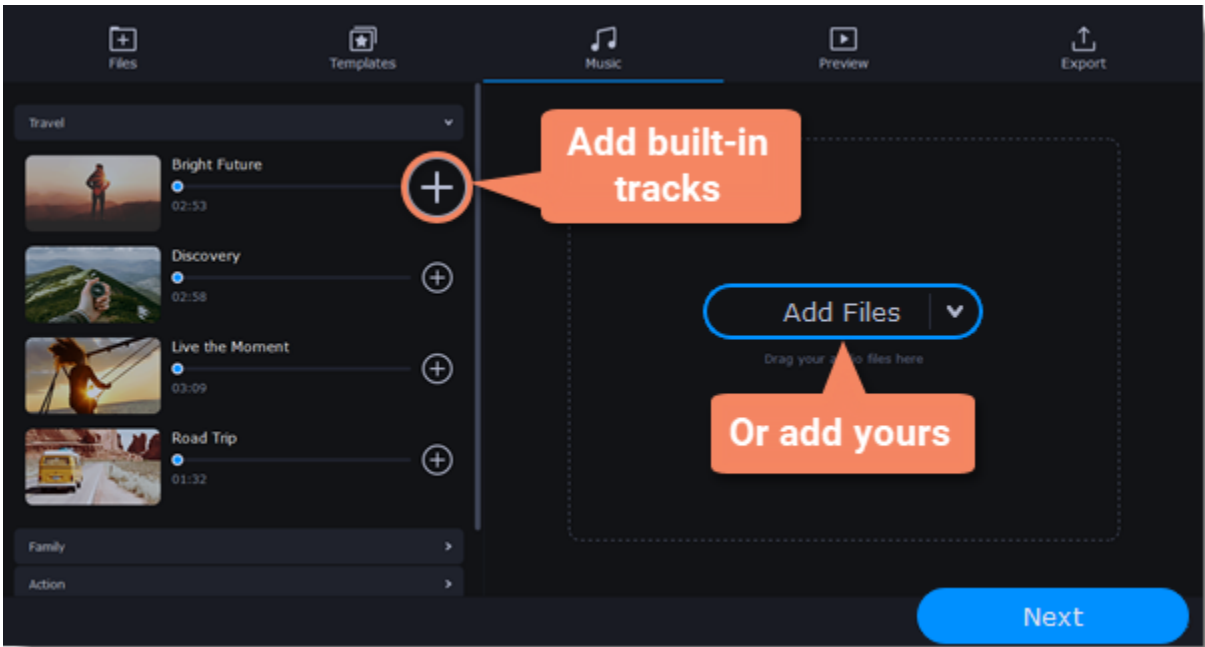
1. Click **Quick Video** to open the Wizard.



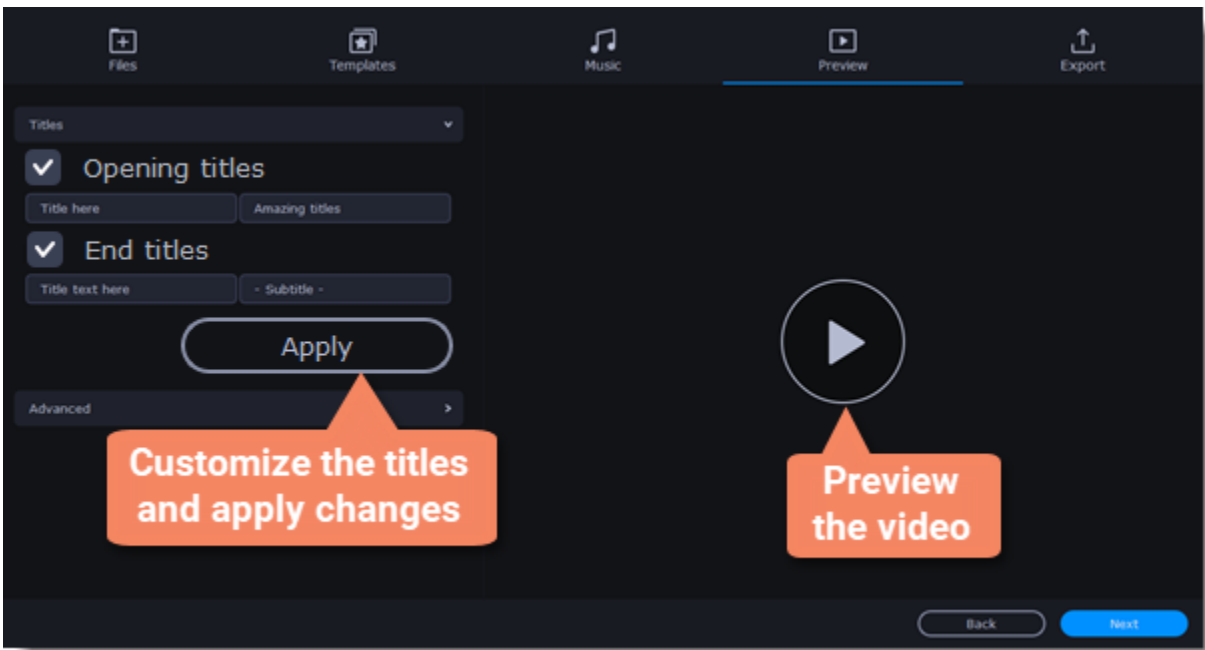
2. On the **Files** tab, click **Add Files** or drag and drop your files over the window. To remove files, click the **X** in the upper right-hand corner of each file, or select the files you want to delete and click **Delete Selected** on the bottom panel.



- 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**.

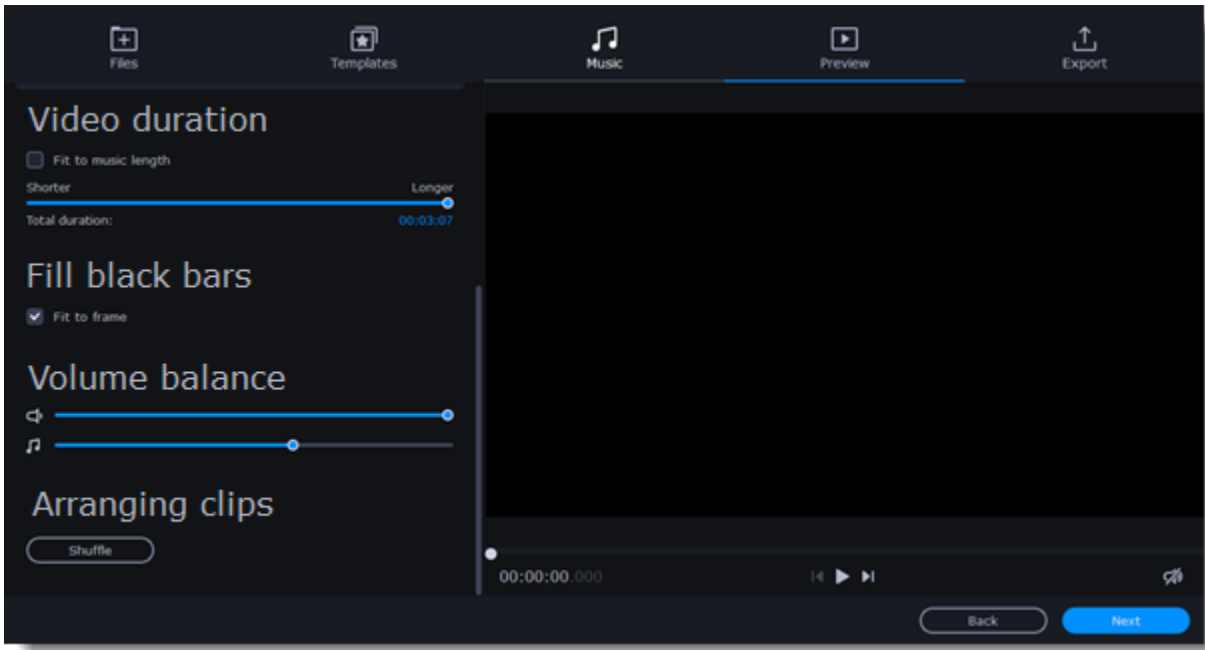


- 9. Under the **Advanced** tab make other necessary changes.
 - **Video duration**
You can set your video to be the same length as the audio by selecting the **Fit to music length** option or use the slider to set how long you want the video to be. If you opt for a shorter video, some clips may not 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.

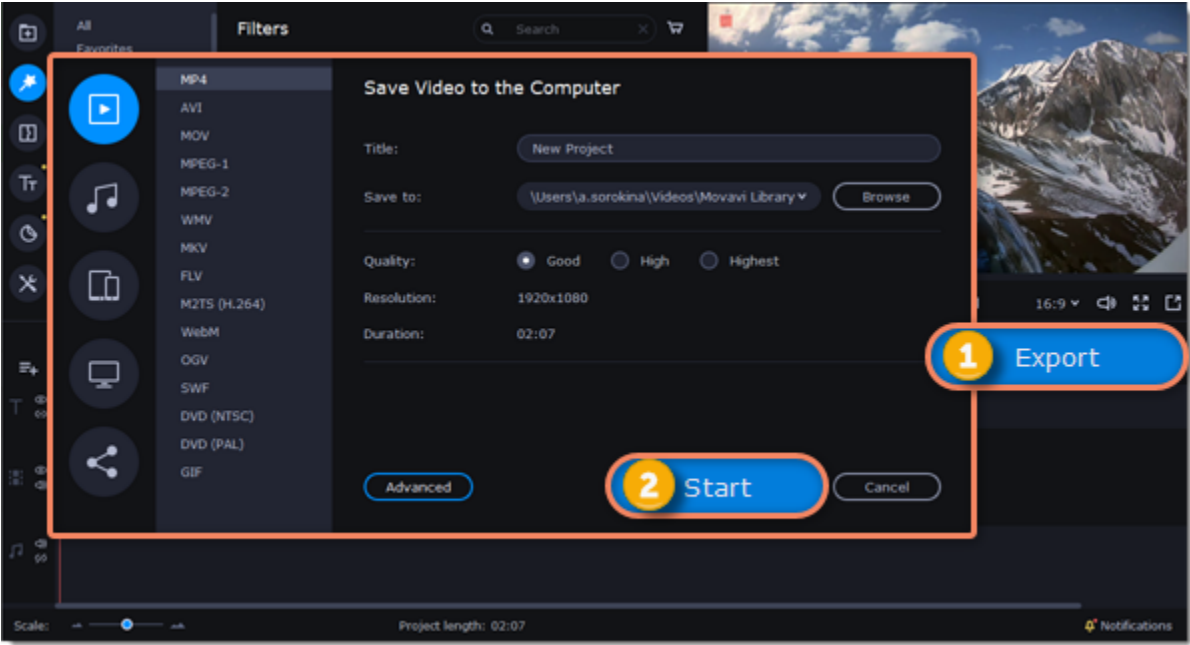
• **Arranging clips**

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.



*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.
 - **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 begin saving the video.



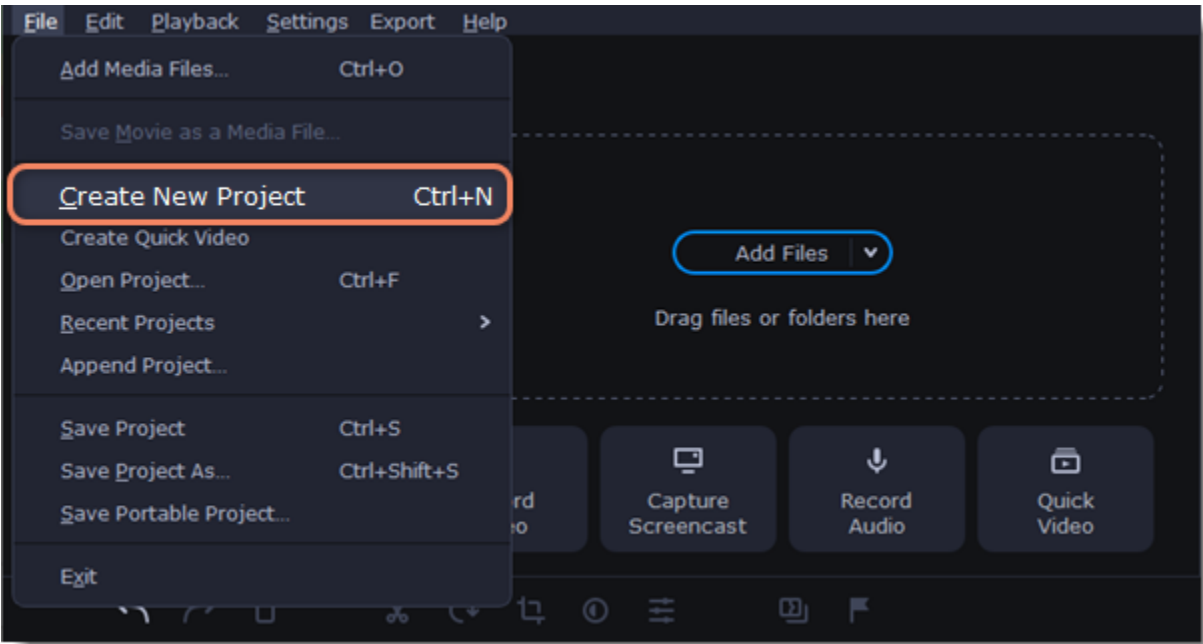
Learn more:
[Adding filters](#)
[Adding titles](#)
[Color adjustments](#)
[Removing black bars](#)

New Project mode – quick start

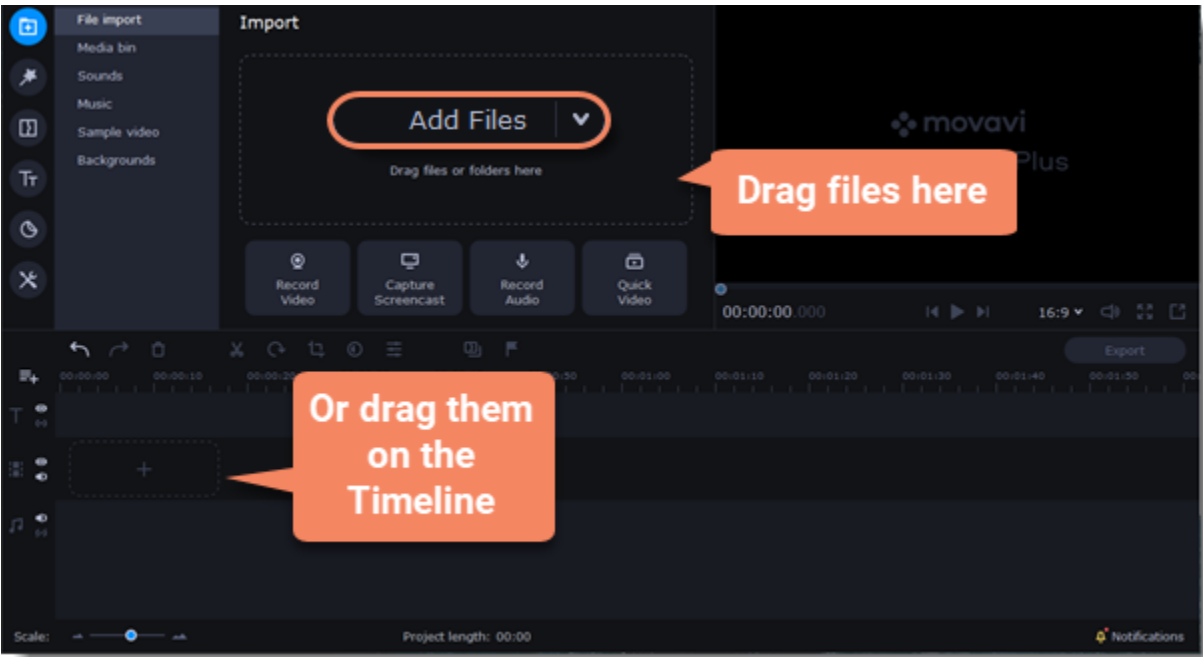
In this mode you can use all the tools that the Video Editor has to offer and create professional-looking videos without complicated software.

You can create a new video by creating a [new project](#) or a [quick video](#).

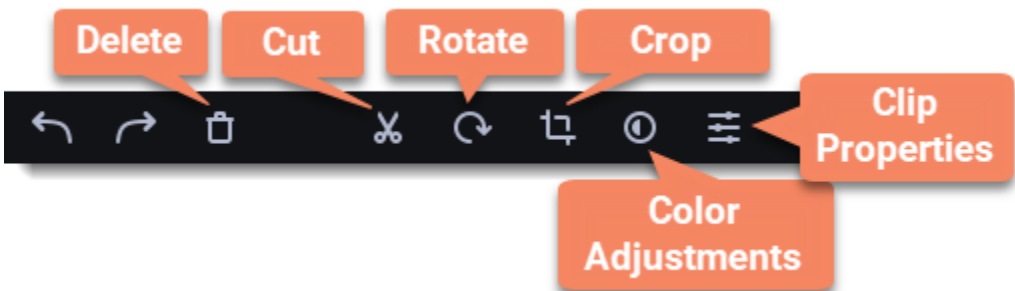
1. To start creating a project just add files on the Timeline. If you want to start another project select **Create New Project** in the **File** menu.



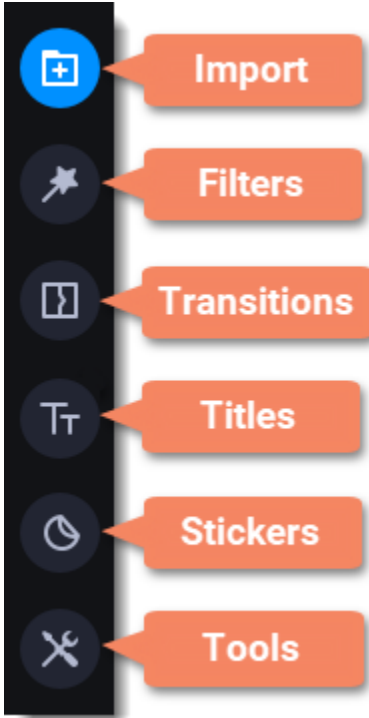
2. Click **Add Files** or drag and drop your files over the import area to start working on them.



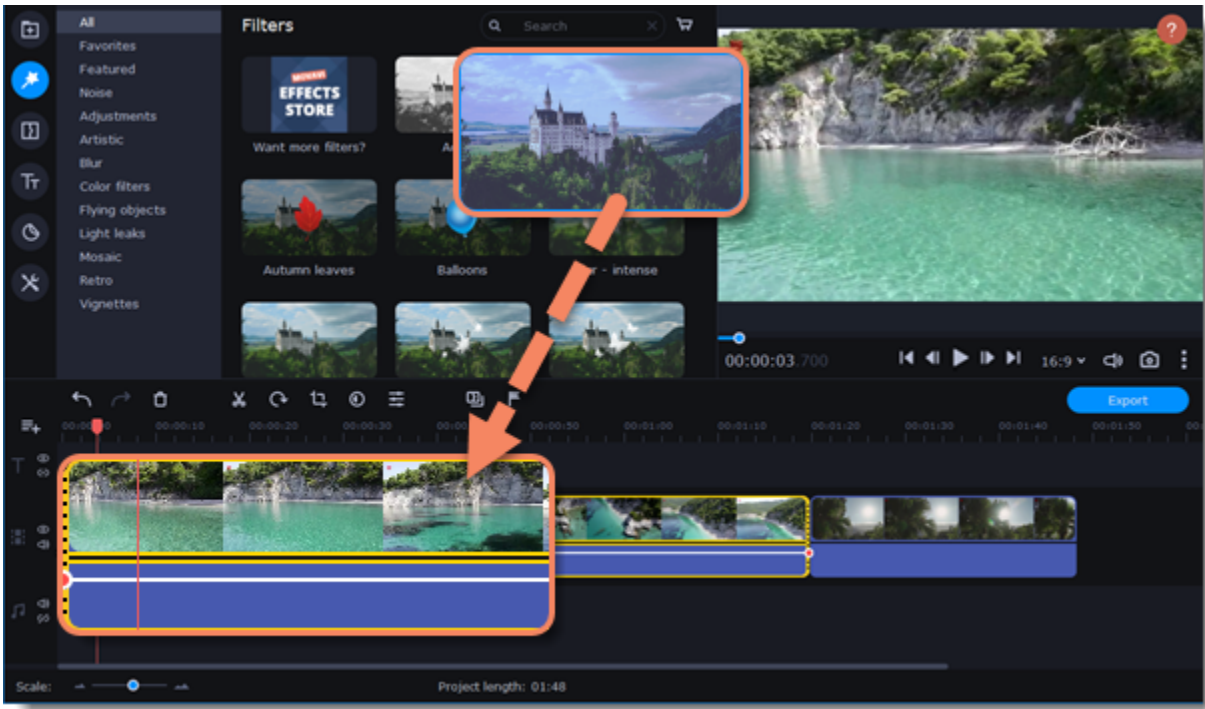
3. Change the clip layout on the Timeline, crop images, cut videos, using the toolbar.



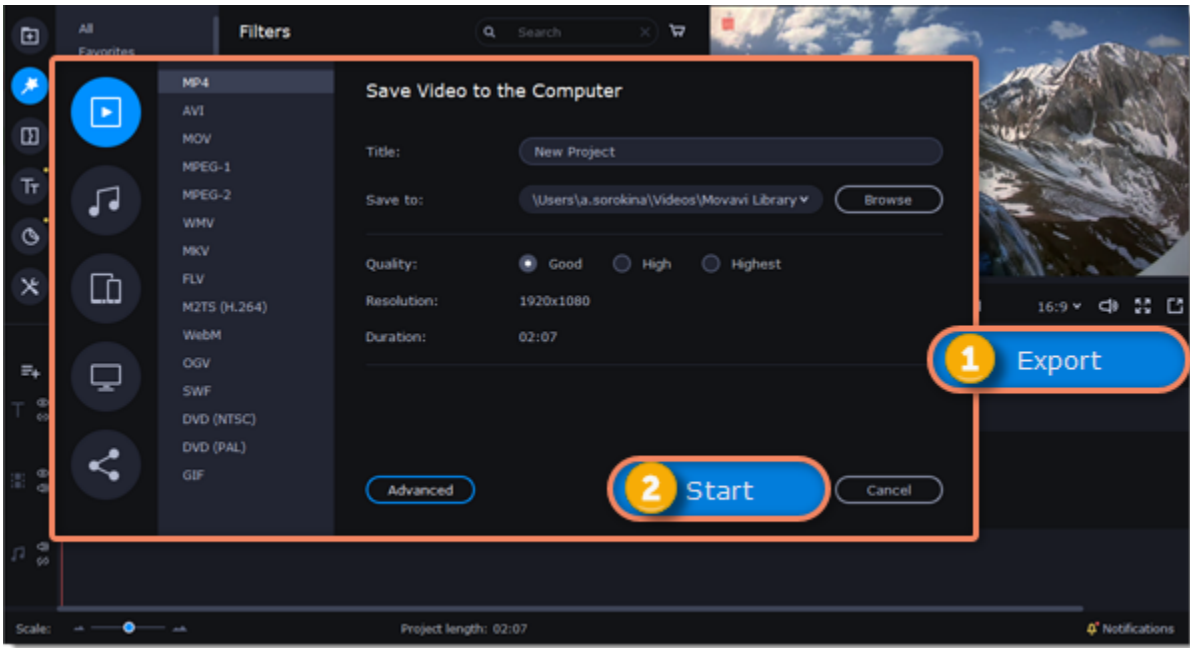
4. Add effects, transitions, titles, and more by changing the tabs on the left-hand side of the screen.



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.



 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.

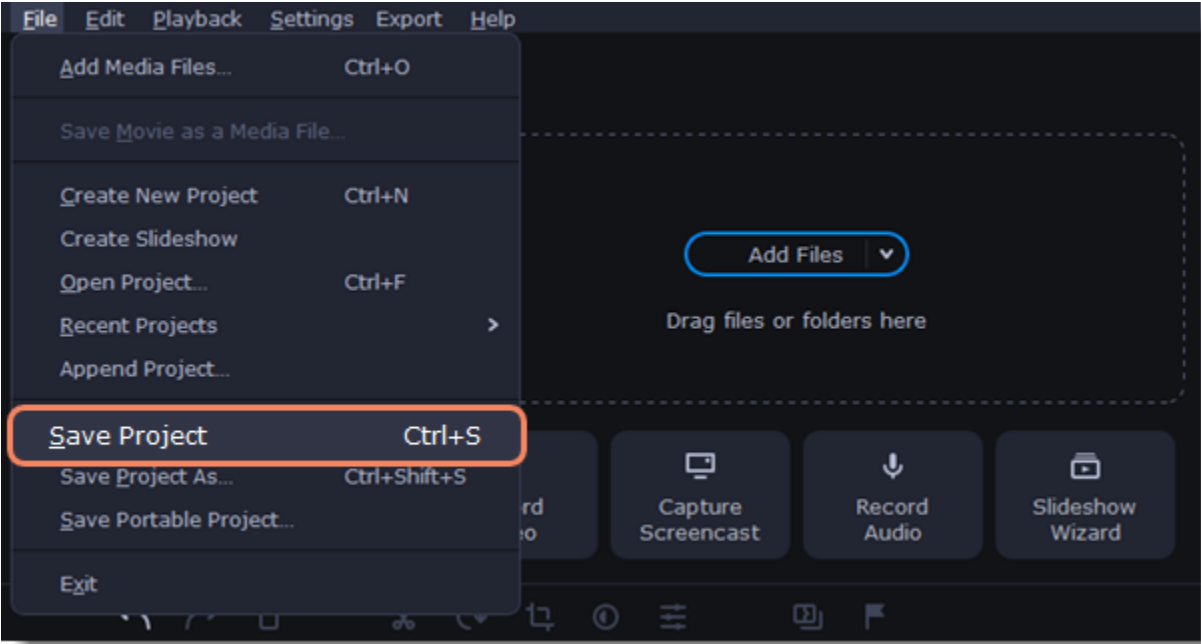
Creating a new project

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 #+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**.



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.

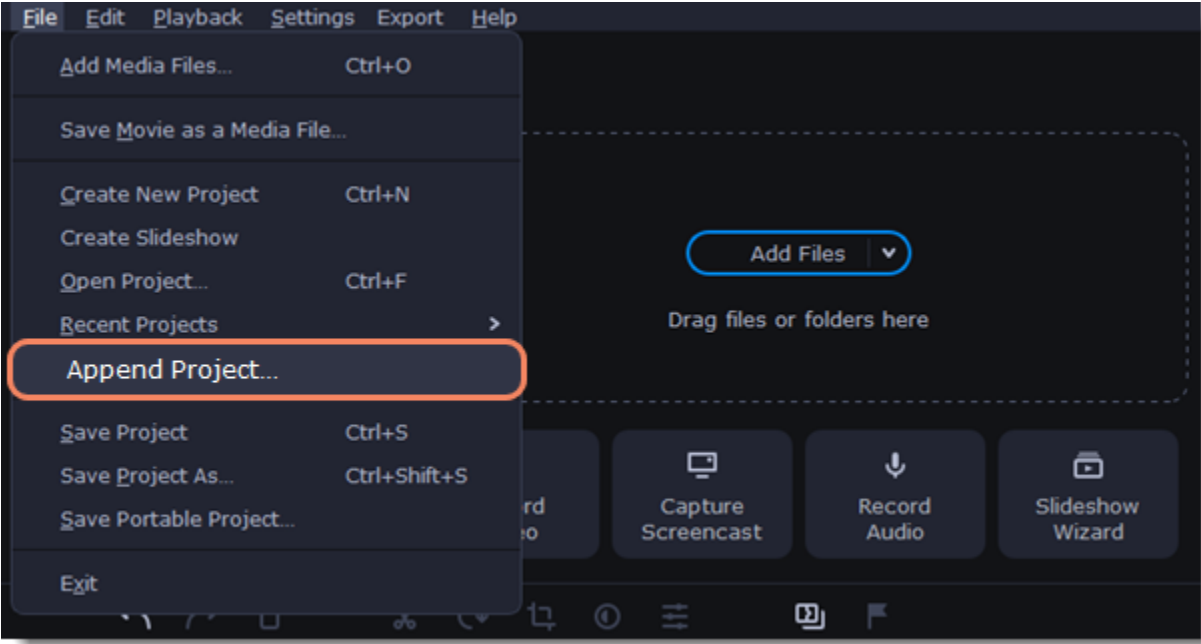
How can I play my project?

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

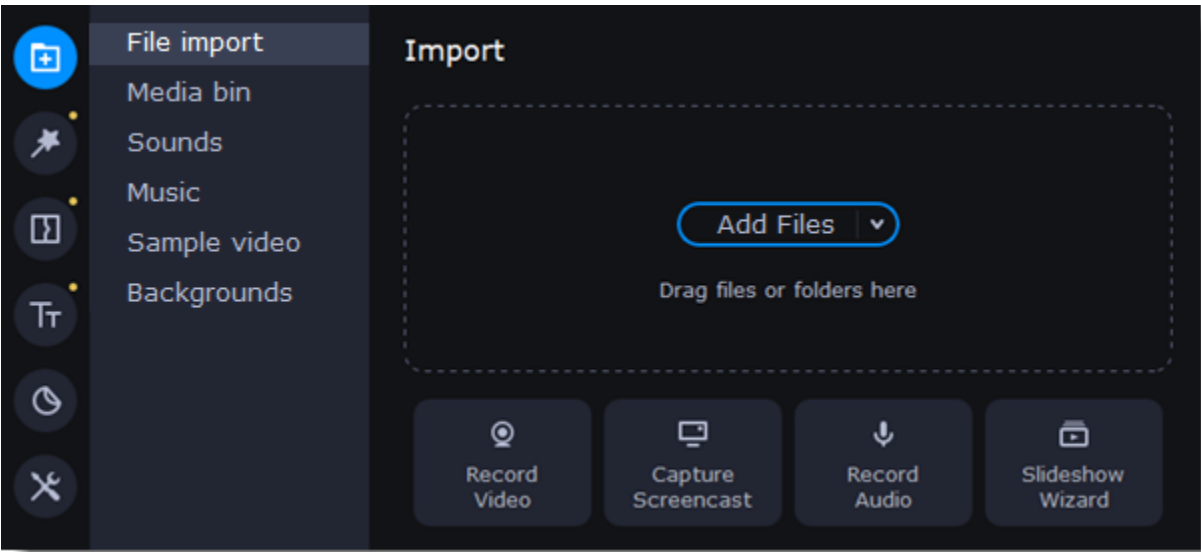
If you work on a big project, you might want to separate it into several smaller ones for a more convenient editing process. Then, to combine them back together, append other projects to the major one.

- 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.



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.

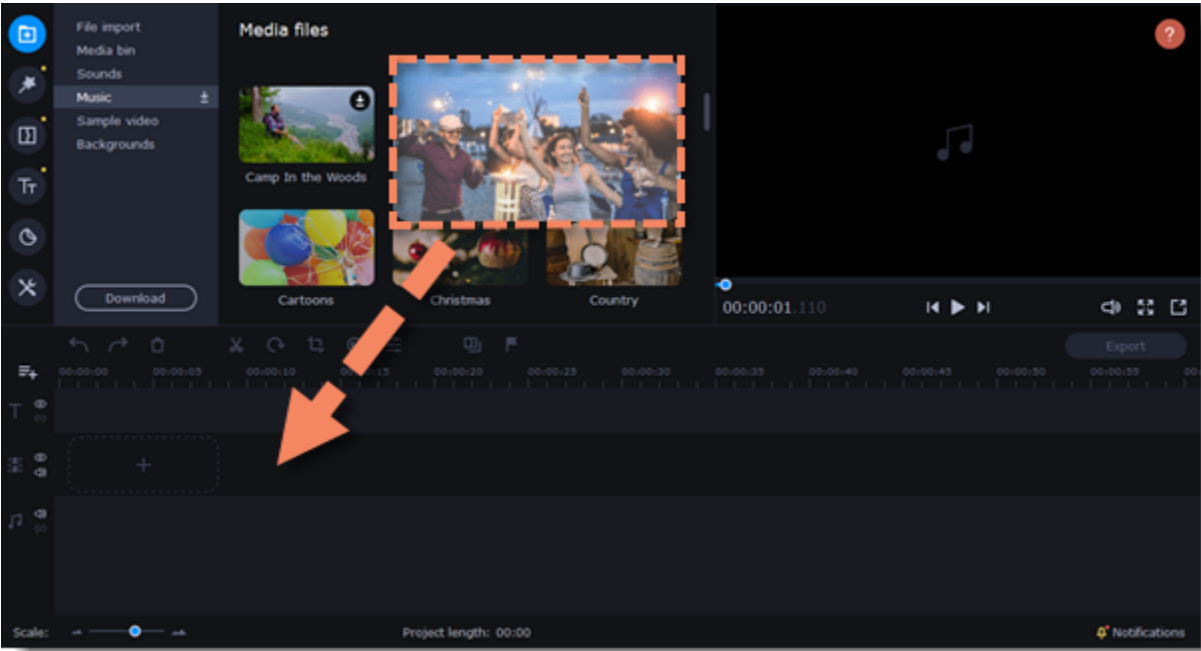


Add your files

- 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.

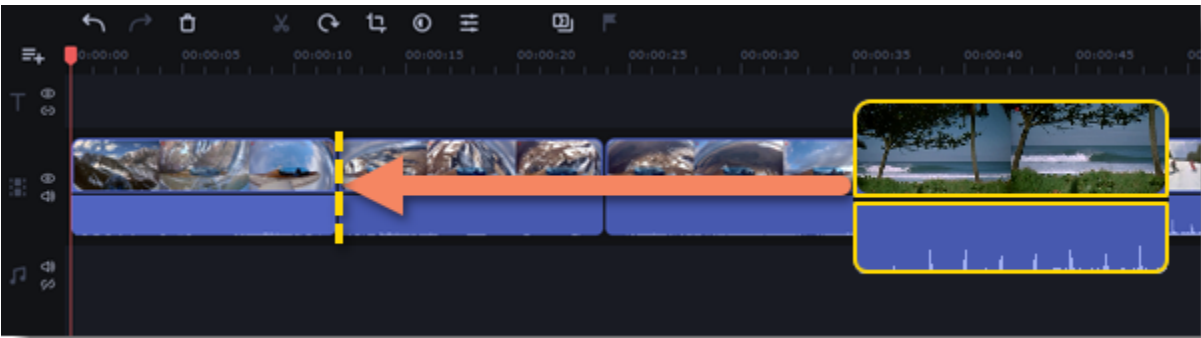
Add built-in media

- 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.



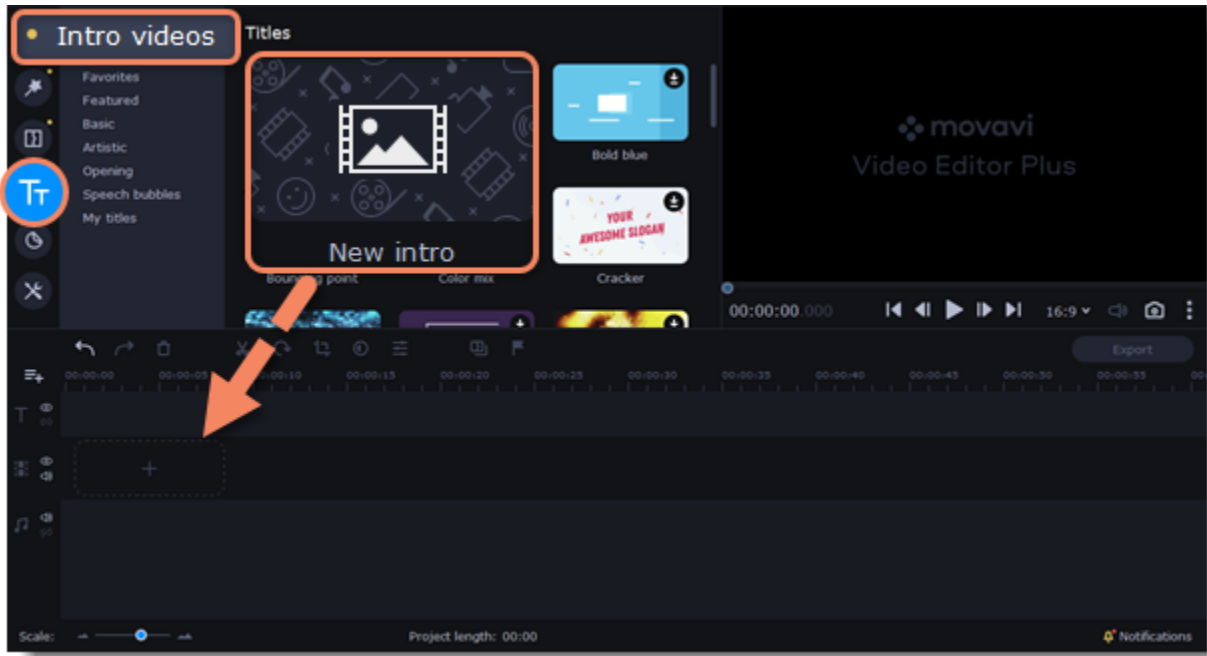
See also:
[Working with video](#)
[Working with audio](#)

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

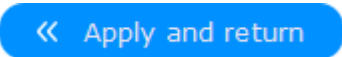
- 1. In the **Titles** collection go to **Intro videos**.
- 2. Find the **New intro** clip and drag and drop it onto the Timeline.




Edit the intro

1. Click  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.*

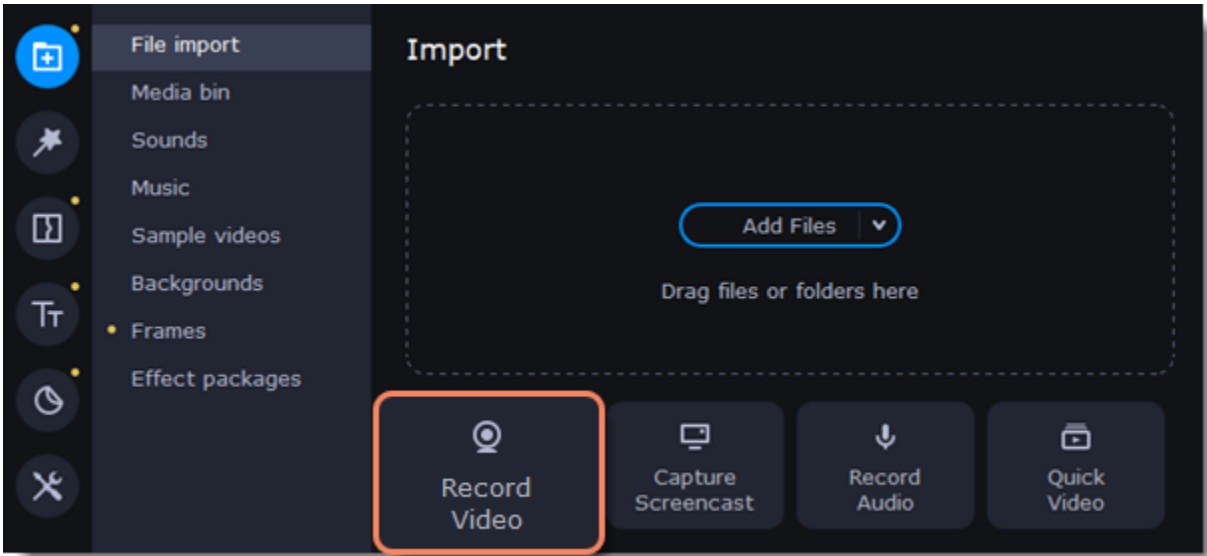
Save changes

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

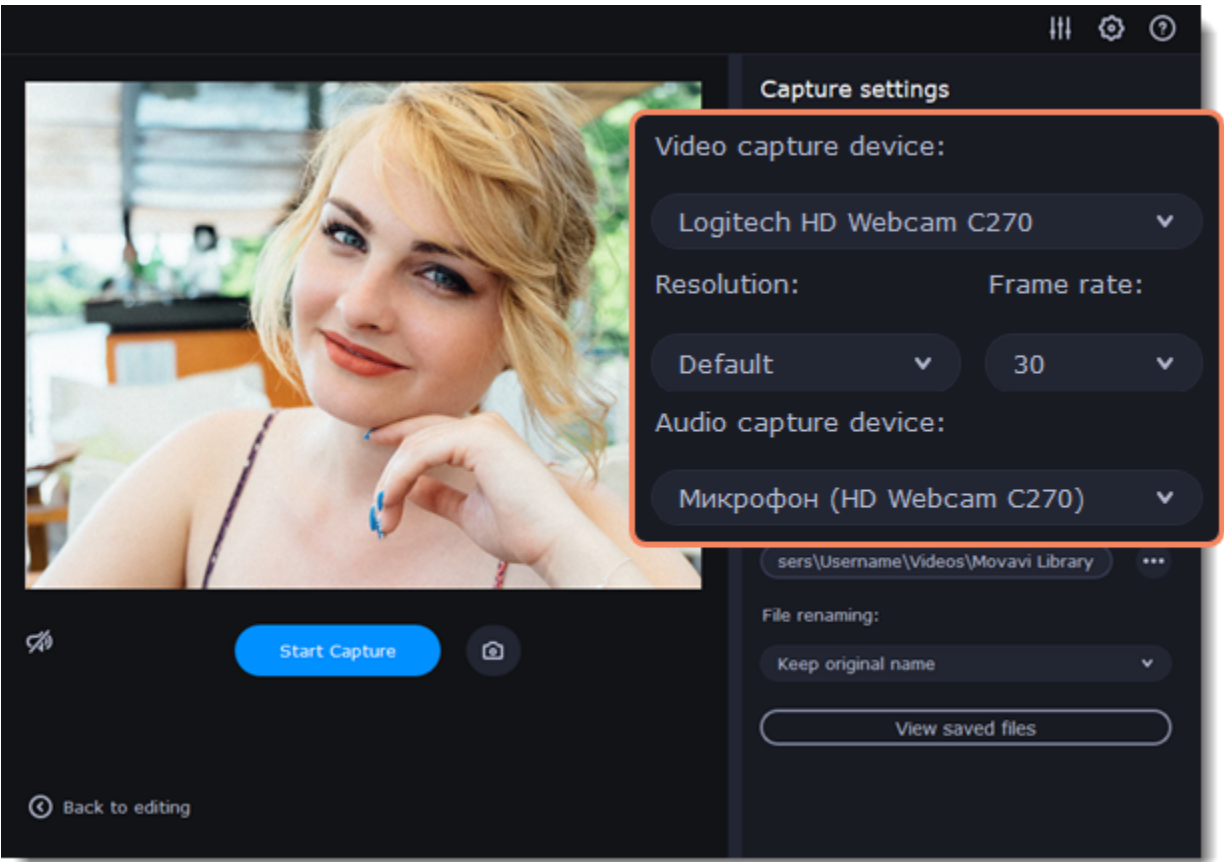
To save the intro and use it in other projects, select the intro clip and click . The intro will be saved with all the other items in the collection. You can edit the intro at any time while working on the project.


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 Video Suite, click **Record Video**. The recording module will open in a separate window.



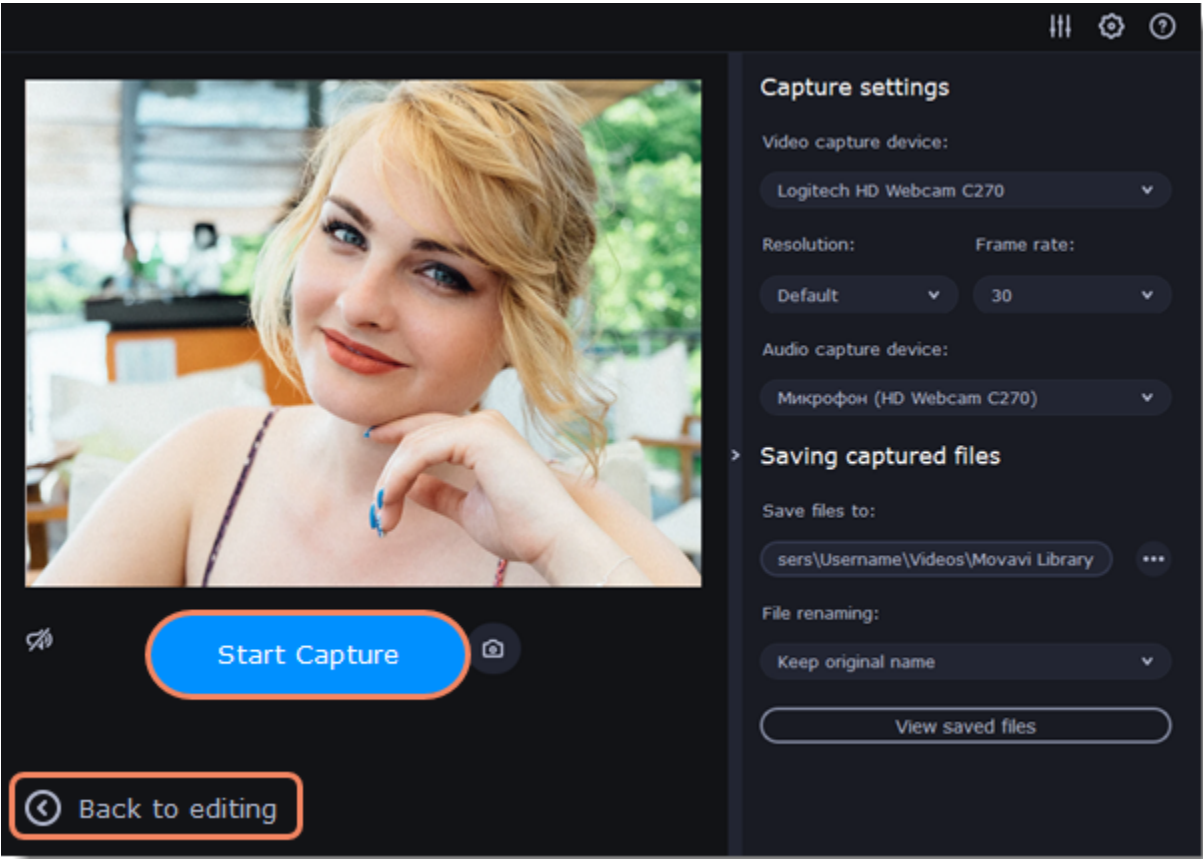
3. In the **Video capture device** box, choose the camera.
4. Then, select the **resolution** and **frame rate**. A larger resolution will be able to retain better quality, however, the video file size will be larger. A higher frame rate is necessary for recording motion, while static scenes can be captured with a lower frame rate.
5. In the **Audio capture device** box, choose the microphone.



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

7. Click **Start Capture** to begin recording the video. During capture, you can take snapshots using the camera icon  on the right.

8. 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.

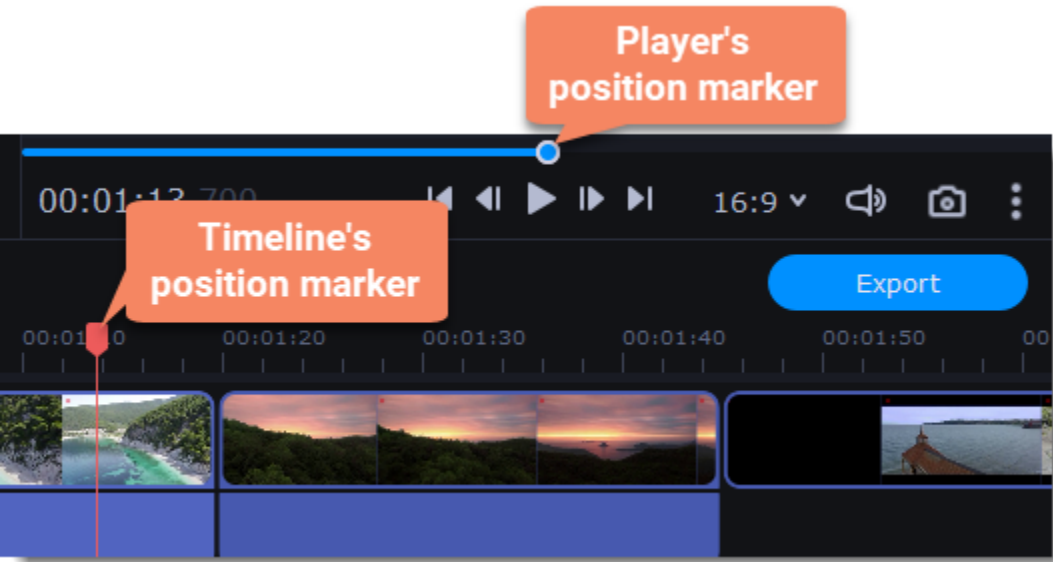


Preview and organize clips

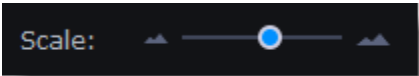
Use the player in the upper right-hand part of the window to preview your project.

Current position

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

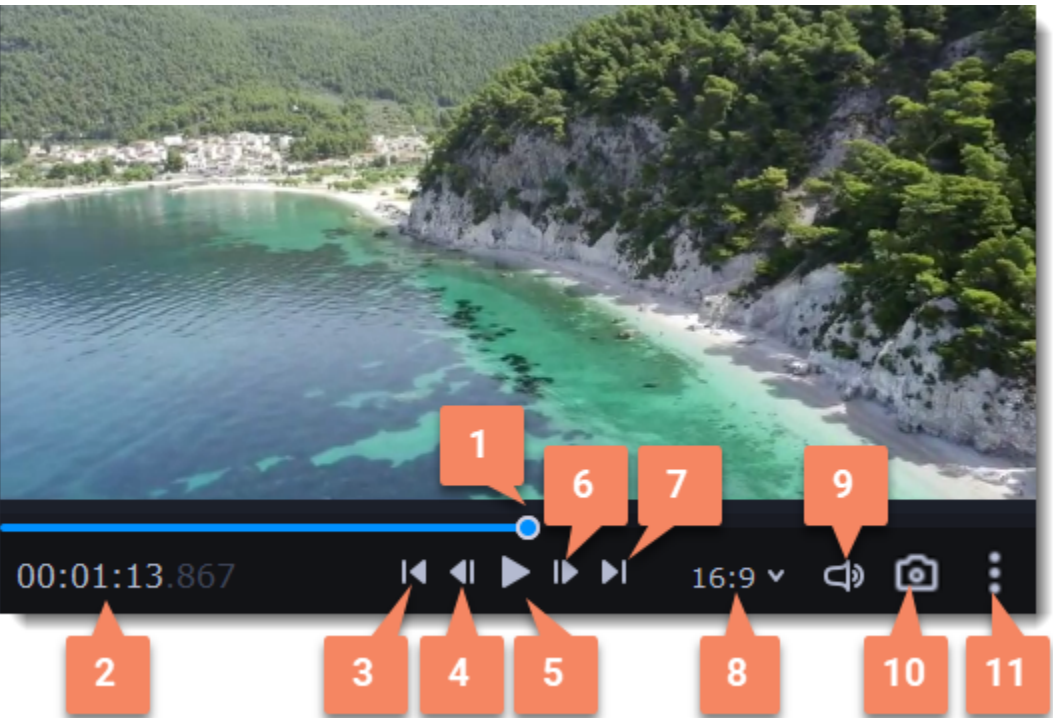


- For precise positioning:
- To move in 0.5 second increments, open the **Playback** menu and choose **Skip Forward by 0.5 Seconds** (Shift+Ctrl+Right) or **Skip Backward by 0.5 Seconds** (Shift+Ctrl+Left).
 - To move precisely from frame to frame, use the **Previous frame** (Ctrl+Left) and **Next frame** (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

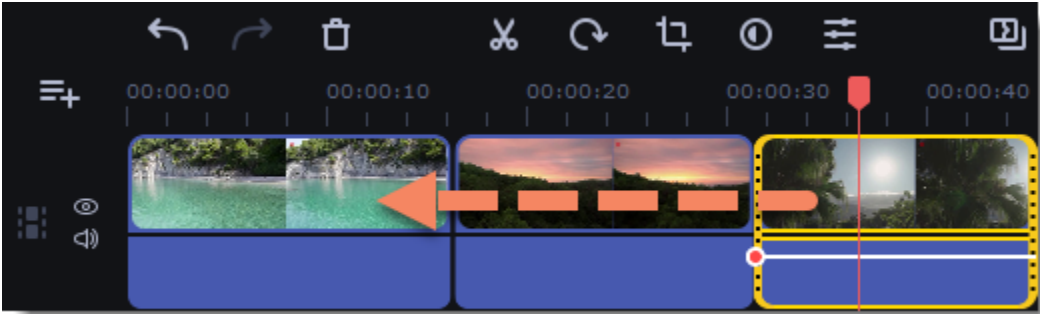
1. Move the position marker to where you want to start playback.
2. Click **Play** or press the **Space Bar** key.
3. Click the **Pause** button or press the **Space Bar** again to pause playback.



1 – player position marker	7 – next clip
2 – current time	8 – aspect ratio of the project
3 – previous clip	9 – player volume
4 – previous frame	10 – snapshot of the player
5 – play/pause	11 – additional settings of the player
6 – 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 **#+click** or click and drag to draw a selection on the Timeline.

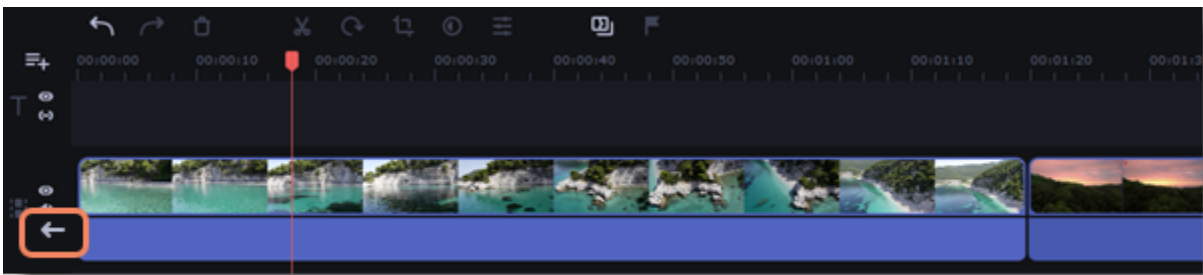


Gaps on the Timeline

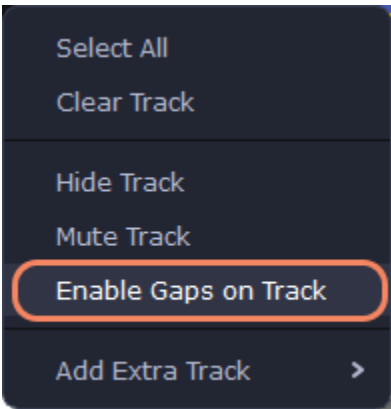
Gaps on the Timeline are empty spaces between clips on the video track.

Adding of the gaps

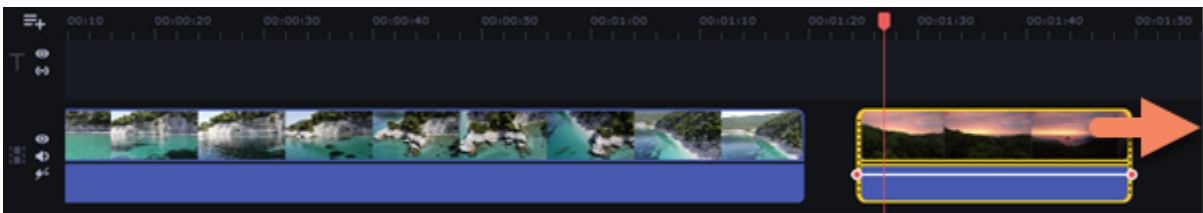
- 1. To enable gaps, click the arrow icon in front of the video track.



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

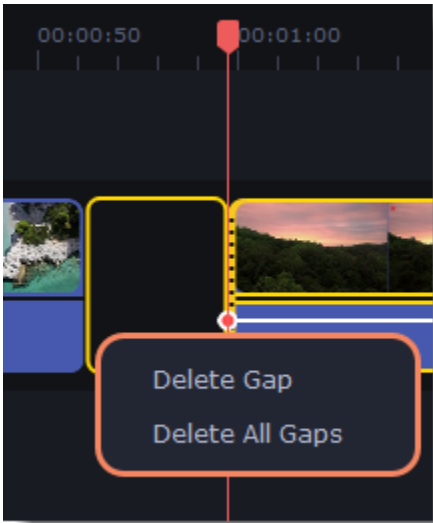


- 2. To add a gap, press the clip with the left mouse button and drag it to a distance from the other clip.



Deleting the gaps

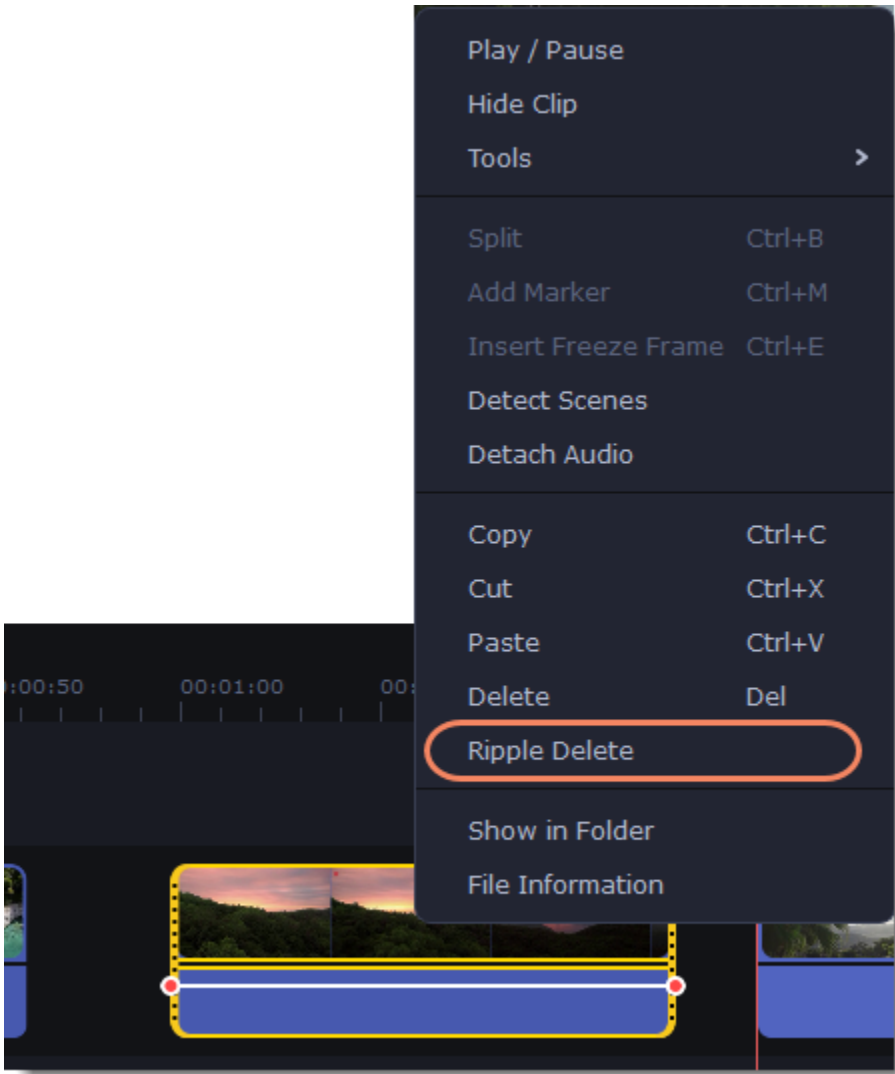
- 1. Right-click the gap you want to delete.



- 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.

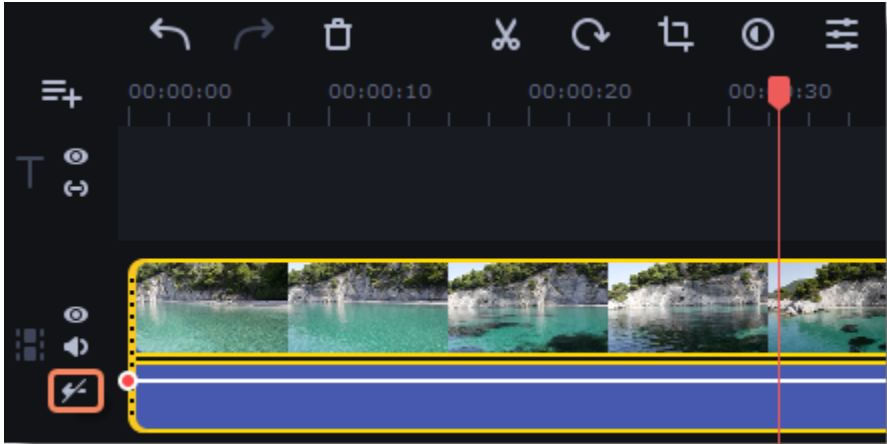
Ripple delete

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.

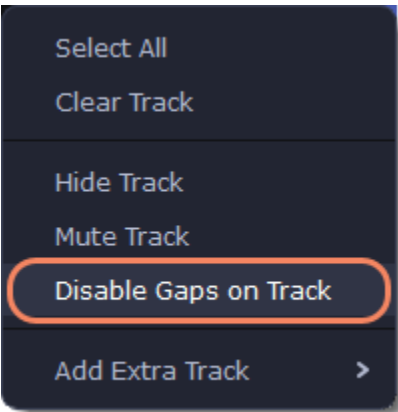


Disabling gaps on a track

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

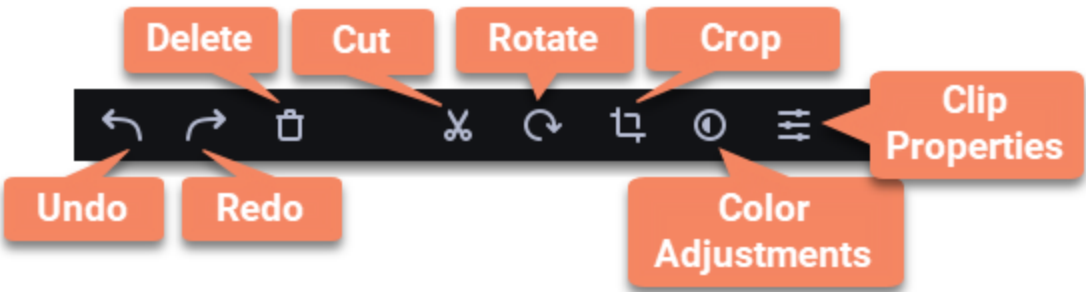


Either right-click on the area in front of the tracks and select **Disable Gaps on Track** in the context menu.



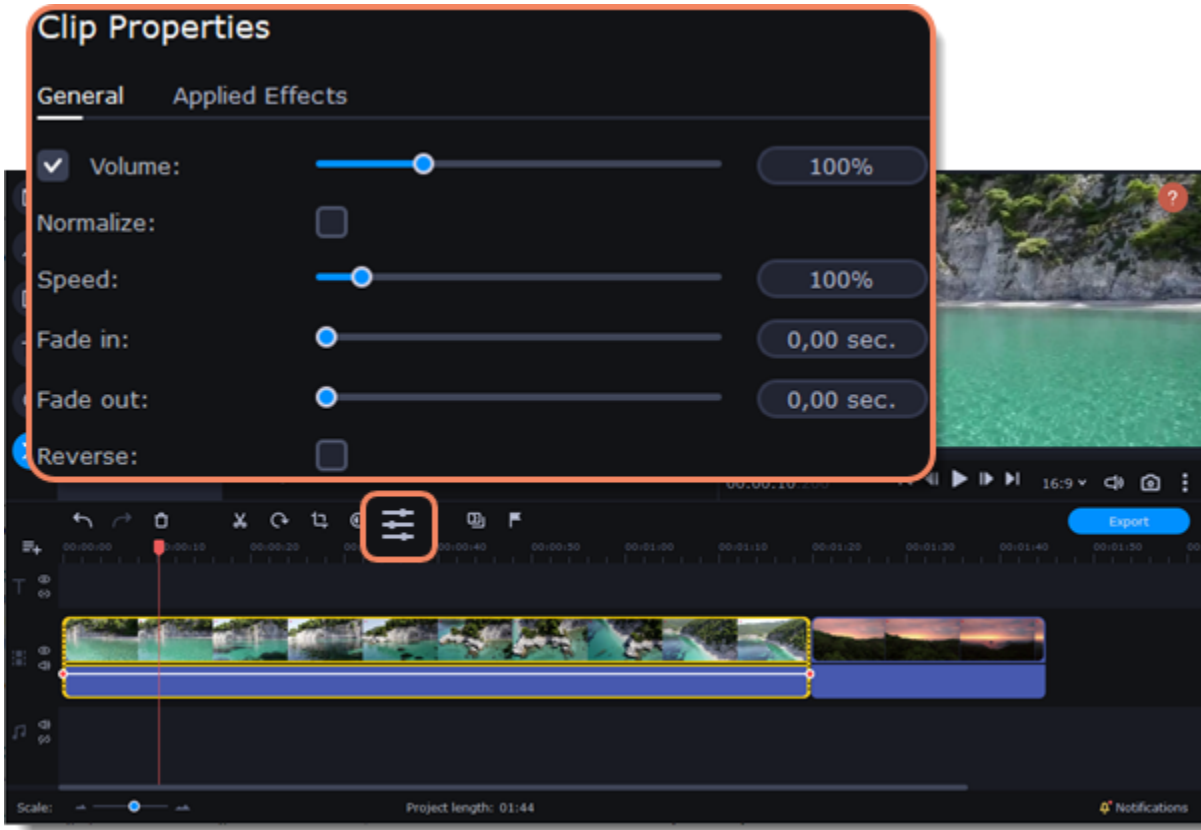
Edit and enhance clips

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



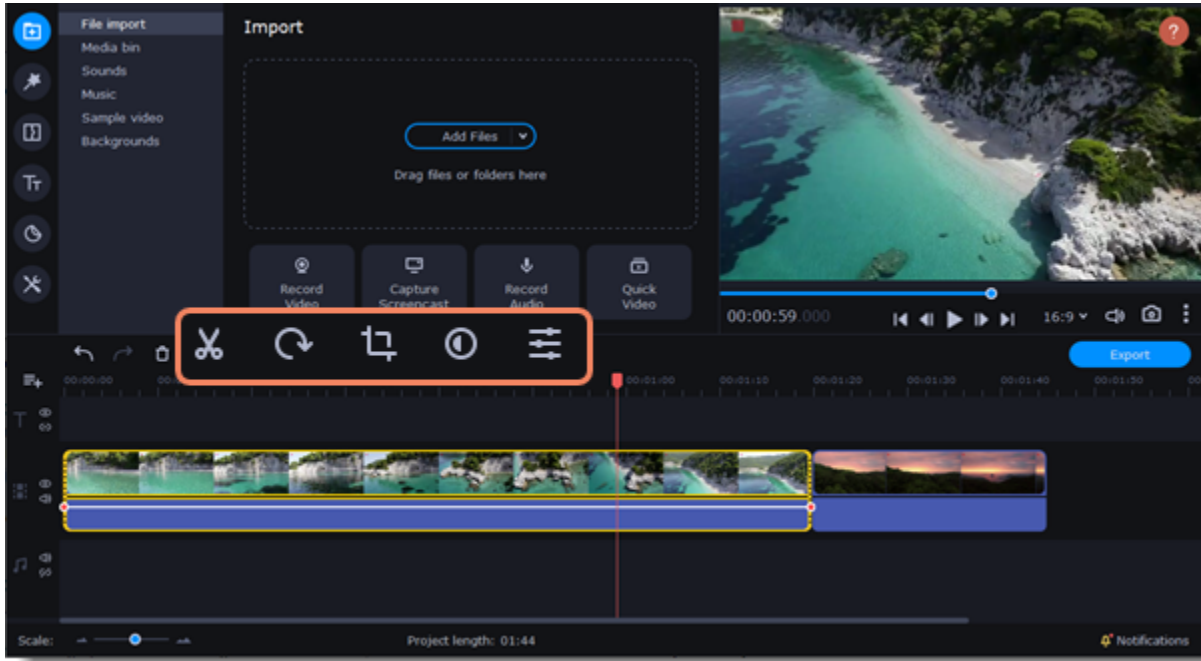
In a table below see what tools you can use on clips and how to apply them.

Split	Set the position marker on the Timeline where you want to separate your clip and cut it.
Rotate	Turn the clip clockwise.
Crop	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.



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.



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.

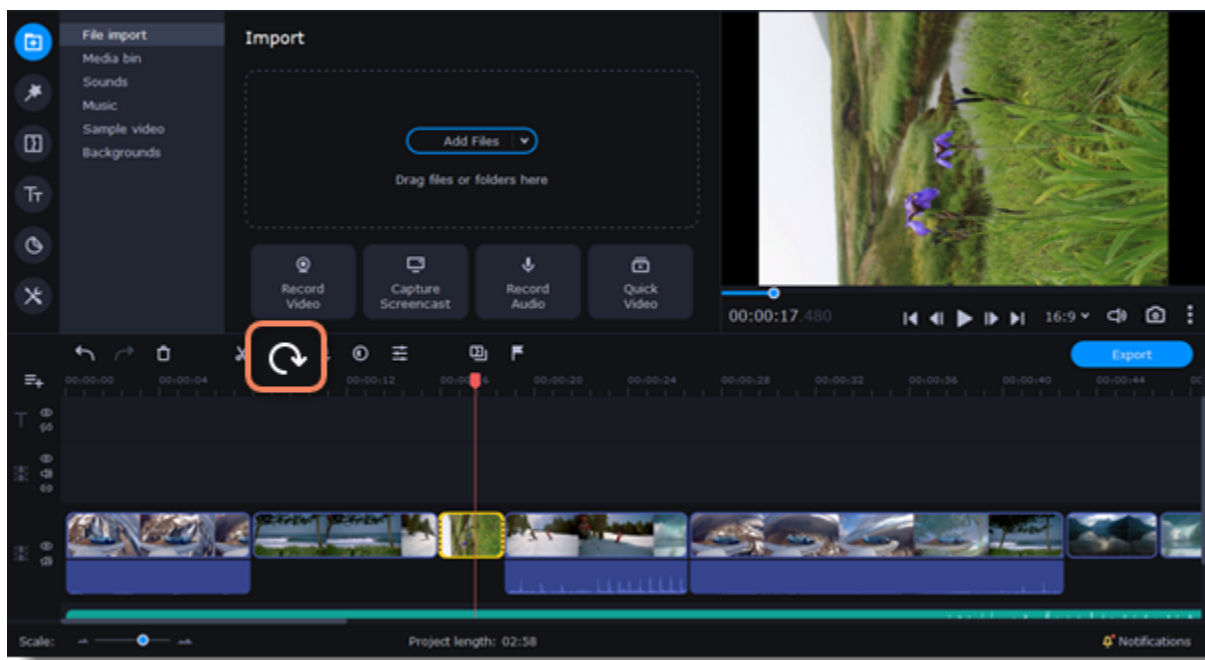
Rotating videos and images

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

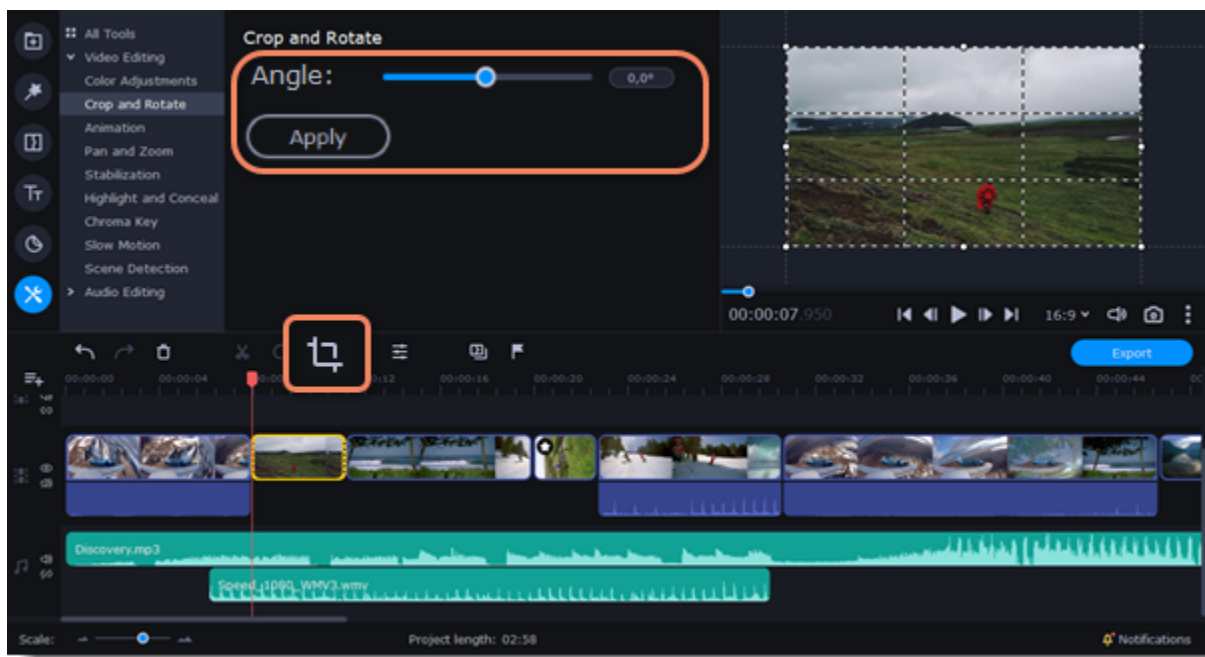
1. Select the clip you want to rotate
2. Click the **Rotate** button on the toolbar to rotate the clip by 90 degrees clockwise. Click the button again to rotate the video more.

Learn more: [Removing black bars](#)



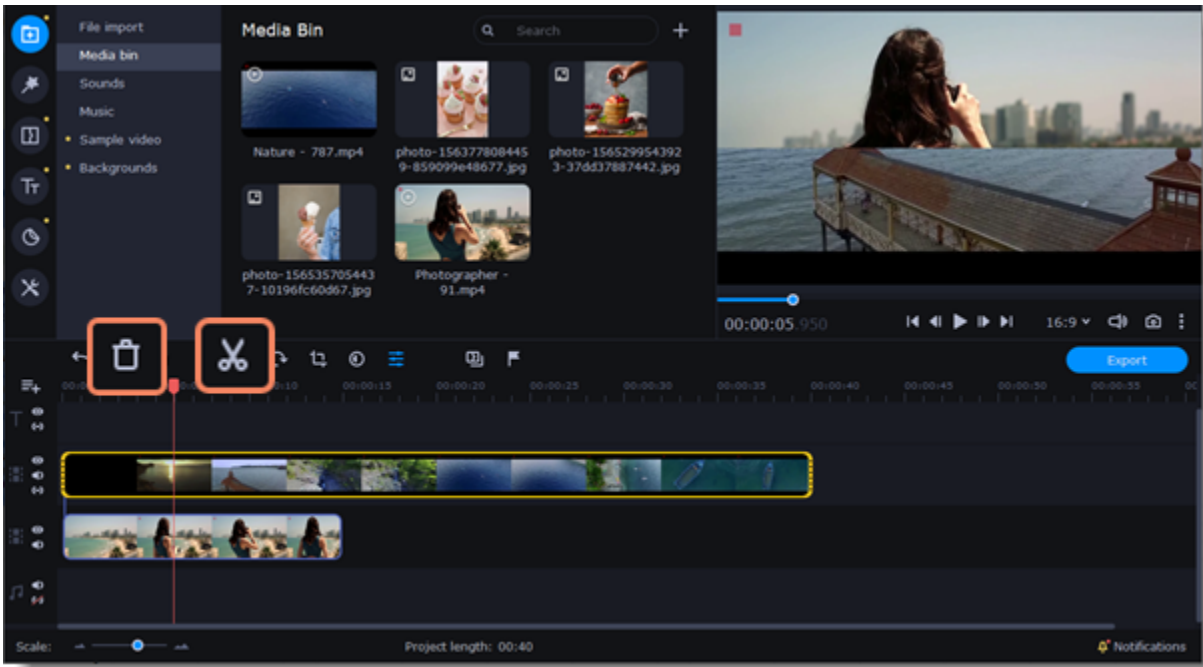
Fixing the horizon level

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.

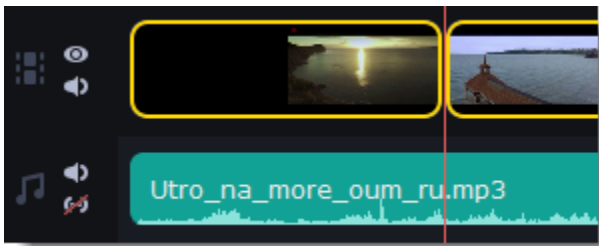
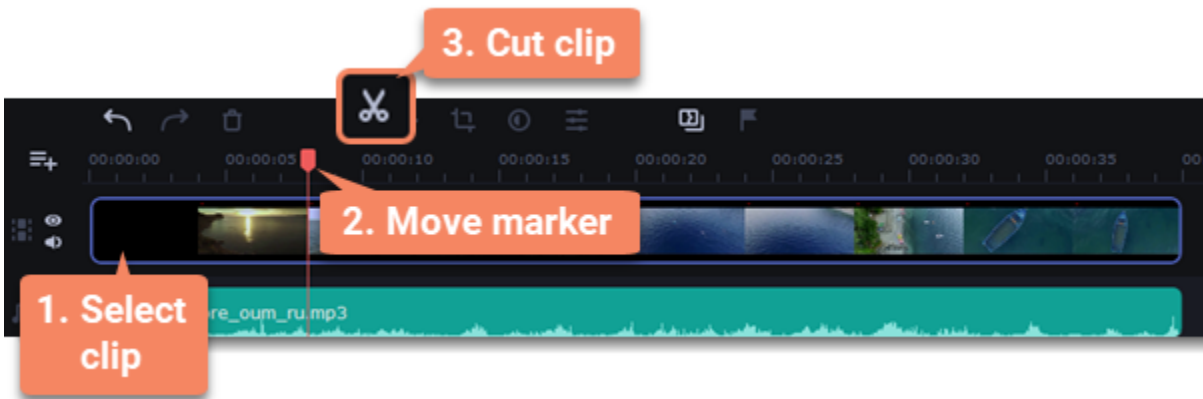


Cutting clips

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.



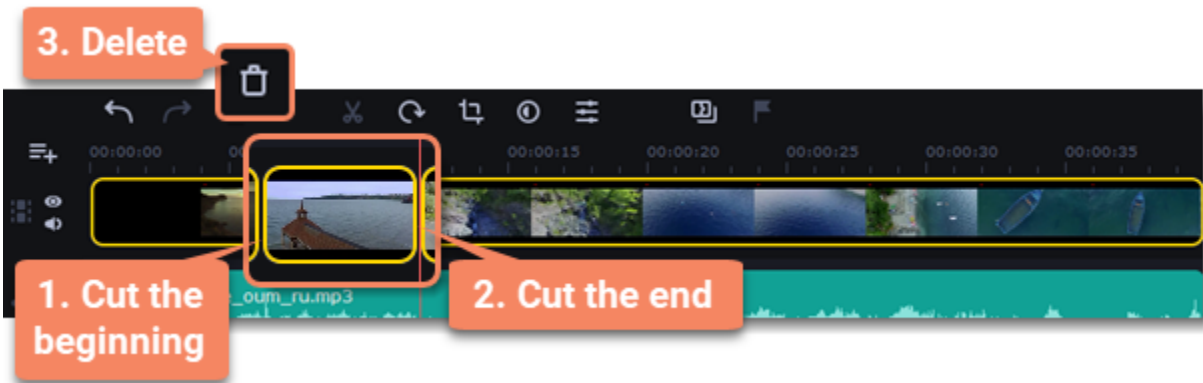
- Splitting clips into parts
1. Select the clip that you want to split.
 2. Move the position marker to the moment where you want to cut the clip.
 3. Click the Split button on the toolbar.



How does the cut clip look like.

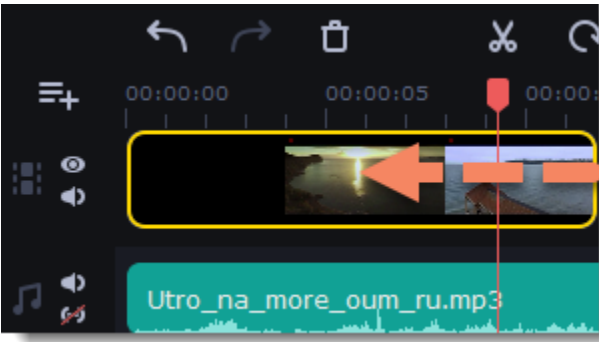
- Cutting out fragments
- Cut the clip at the beginning of the unwanted fragment
1. Select the clip you want to cut.
 2. Move the position marker to the beginning of the fragment. Use the Previous Frame and Next Frame buttons on the player to catch the moment precisely.
 3. Click the Split button. The 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.



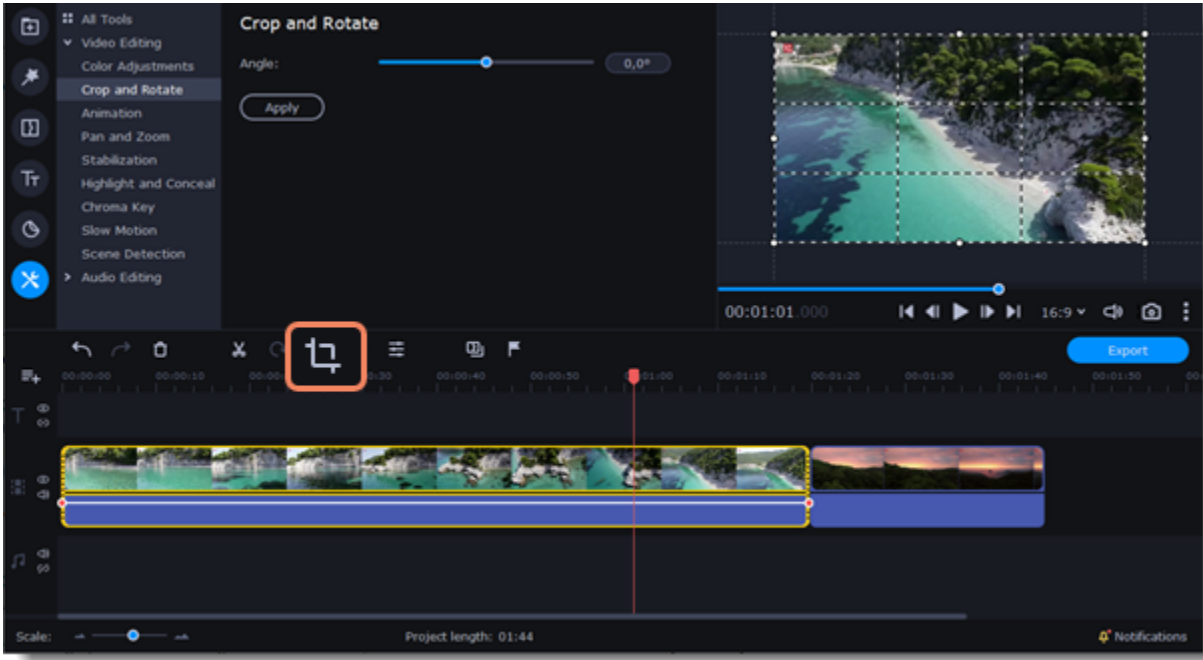
- Use the Previous Clip and Next Clip to switch between the clips in the player. You can also use the Shift+Left and Shift+Right keyboard shortcuts.



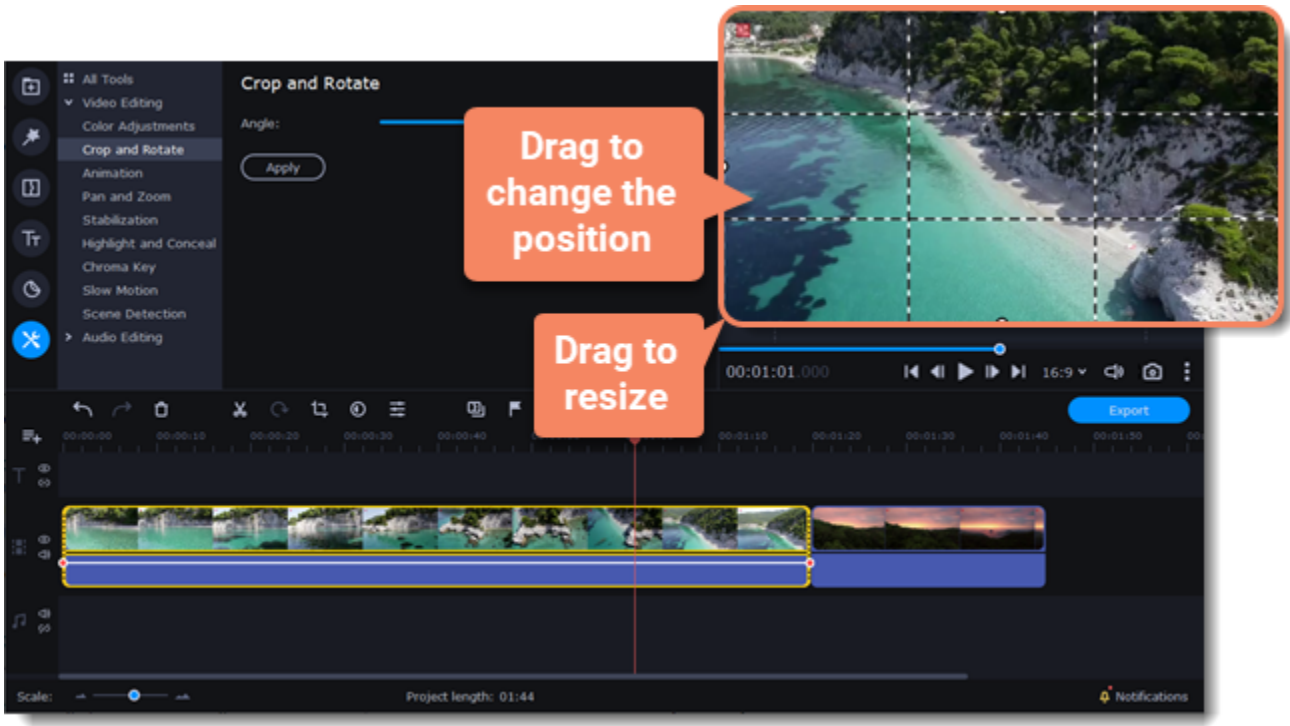
Cropping video

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.

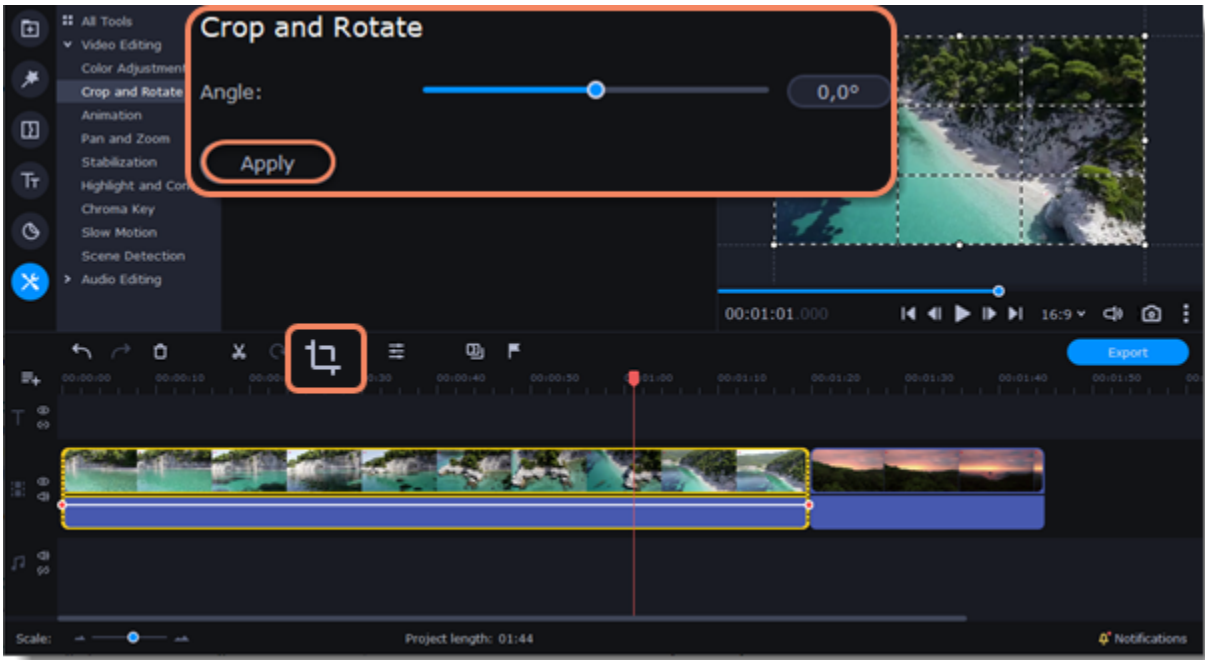
1. Select the clip on the Timeline.
2. Click the **Crop** button on the toolbar to open the Crop tool, and a cropping frame will appear inside the player.




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.




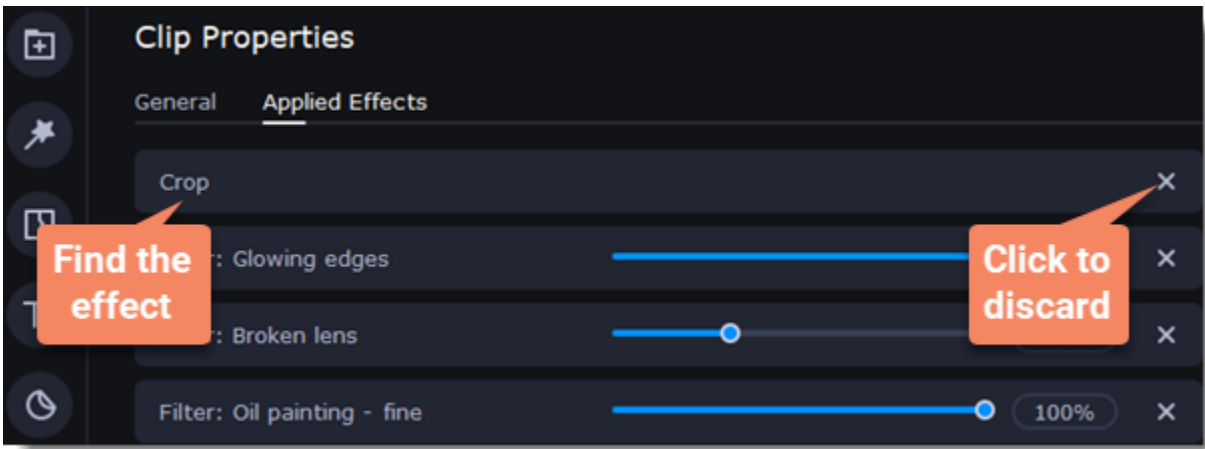
4. Click **Apply**. A star  icon will appear on the clip once you've applied cropping.

Removing crop

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



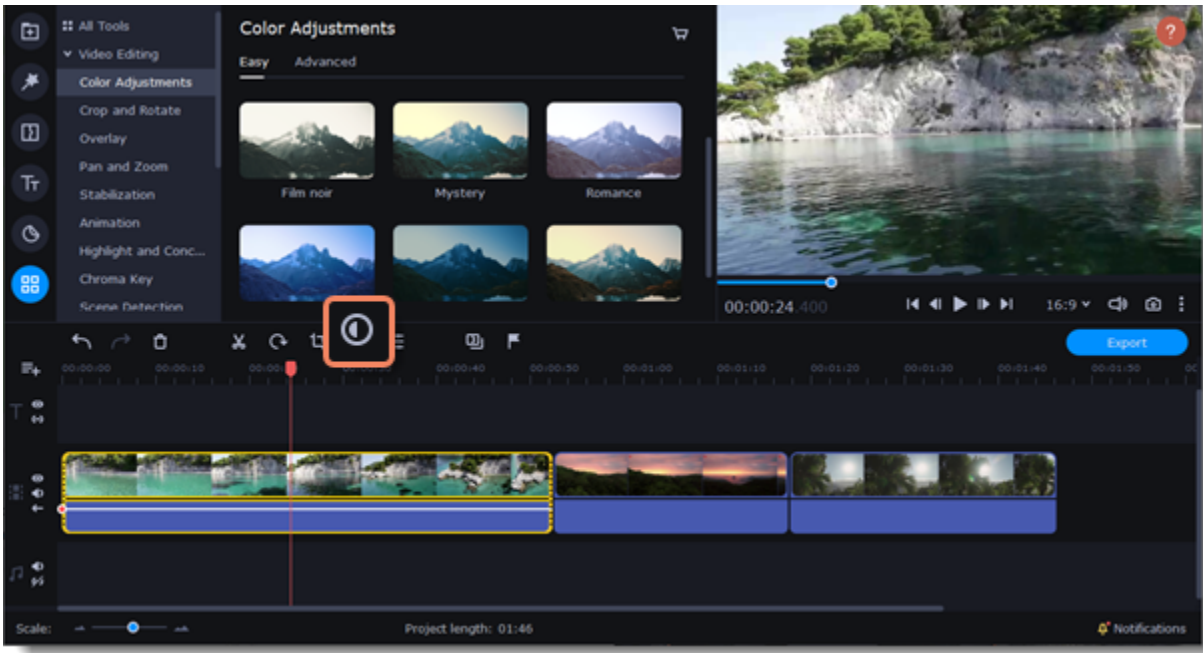
2. A tab will open above the toolbar. Find the **Crop** effect and click the **cross** button  next to it to discard the effect.



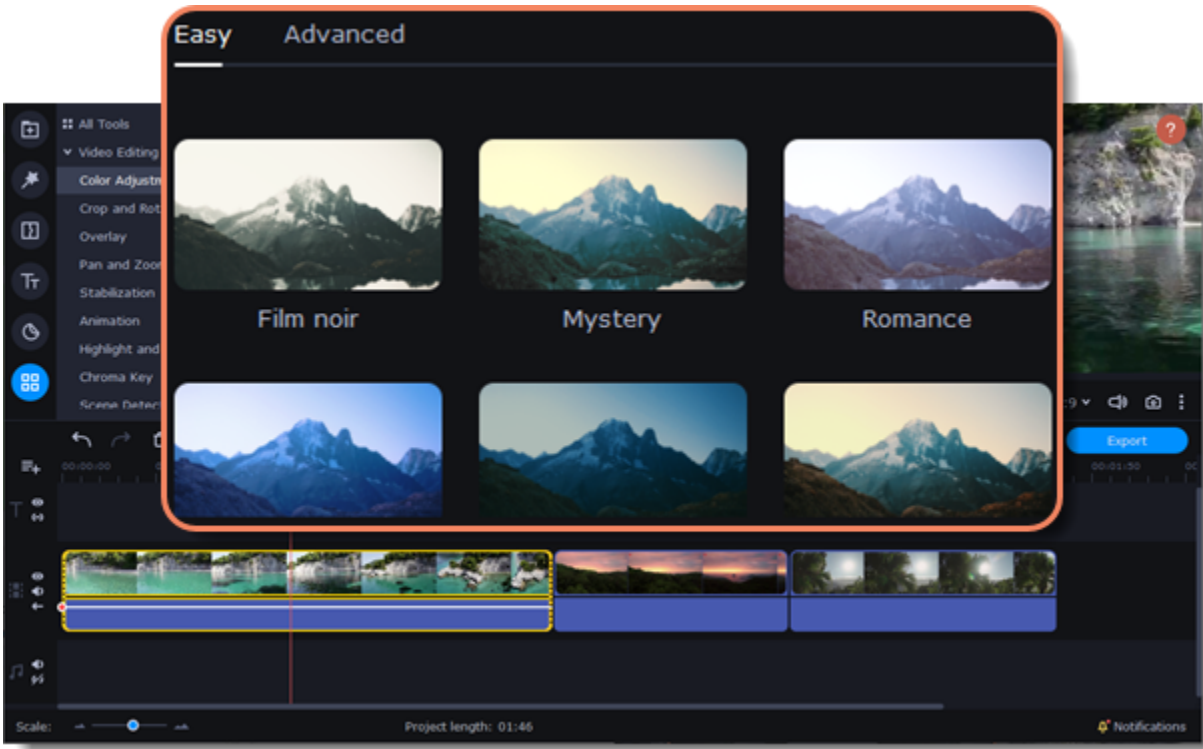
Color adjustments

Change color settings

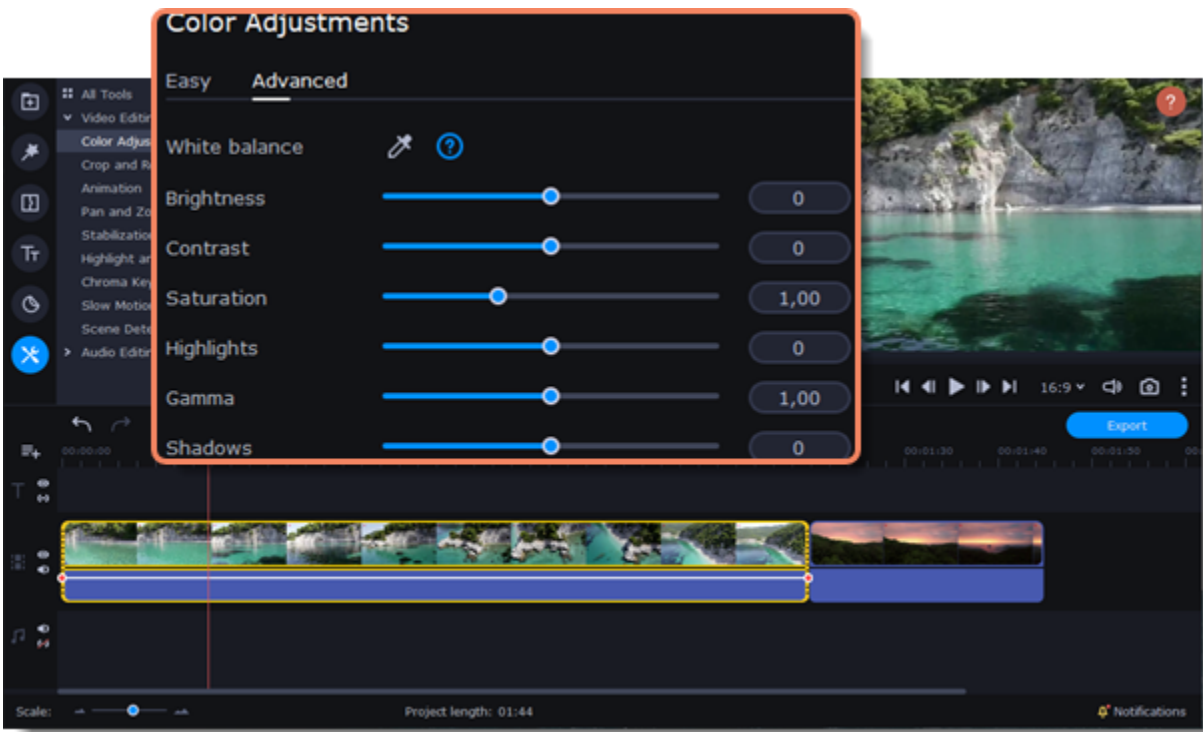
1. On the Timeline, select the clip that you want to adjust.
2. On the toolbar, click the color adjustments button to open the adjustments tool.




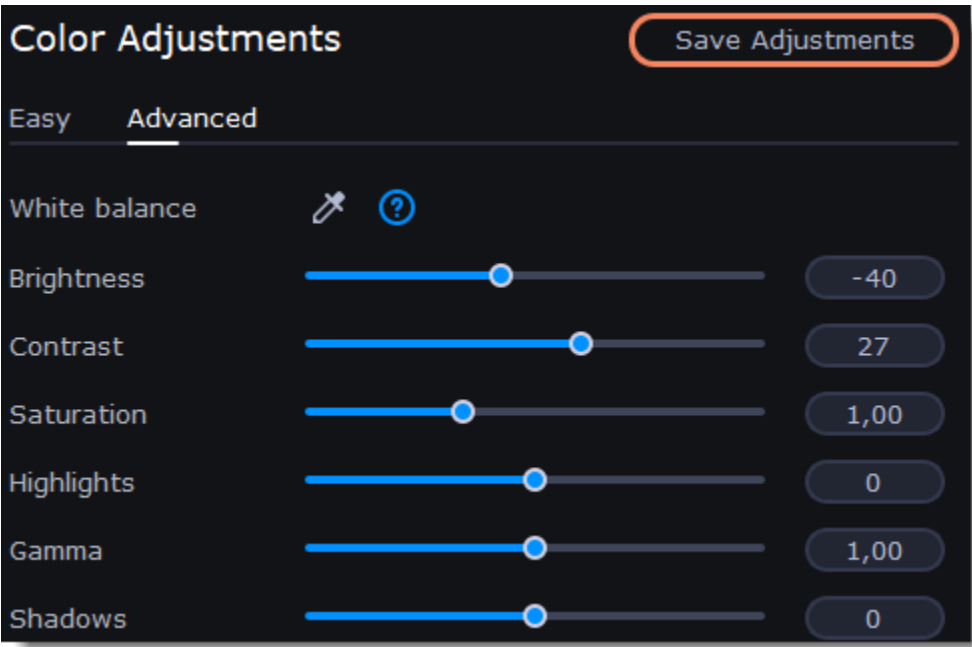
3. Select **Easy** mode to use color presets for quick and simple adjustment. Also you can change the color of the video using color templates. To apply the template drag it to the clip.



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



 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.




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



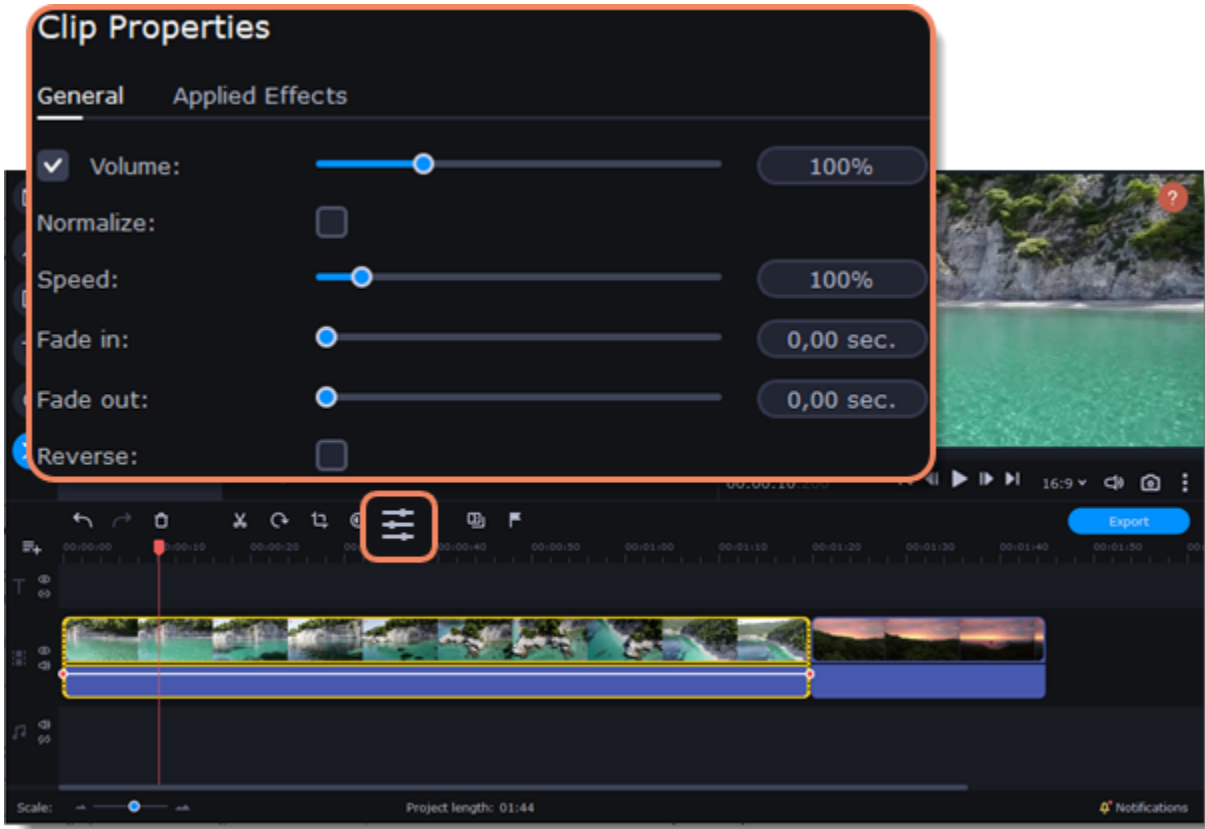
Video speed

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.

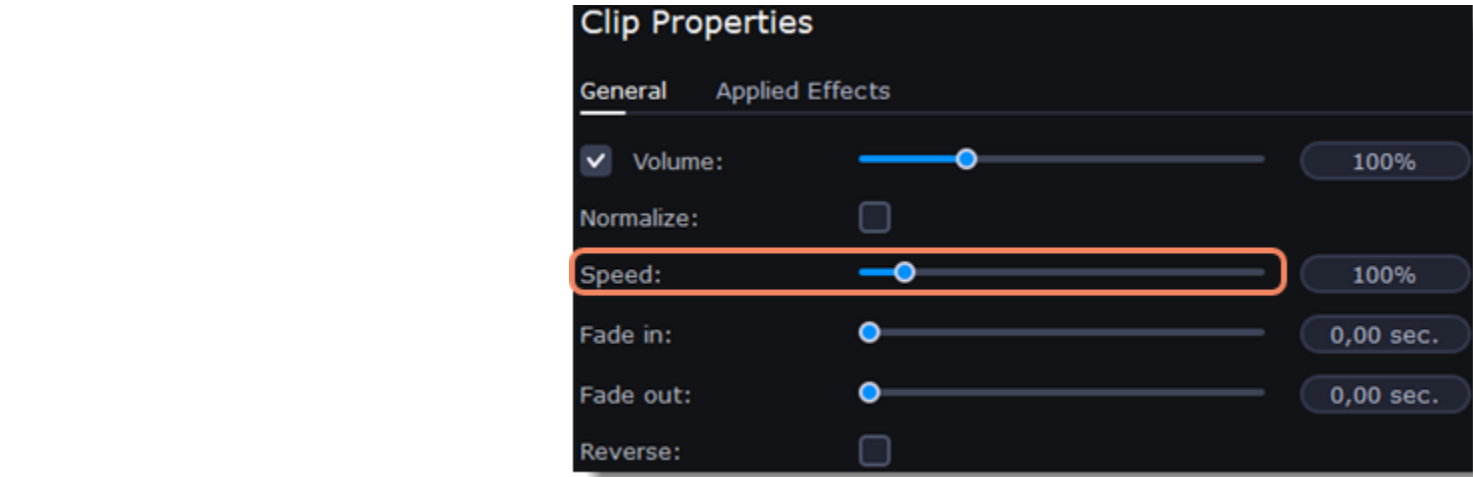
1. On the Timeline, select the clip you want to edit.


 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.



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



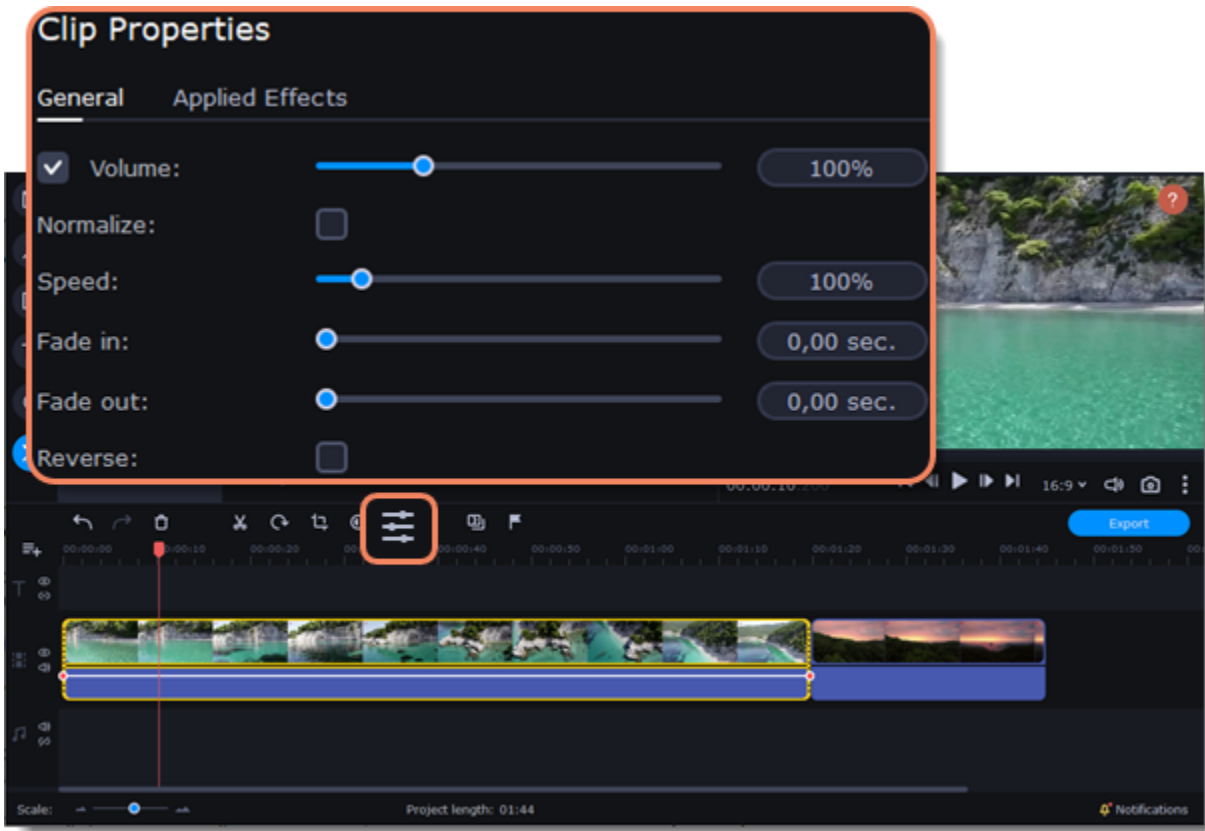
 The clip's length on the Timeline will change to reflect the new speed. If you've changed video speed, the video clips will be marked with a star icon:



Reversing video

Reversing the video will play the clip and its audio backwards. You can combine reversing the video with increasing [speed](#) and the VHS [filter](#) 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.



3. In clip properties, select the **Reverse** option.



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

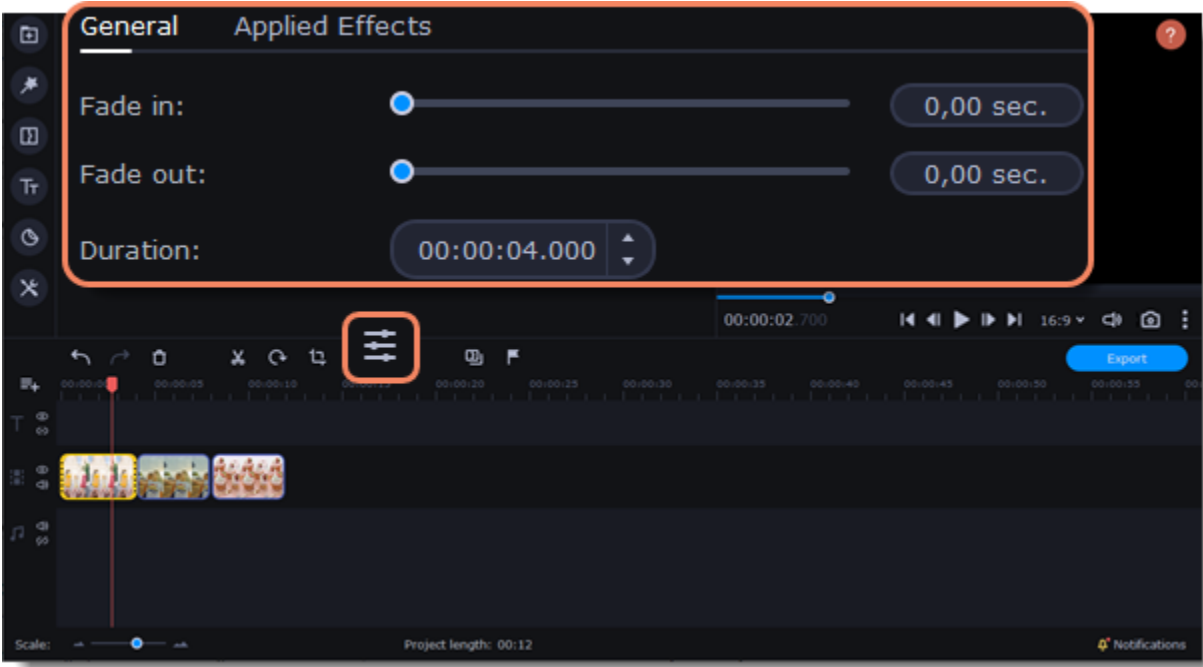


Image duration

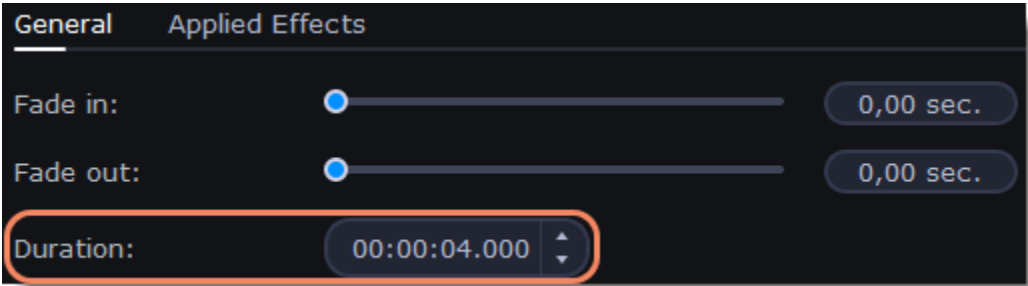
You can change how long each image appears in your video or slideshow either using the clip properties or you can set all images to the same length.


Changing one image's length

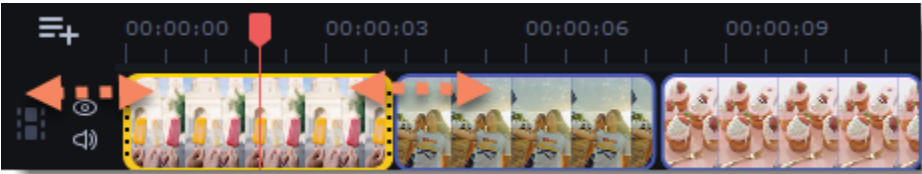
- 1. On the Timeline, select the image clip that you want to edit.
- 2. Click the **Clip Properties** button to open the properties for the selected clip.



- 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.



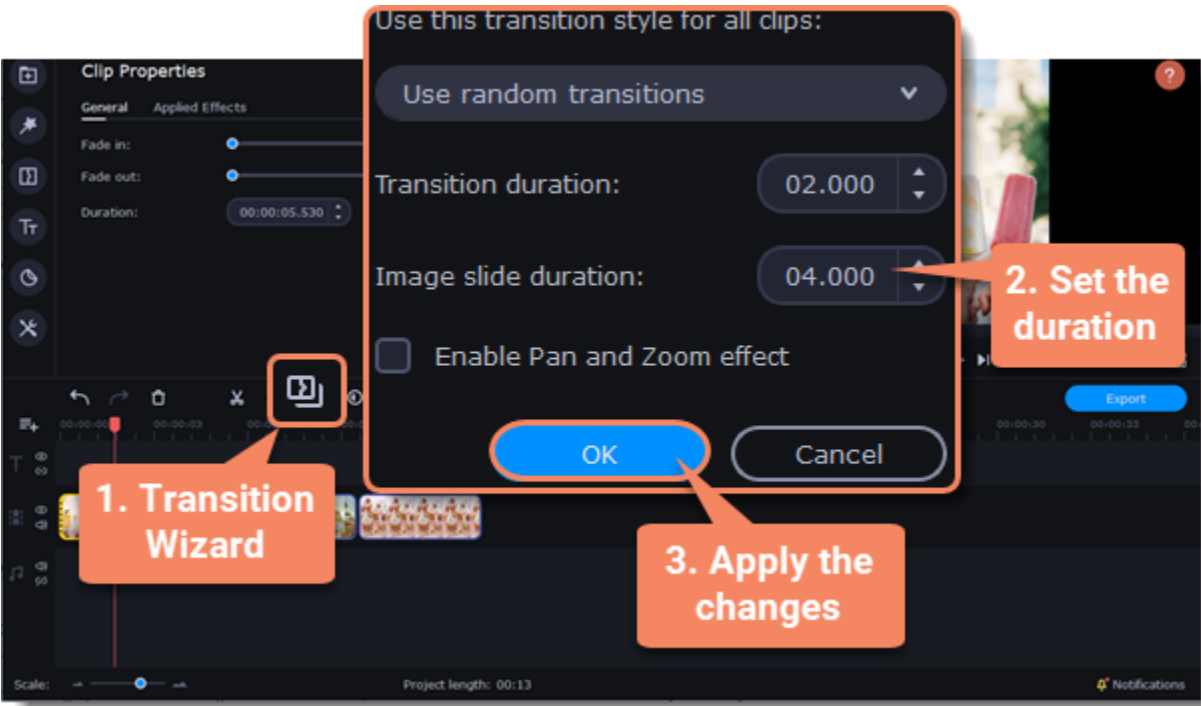
 You can also change image duration by selecting an image clip on the Timeline and dragging its borders left or right. The longer the clip appears on the Timeline, the longer it will play in your movie or slideshow.



Setting the same length for all images

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

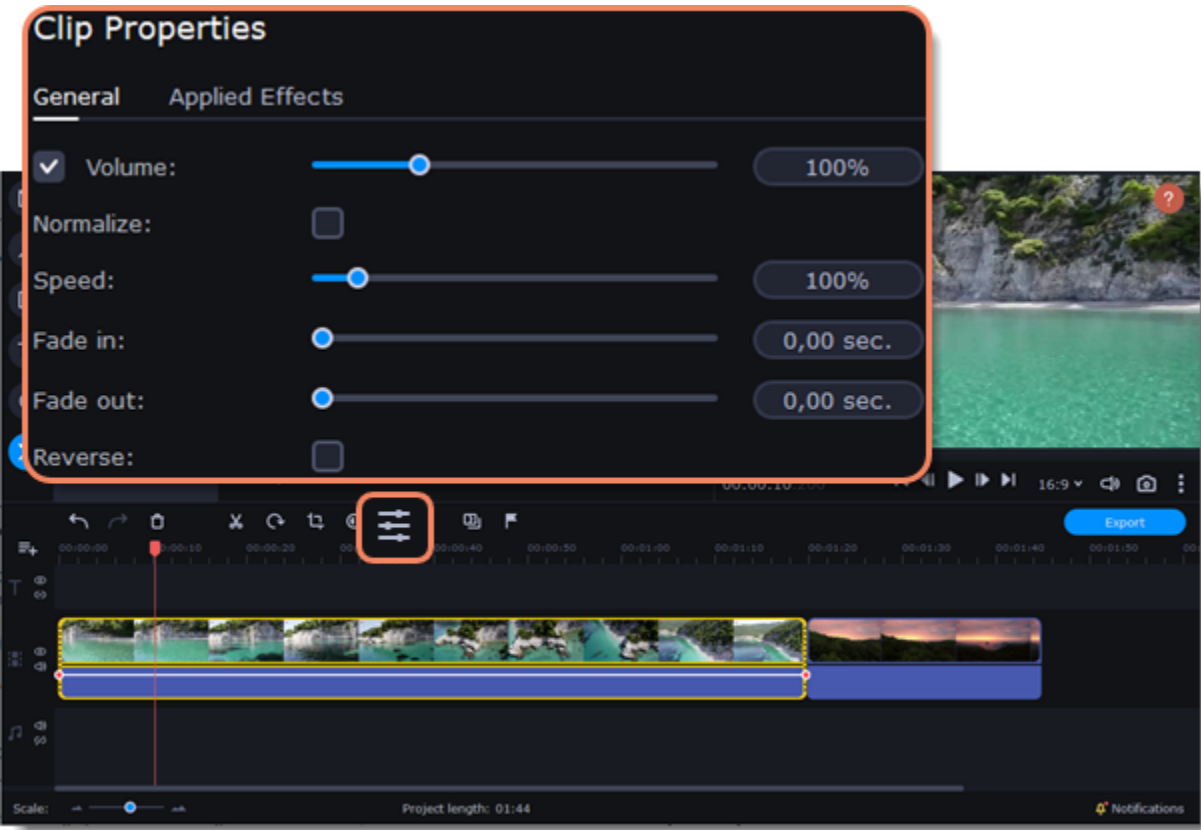
- 1. Click the **Transition Wizard** button on the toolbar.
- 2. In the Transition Wizard window, enter the preferred length into the **Image slide duration** box. If you don't want to use transitions to join your clips, select **No transitions** in the box at the top.
- 3. Click **OK** to set all the images to the selected length.




Fading video

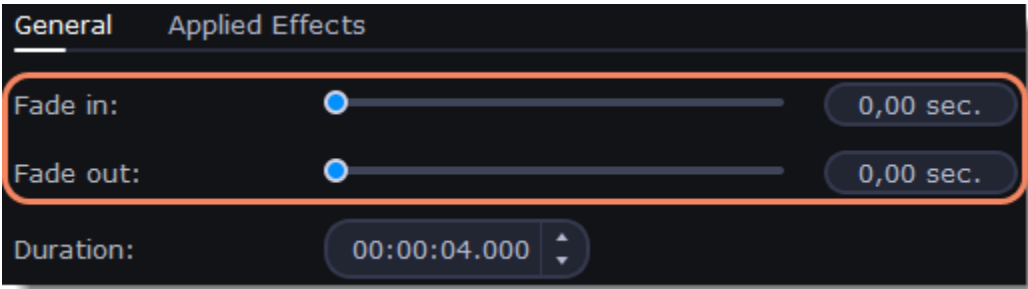
In the editing tools, you can add smooth fades to the beginning or the end of a clip. For videos and images, you can use fading simultaneously with animated transitions. For audio clips, you can create a smooth crossfade effect between songs.

- 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.



- 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.



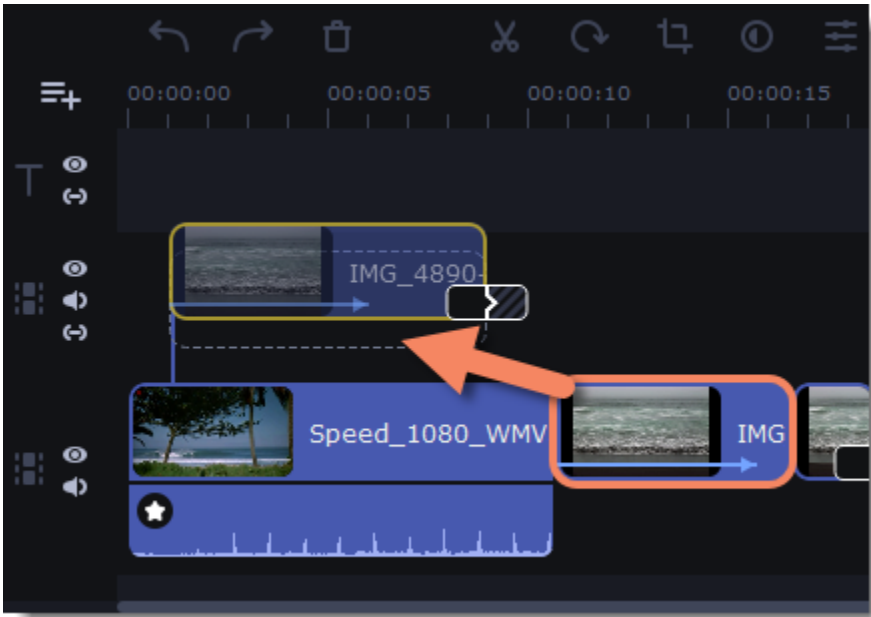
See also:
[Adding transitions](#)
[Fading audio](#)

Creating overlays

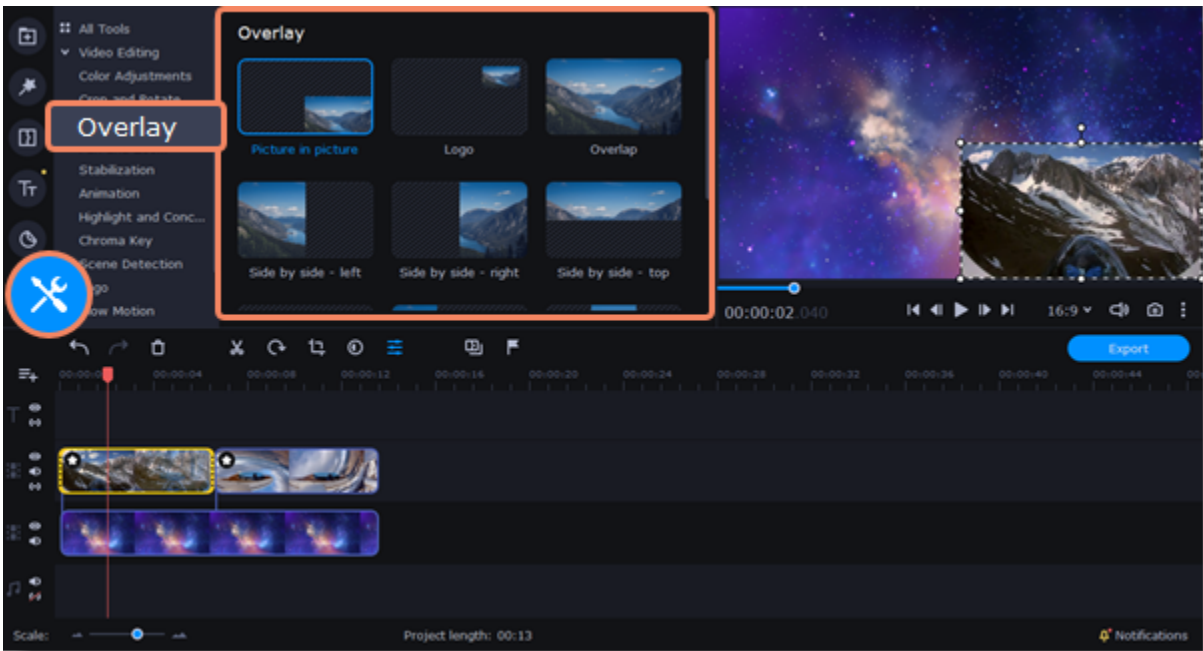
Overlays are video or image clips that are shown over the main video. You can use these to create a split screen or picture in picture effect, add a logo or watermark, create a Chroma Key effect, or insert a short clip without cutting the main video.

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

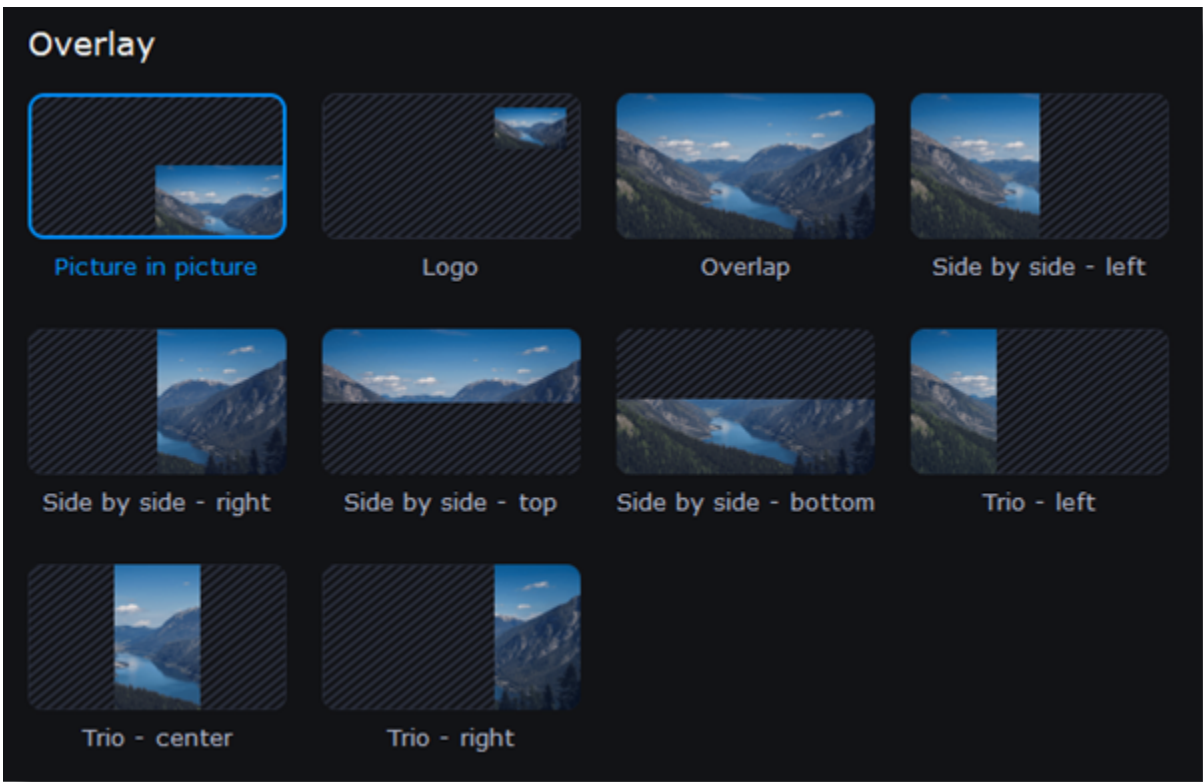
2. Select a clip which should go on the overlay track and drag it above the main video track.



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**.



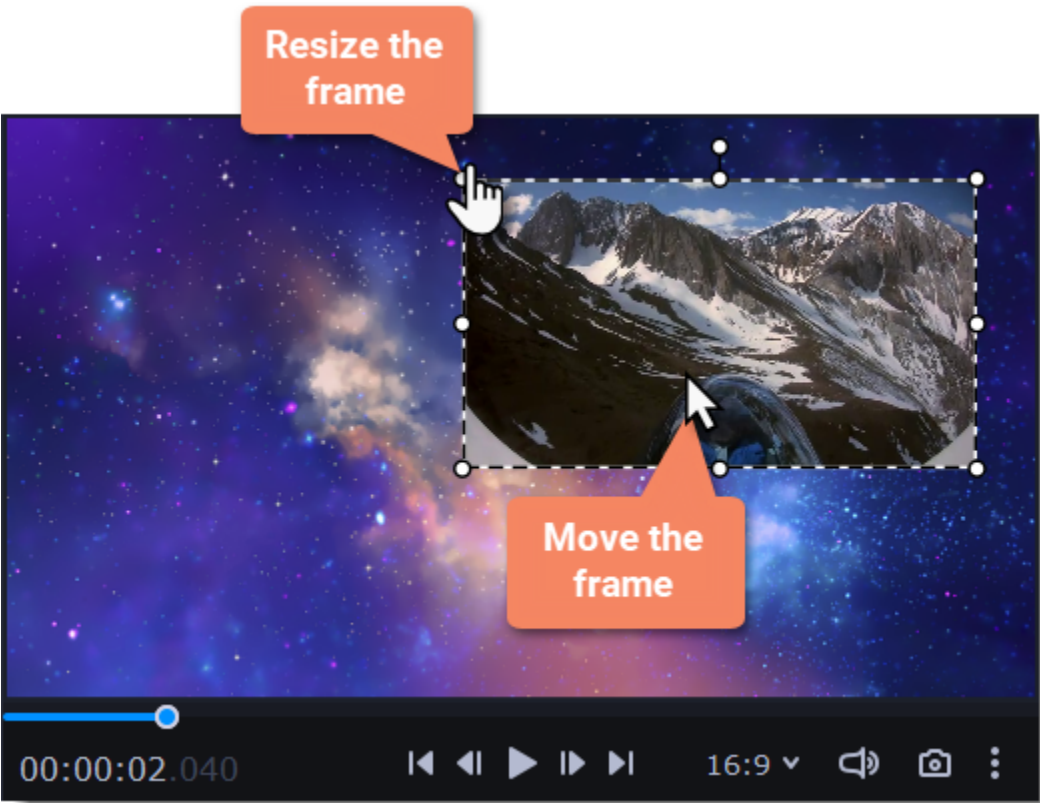
4. On the tool panel select overlay mode: **Picture in picture**, **Logo**, **Overlap**, **Side by side** or **Trio**.



Picture in picture mode

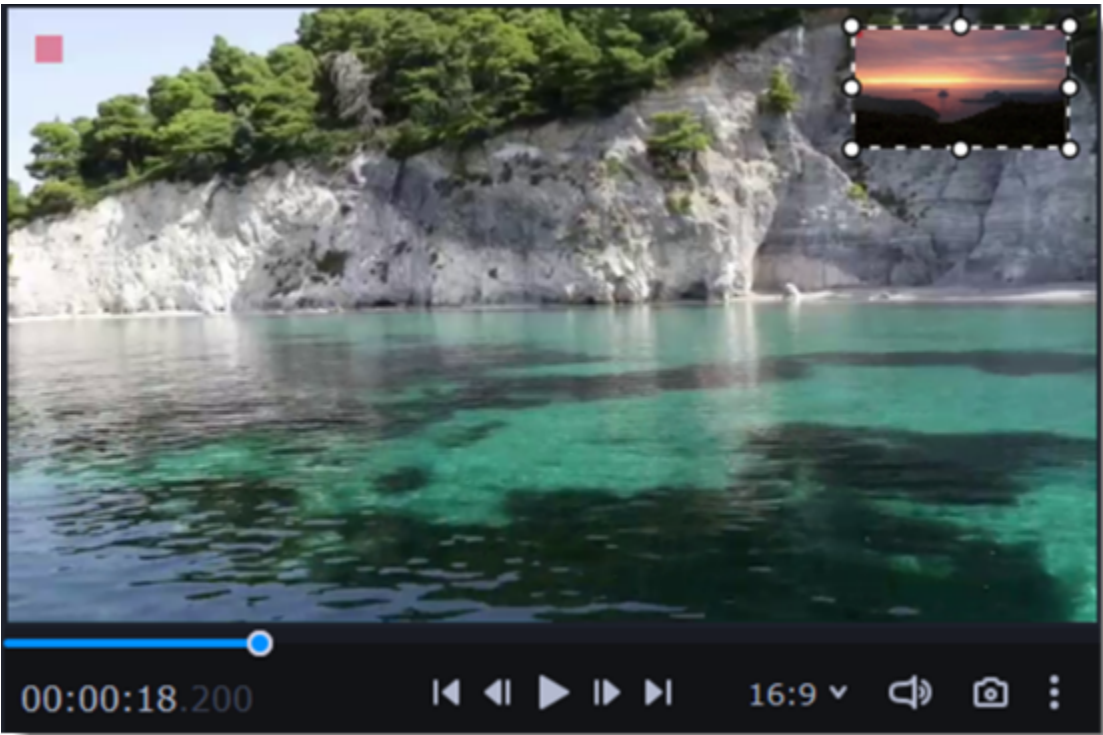
This is the default overlay mode. Using picture in picture mode, you can place the overlay video over any part of the screen.

- 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.



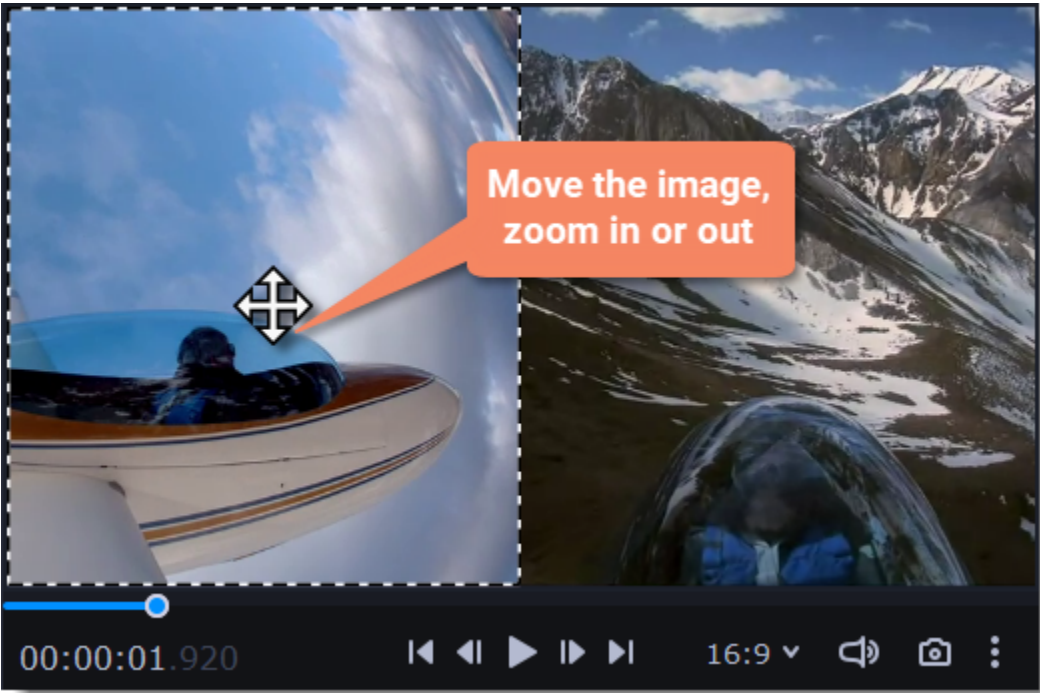
Logo mode

- 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

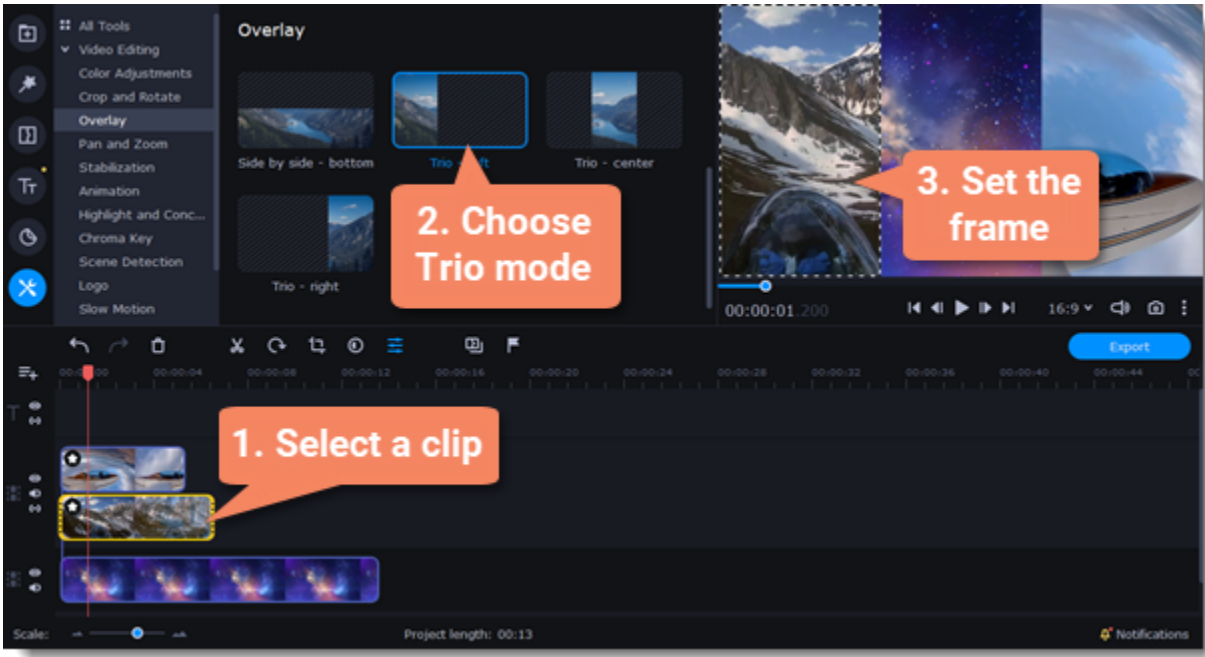
- This mode splits the frame into two parts.
- 1. Select a clip on the overlay track and then choose a side by side mode.
 - 2. Hover the cursor over the selected clip in the player. Move the image in the frame, and zoom in or out on it with the scroll wheel.



Trio mode

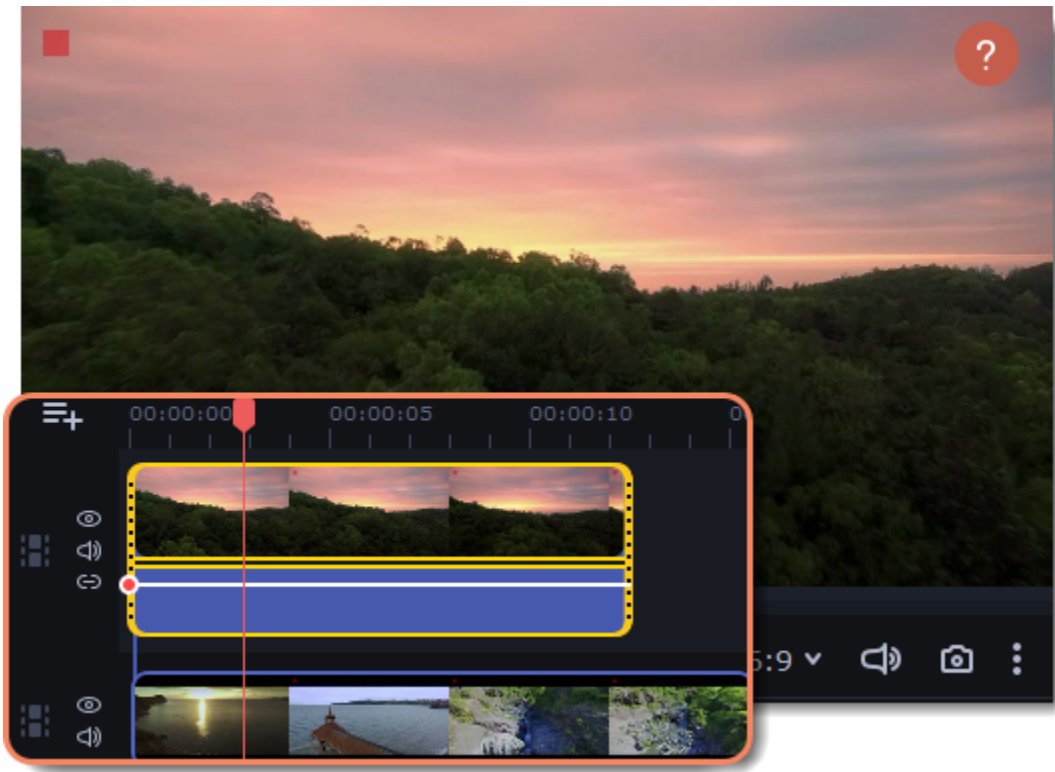
- With this mode you can have up to 3 videos in a single frame.
- 1. Select a clip on the overlay track and then choose a side by side mode.
 - 2. Hover the cursor over the selected clip in the player. Move the image in the frame, and zoom in or out on it with the scroll wheel.

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.



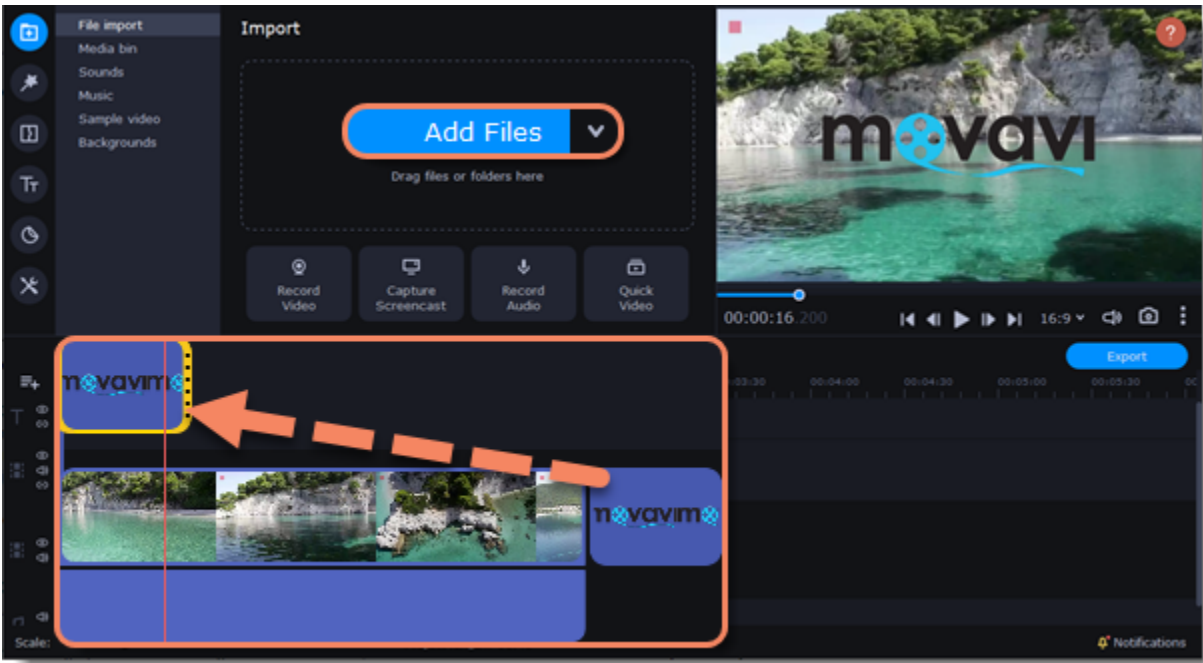
Learn more:
[How to change background \(Chroma key\)](#)

Adding a watermark

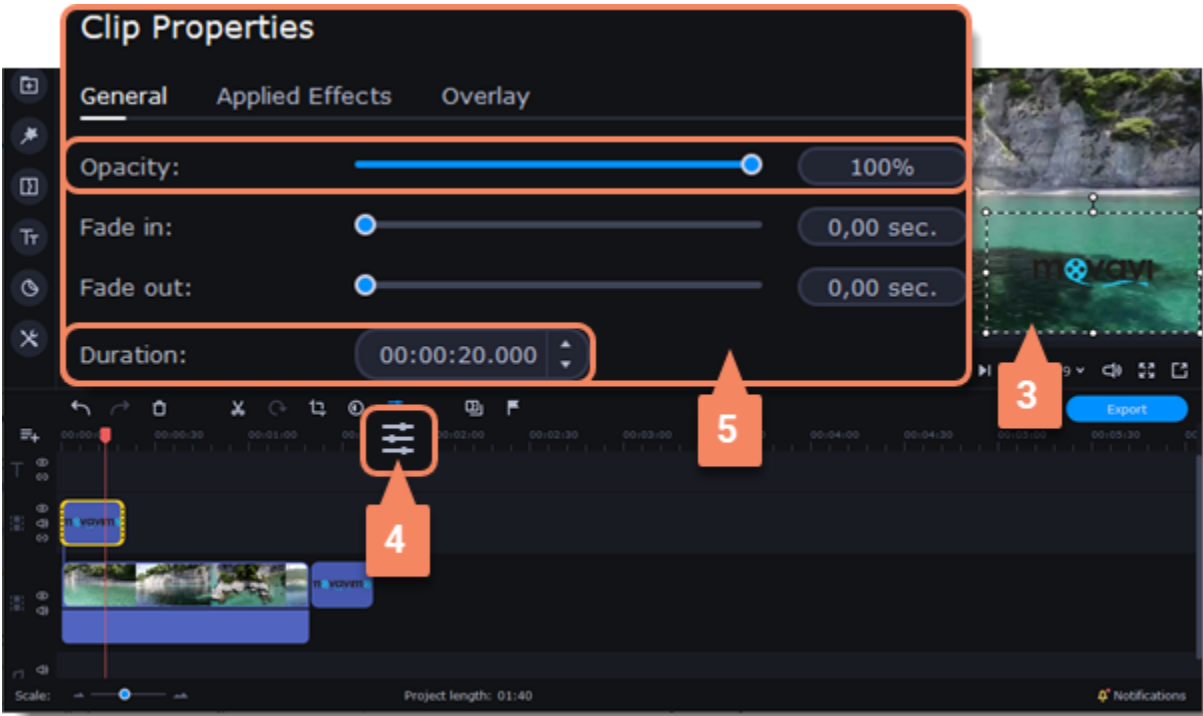
Adding a watermark to your videos will protect your ownership even if it's shared all over the Internet. You can add an image overlay with your own watermark or logo, or make a new one using text.

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.

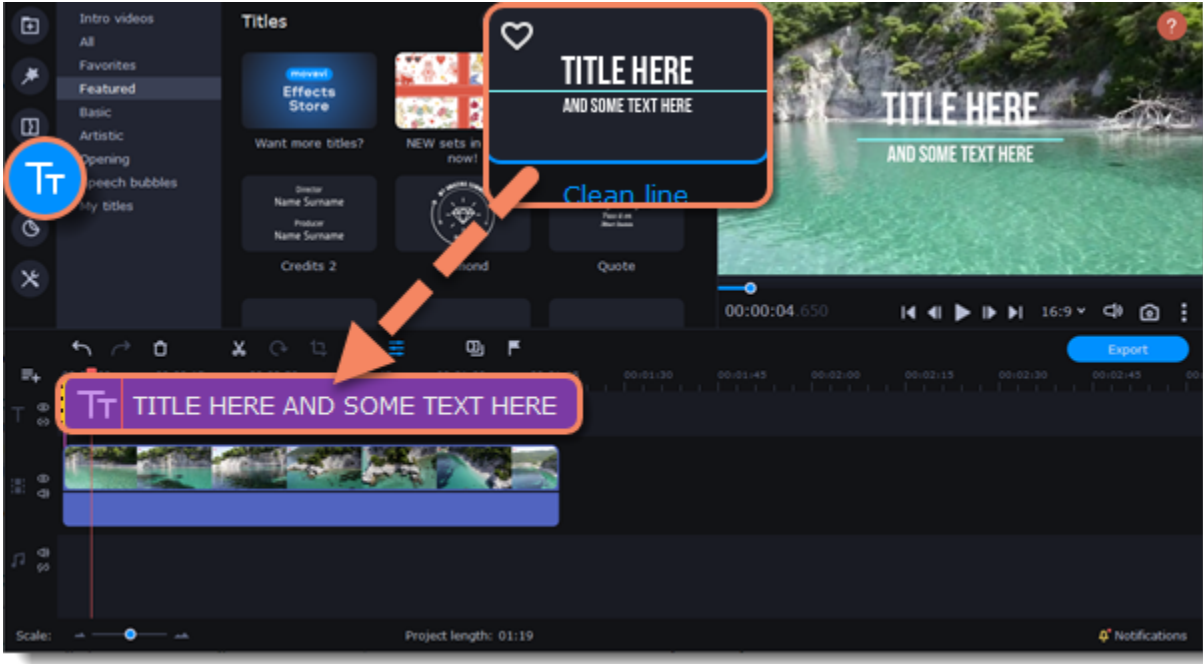


3. Double-click the watermark clip to edit the overlay, which you can move and resize in the player.
4. To change the opacity or duration of the watermark, click the **Clip Properties** button.
5. To set the opacity use **Opacity** slide in the properties. To make the watermark show over the whole length 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.




Text watermark

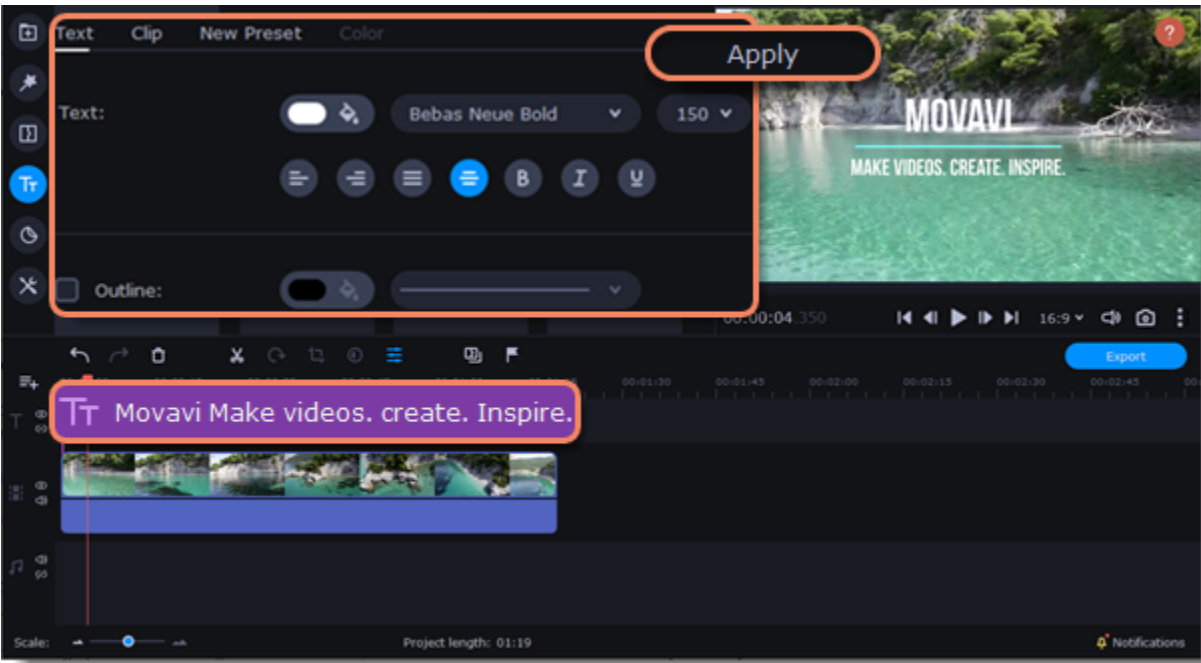
1. Click the **Titles** button on the left and pick a nice title style for your watermark.
2. Drag the titles you like onto the beginning of the Titles track at the top of the Timeline.



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.

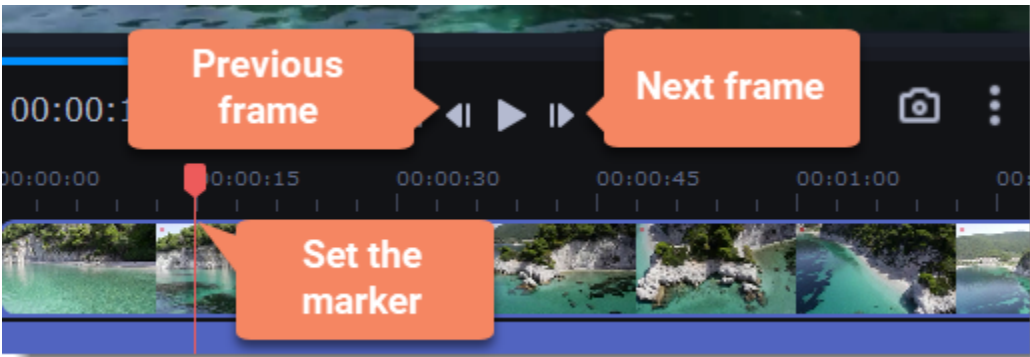
OR: Double-click the text clip to enter text editing mode and enter the length into the **Duration** field. You can find the length of your whole project at the bottom of the window.



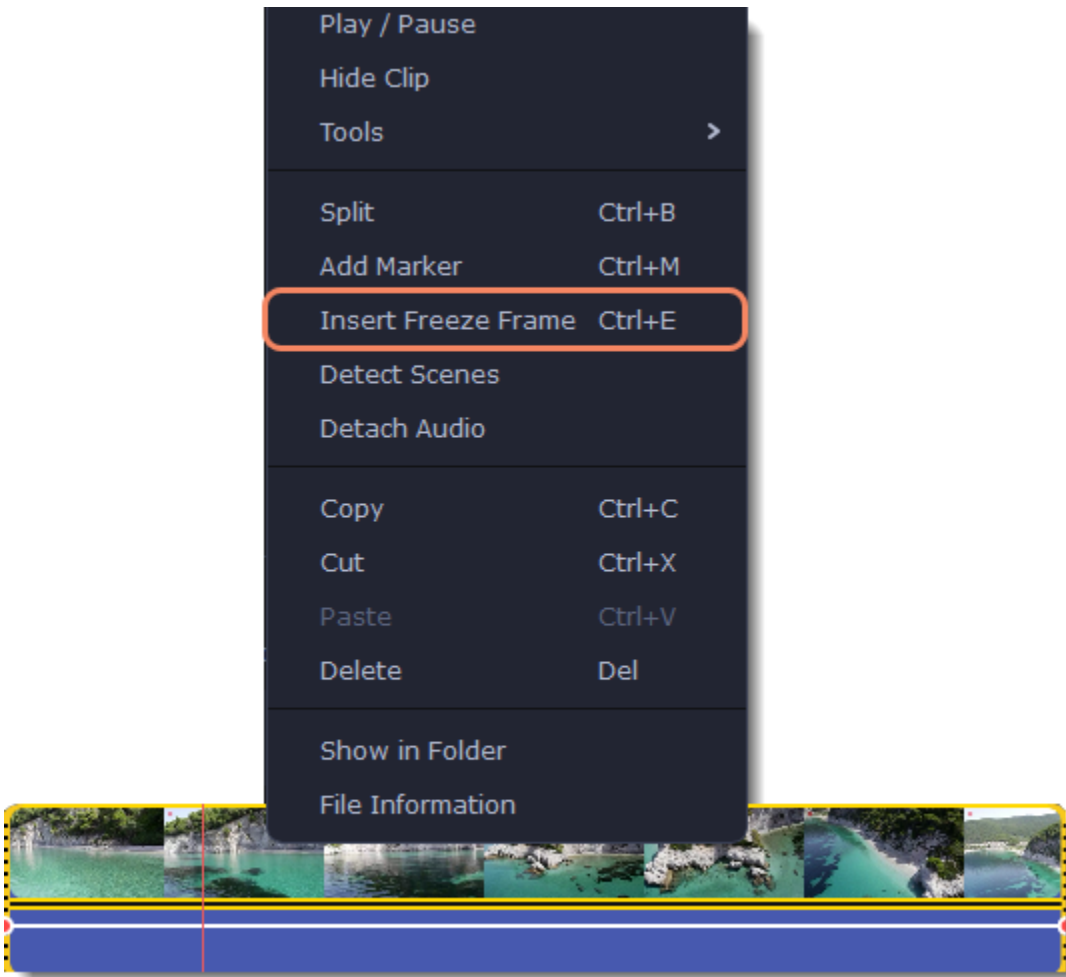
Creating a freeze frame

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.

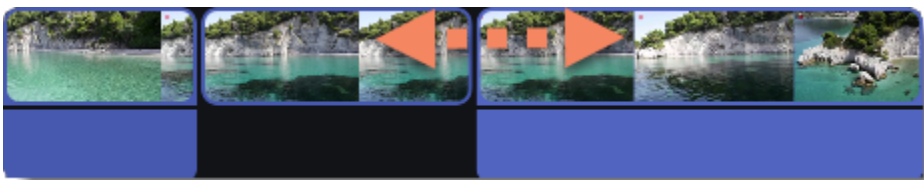
1. Move the position marker over the frame of the video that you want to freeze. To skip by precisely one frame at a time, use the **Previous frame** and **Next frame** buttons under the player.



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.

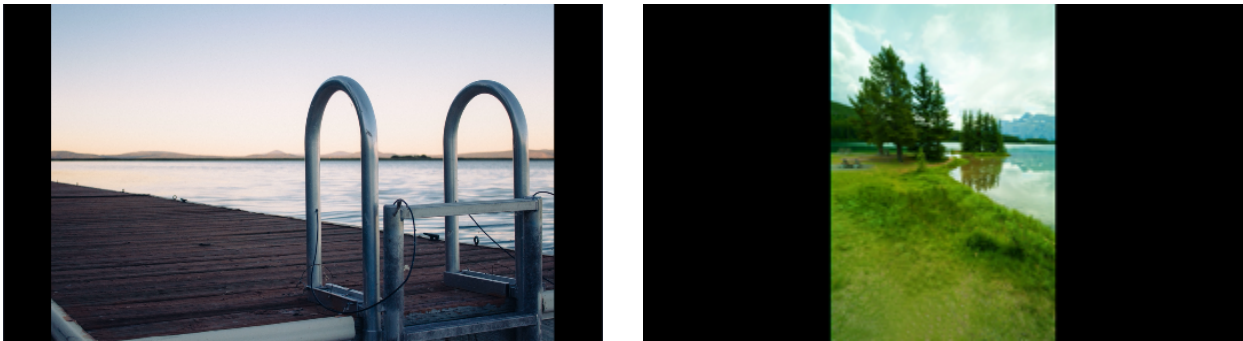


3. By default, a new freeze frame is four seconds long. To change the duration, drag the edges of the clip to make the clip shorter or longer. [Learn about changing image duration](#)



Removing black bars

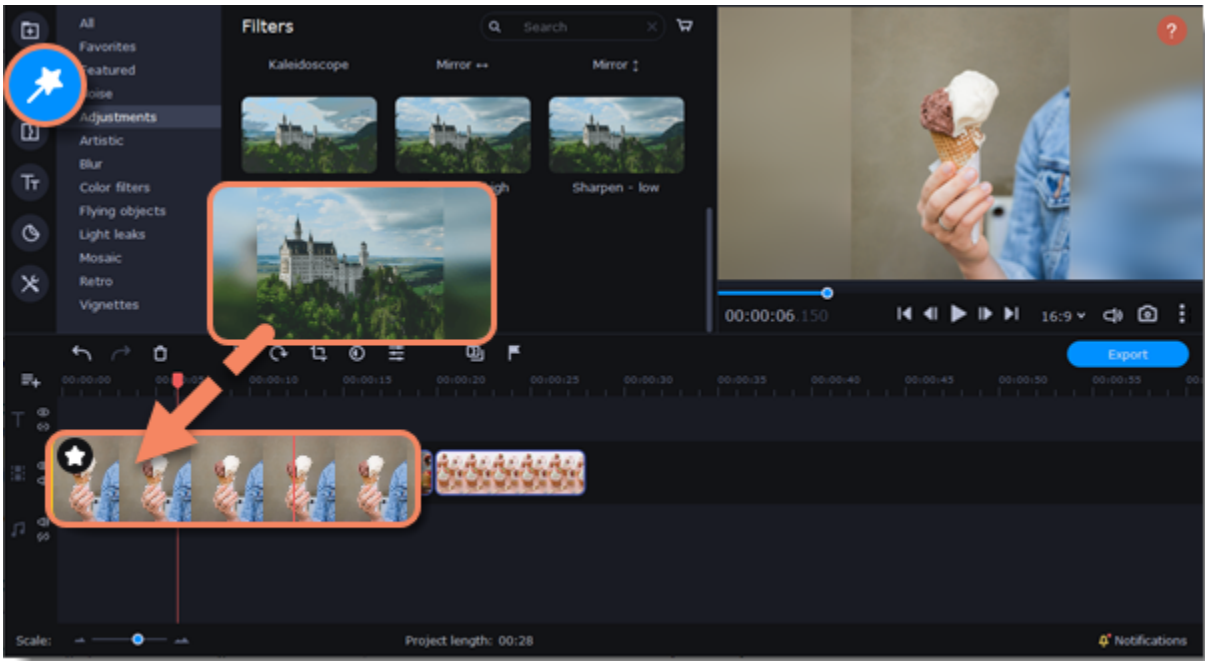
Sometimes, when you use videos of different aspect ratios, or if the project is set up incorrectly, some videos may have black bars around them. You can remove black bars from videos using one of the ways below.



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](#)

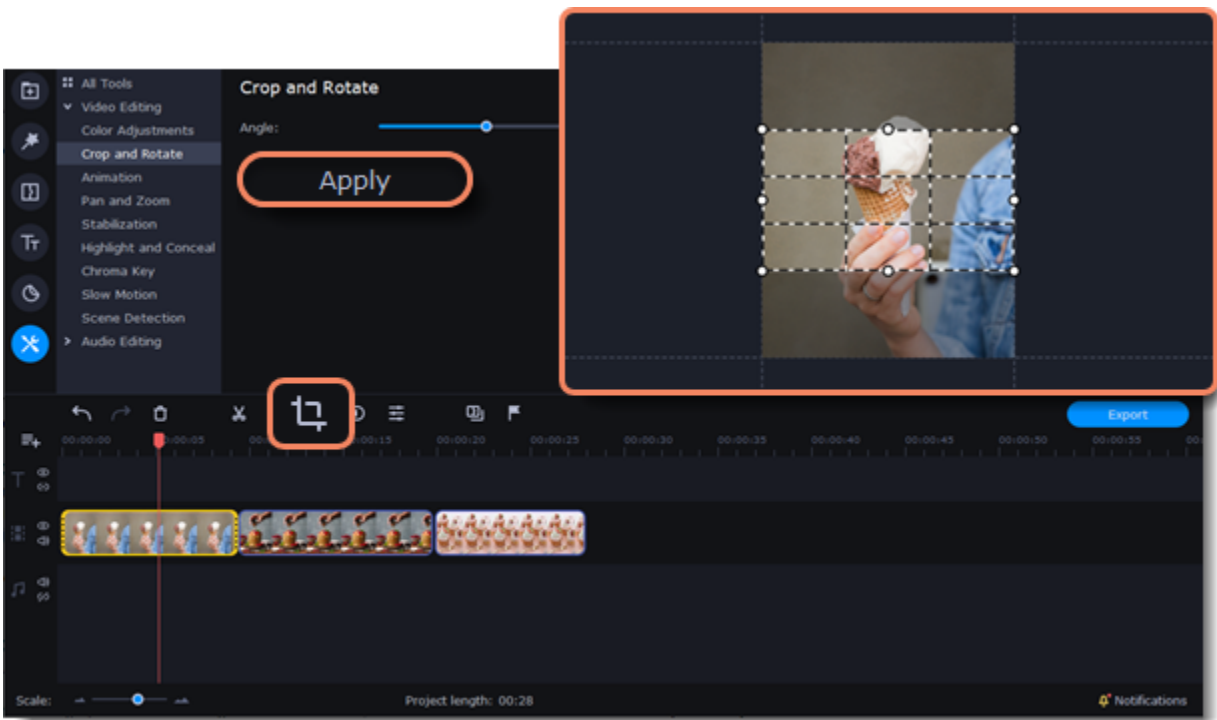


Manual crop

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](#)



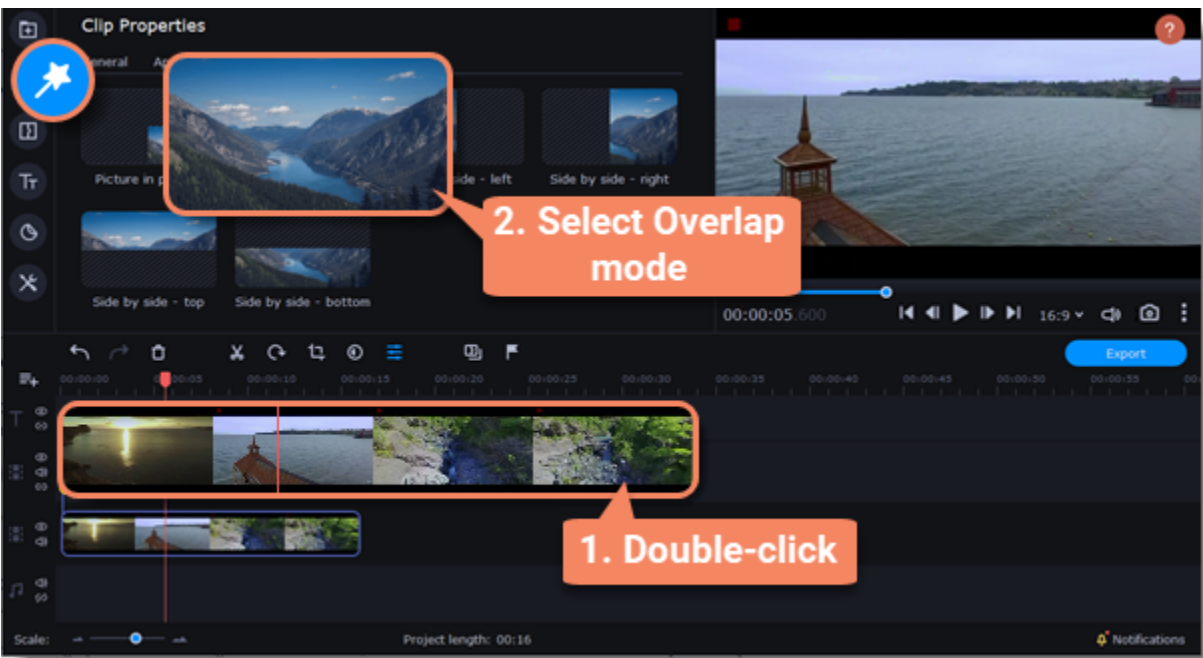
Fading effects

Make effects and filters fade in using the overlay track.

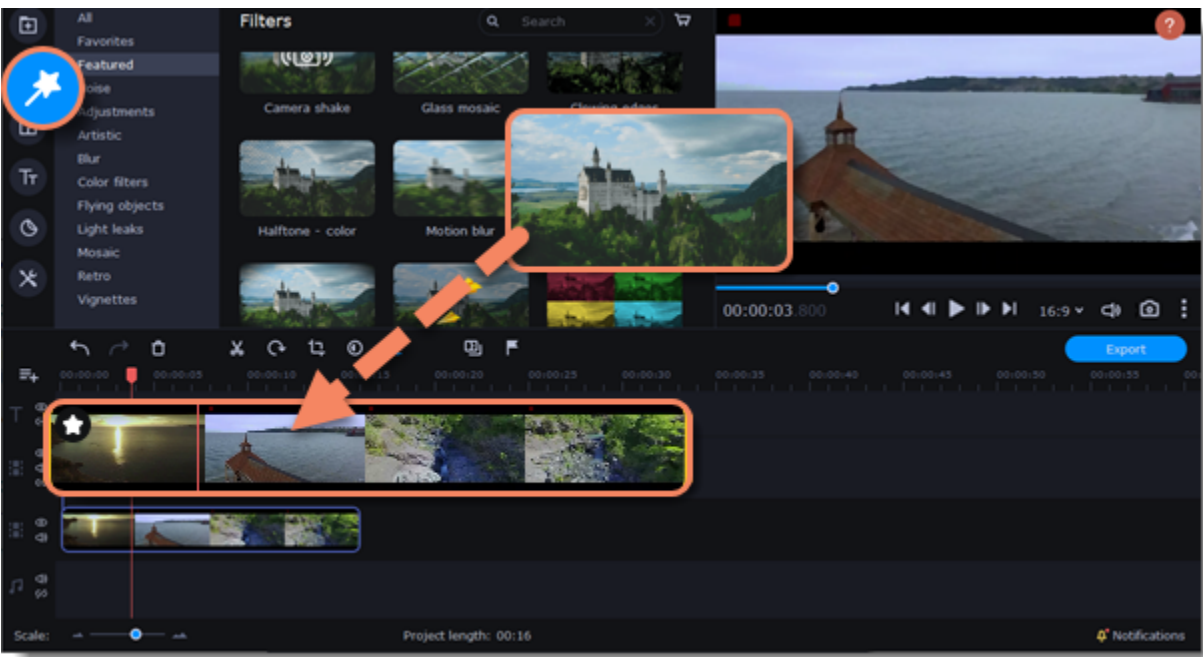
1. Copy the clip and paste it onto the Timeline.
2. Drag the copy of the clip on the track right above the original. Now you have two identical clips right on top of each other.



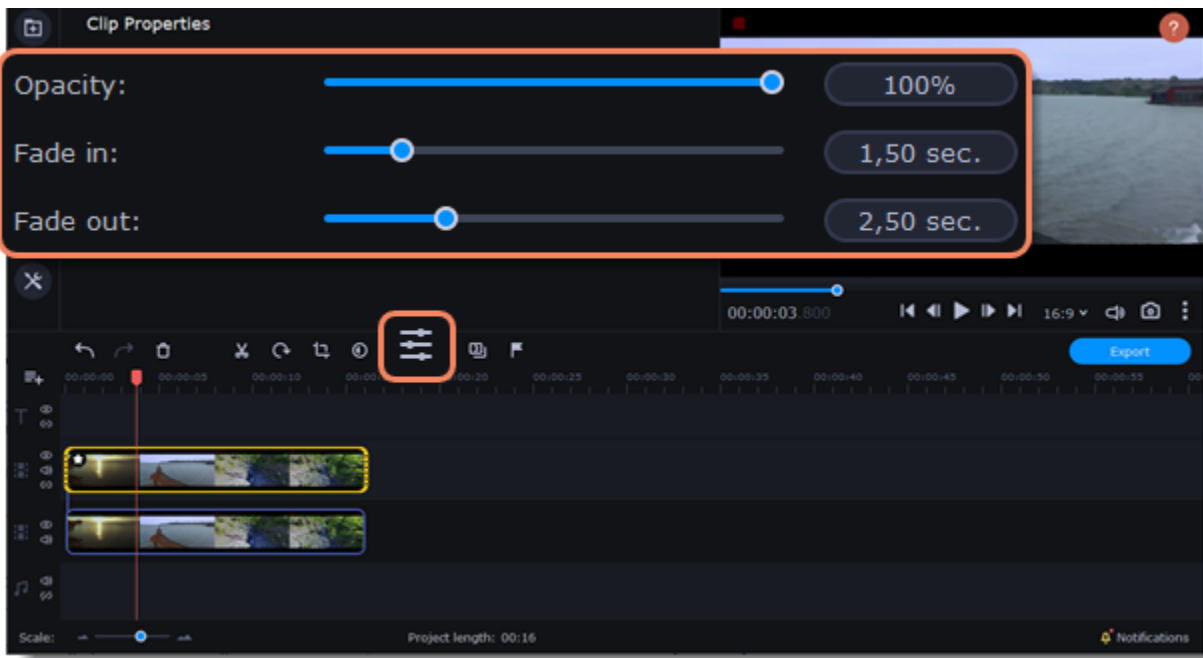
3. Double-click the clip on the overlay track and choose **Overlap** mode in the panel above the player.



4. Apply the effects or filters you want to use onto the upper, visible clip.
 Learn more: [Applying filters](#)



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.

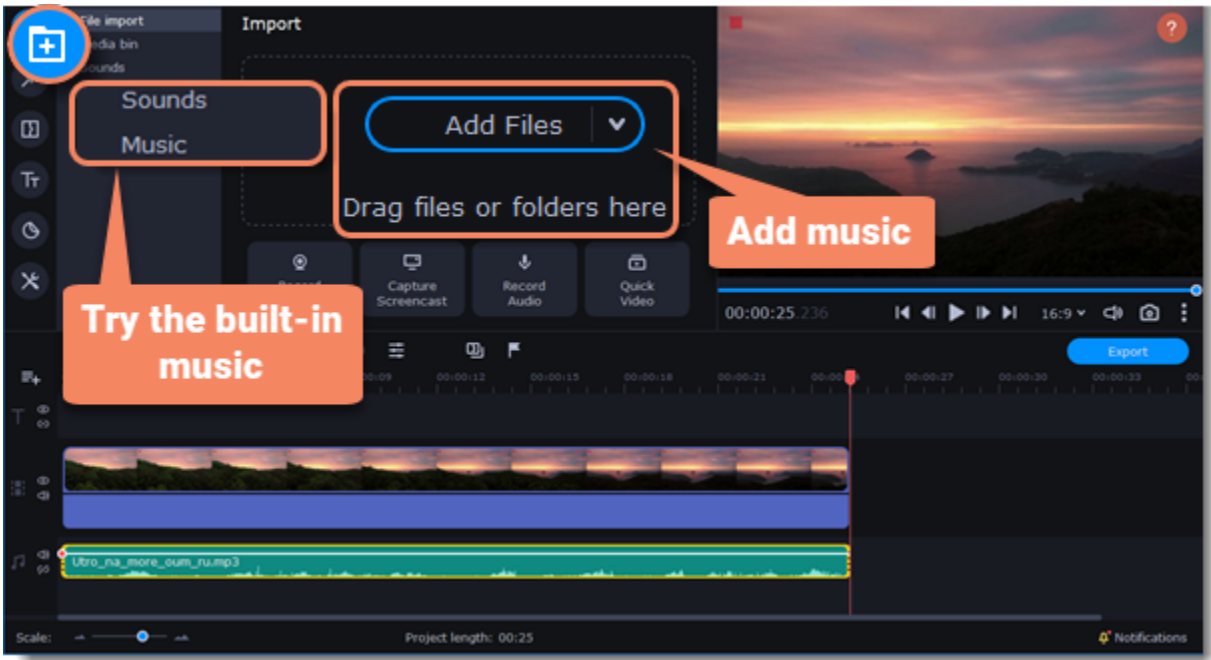
Adding and editing audio

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.

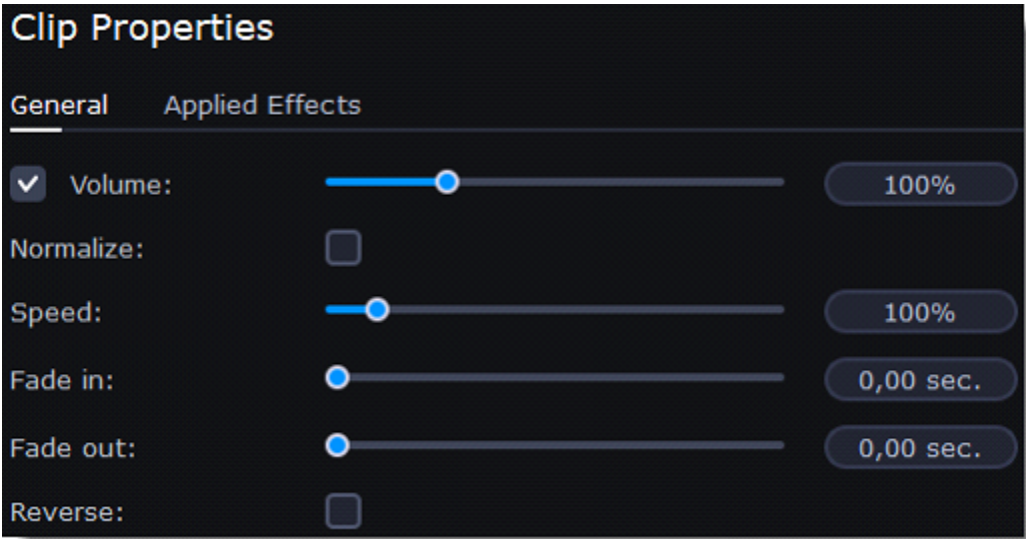
Also you can use one of the built-in music or sound tracks:

- 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.

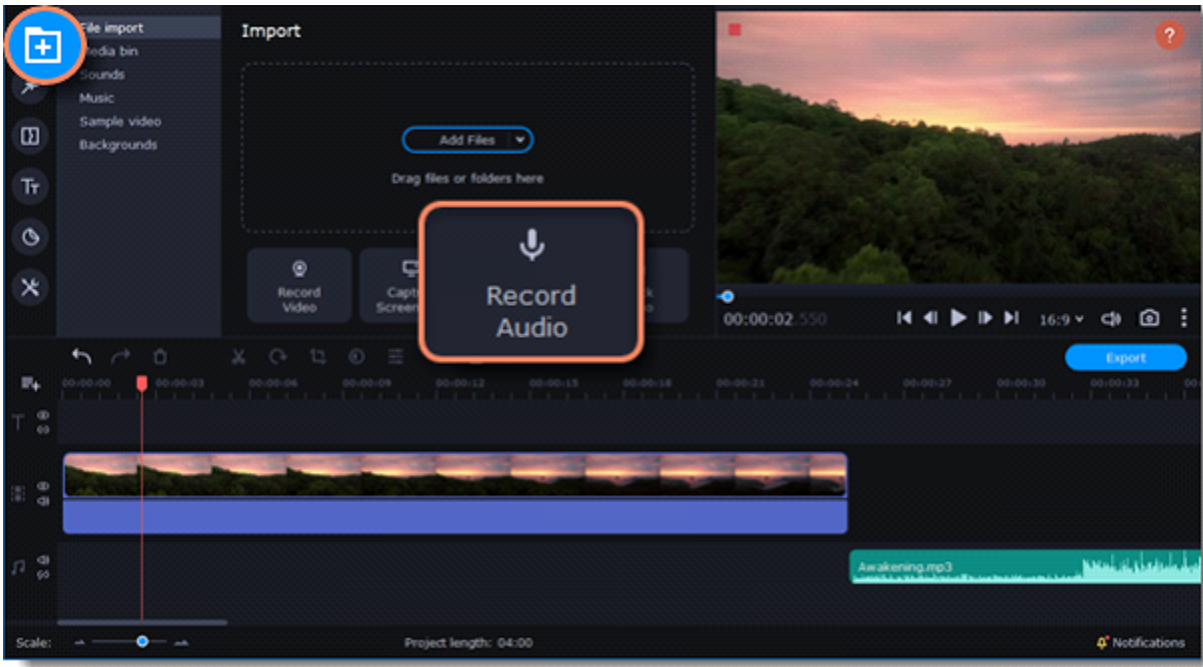


Volume	Sets the volume of the clip.
Normalize	Makes quiet parts louder.
Speed	Makes the audio play faster or slower.
Fade in	The audio goes from complete silence to full volume in the time you set.
Fade out	The audio goes from full volume to complete silence in the time you set.
Reverse	Plays the audio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

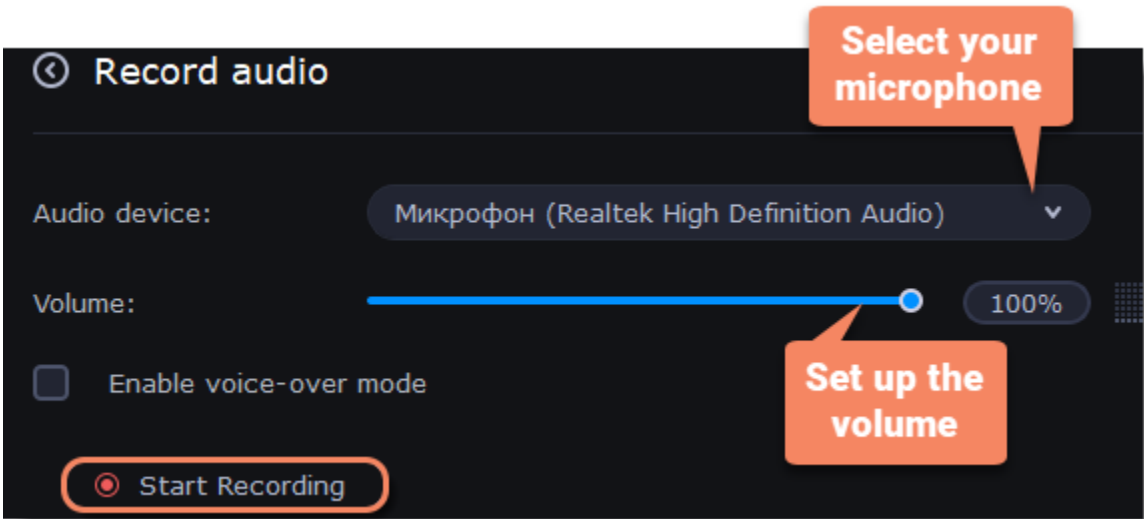
Recording audio

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.

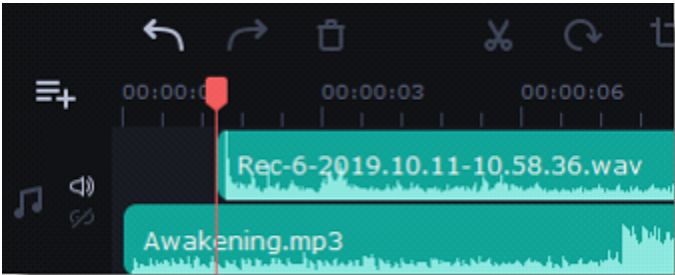


4. Set up your recording device and volume.
5. Click **Start Recording** and record the audio.
6. When you're finished, click **Stop Recording**. You'll find the recording on the Timeline.



Set start time for audio clips

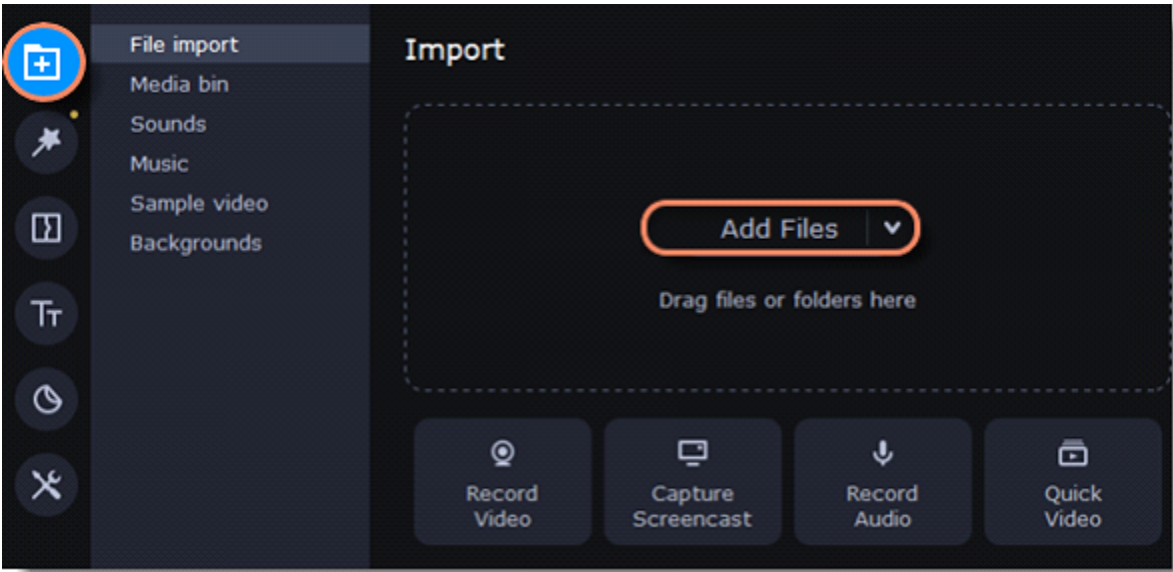
After you've added the audio files, they will appear on the audio track of the Timeline as green clips. To change when the audio clip starts playing, drag it along the Timeline, using the ruler at the top for time reference.



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.

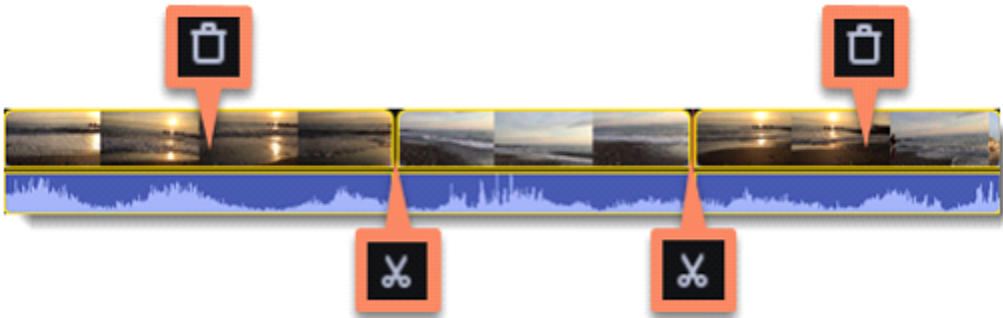
On the **Import** tab, click **Add Files** and choose the video or just drag a video on the panel. The file will be added to the video track on the Timeline.



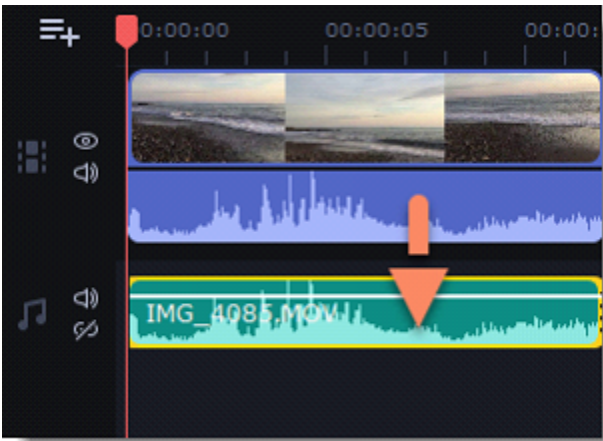


How to trim the parts of the video if you don't need to extract the whole audio track:

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.

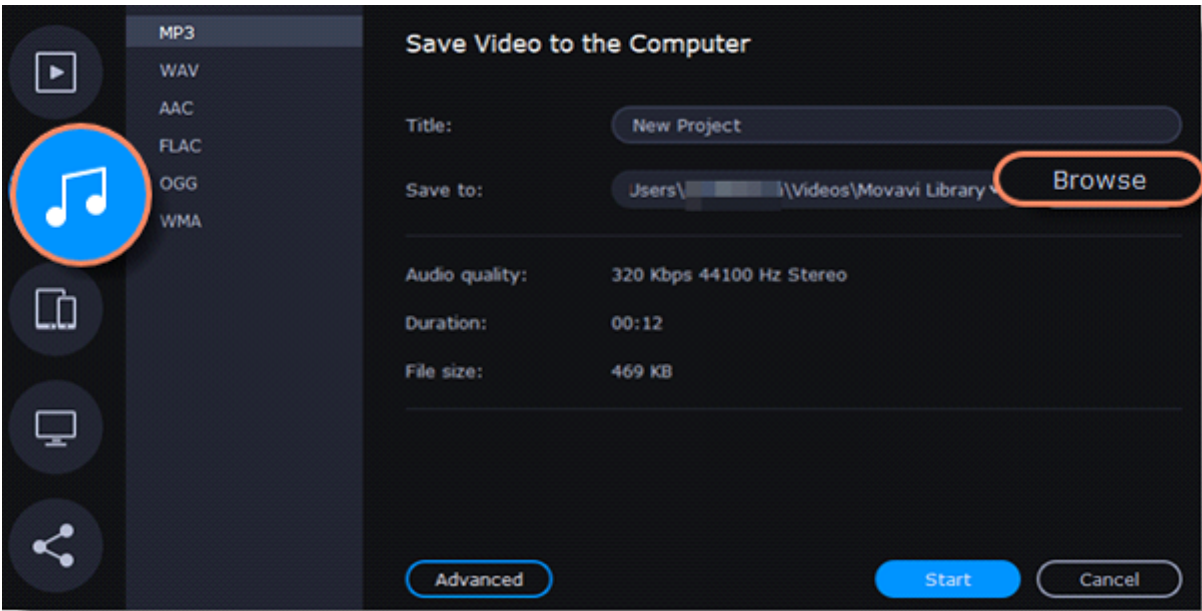


You can now work with the extracted audio clip separately.



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.



5. Finally, click **Start** to save the audio file.

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.



Set the volume level

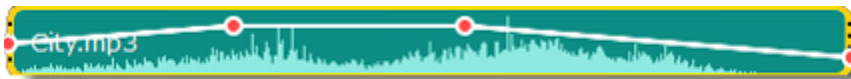
1. Drag the white line up or down to the necessary level. The top of the clip is 100% volume and the middle of the clip is 50%.



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:



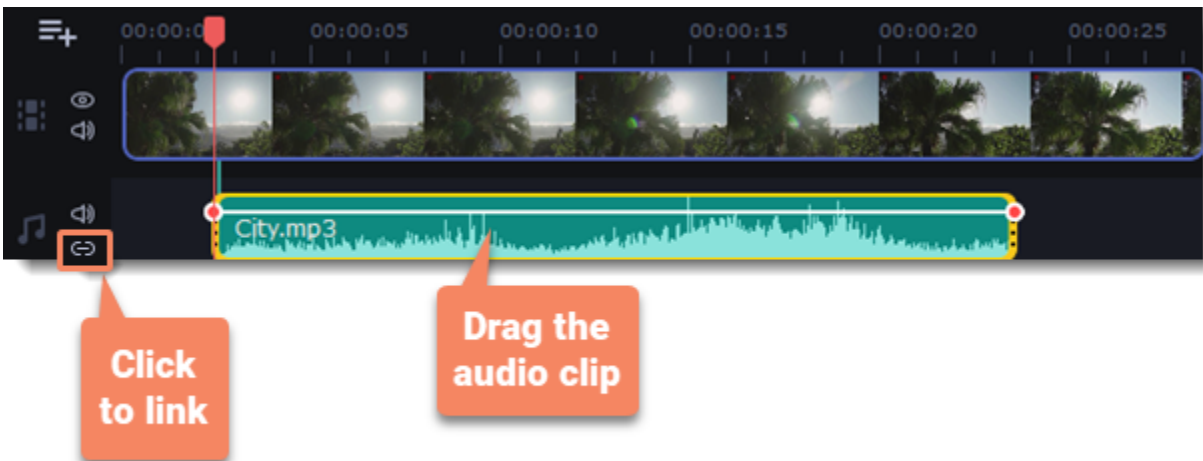
6. Create as many volume points as you wish to make a necessary effect.

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

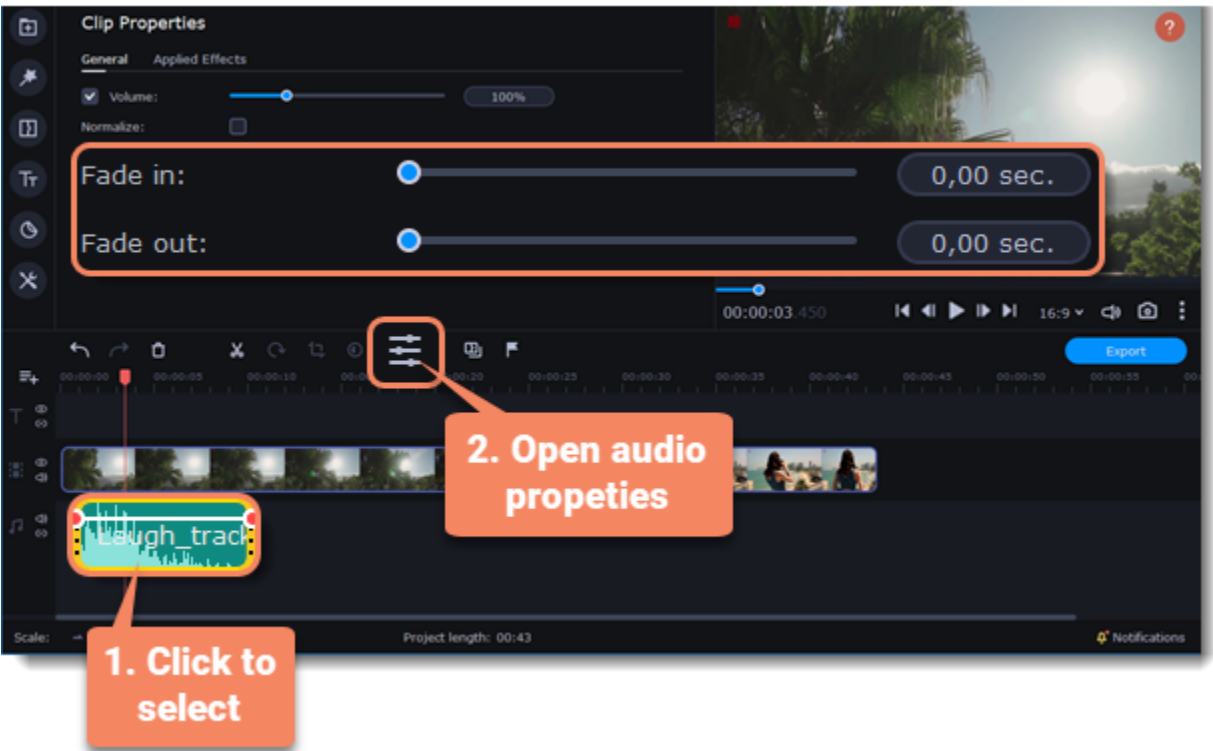
In the editing tools, you can add smooth fades to the beginning or the end of a clip and create a crossfade effect between audio tracks.

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.

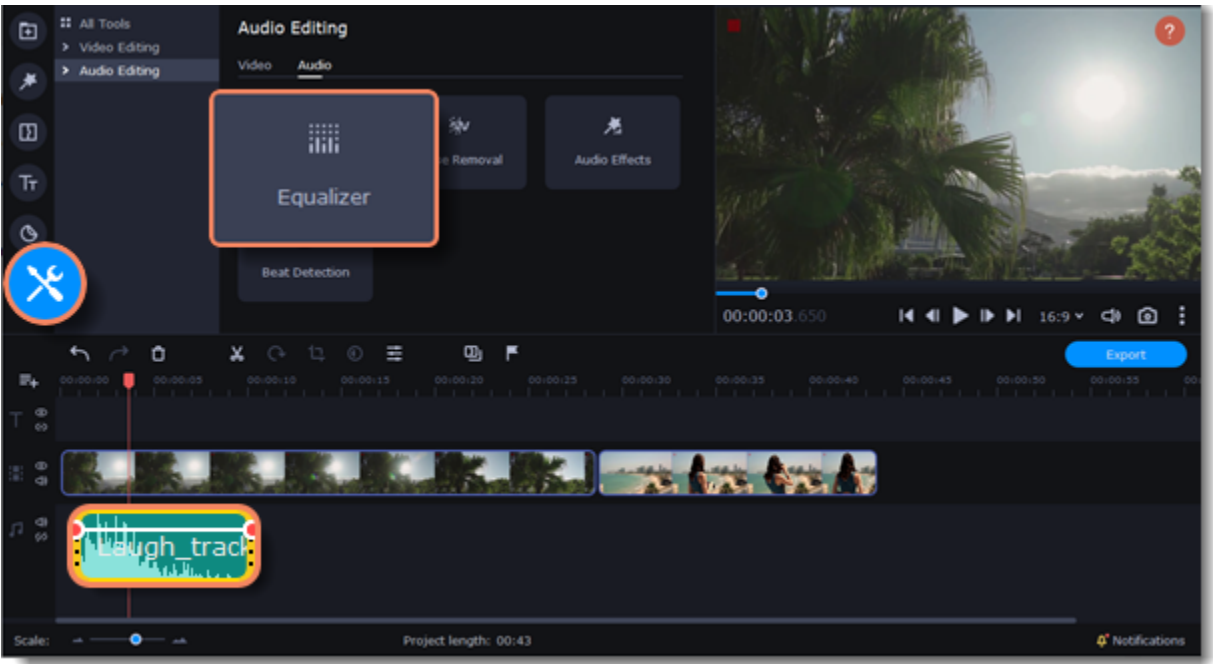


Equalizer

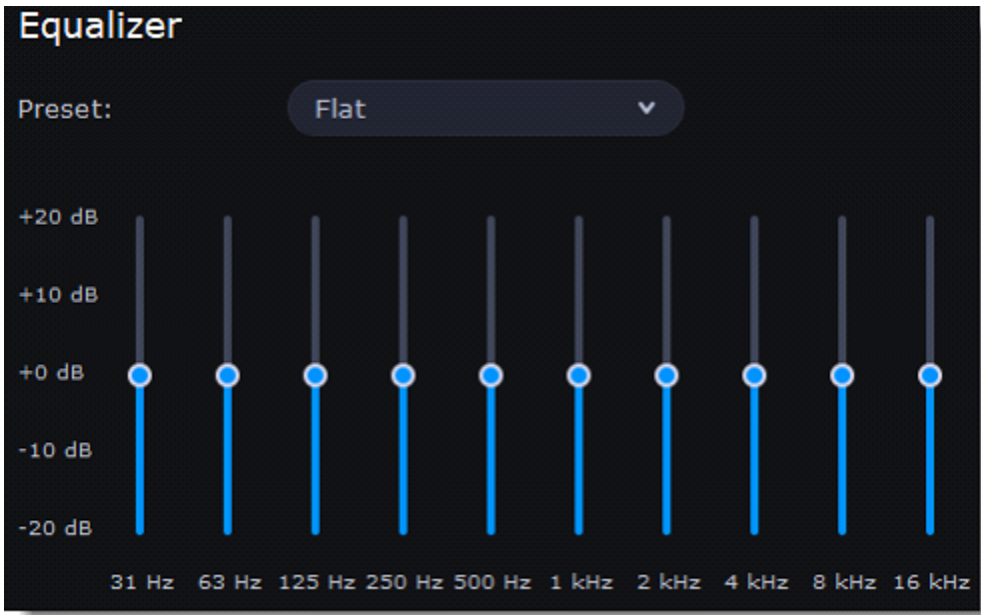
Using the equalizer, you can boost or reduce the levels of specific frequencies.

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**.



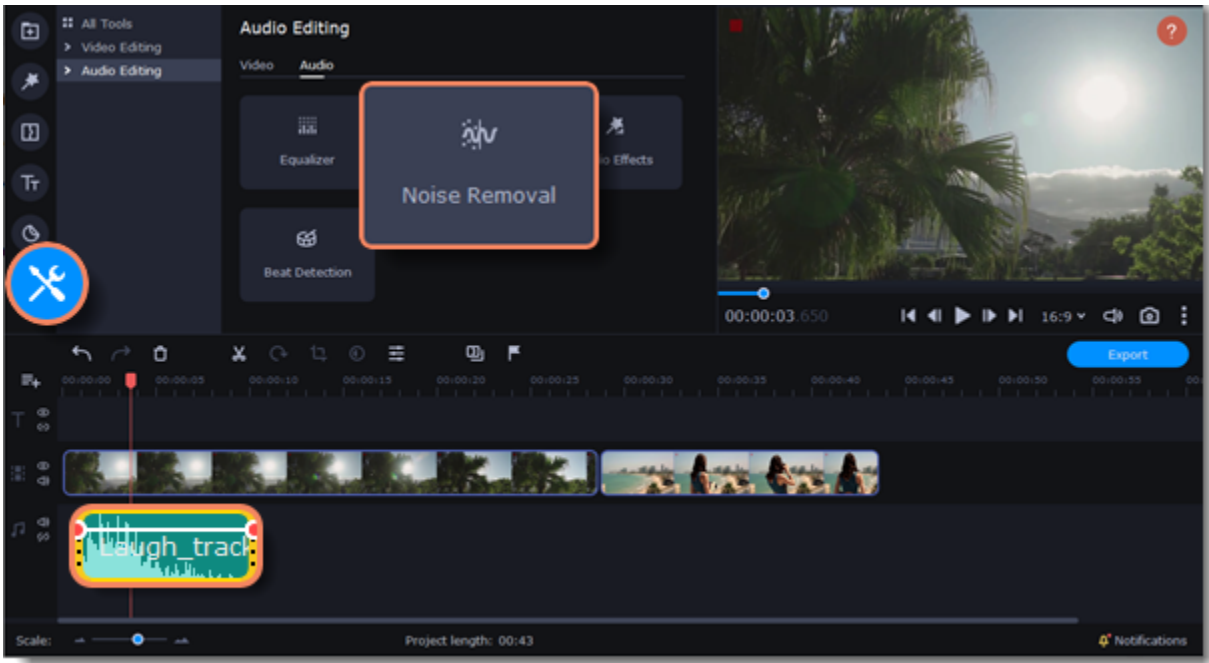
3. Choose an equalizer preset to set the effect quickly. If you want to set more advanced configuration drag the volume bars to adjust the frequencies to the necessary level.




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.

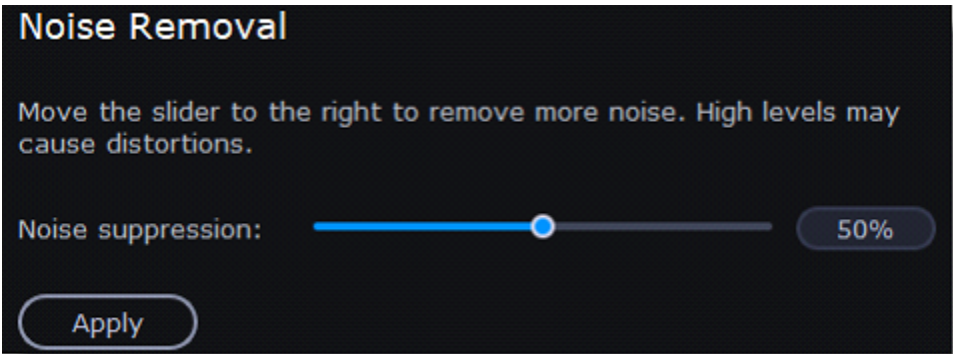
Noise removal

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 **Noise Removal**.



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

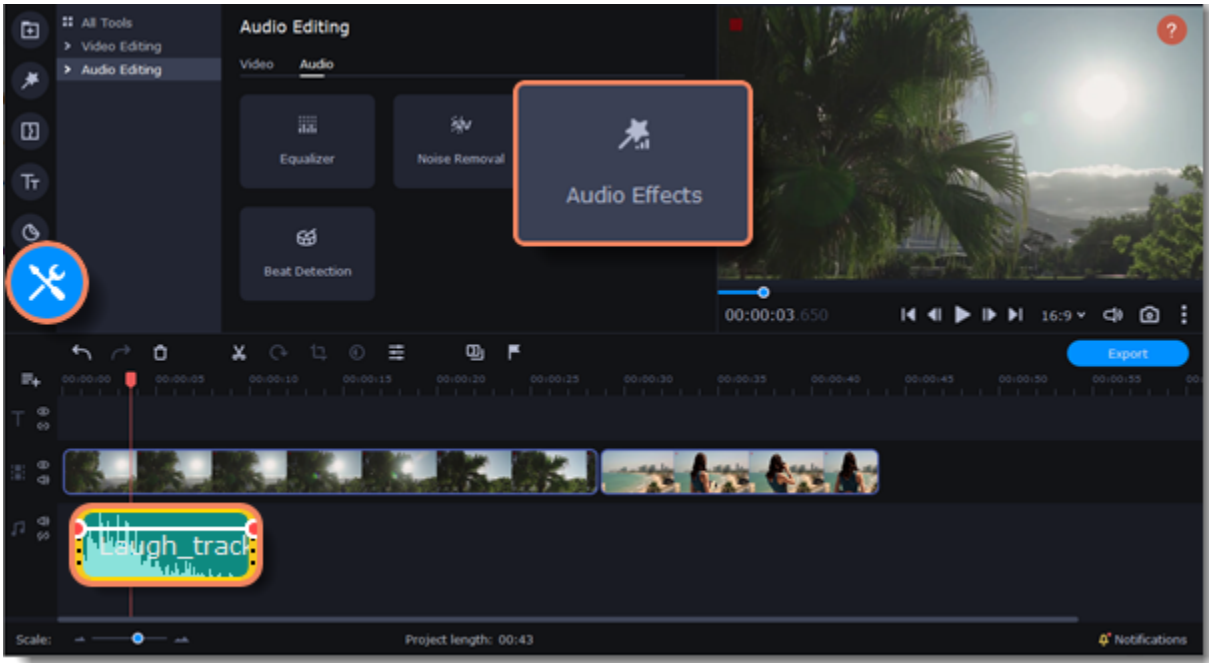
 Don't set the noise suppression too high if there isn't much noise because it can start muting other sounds.



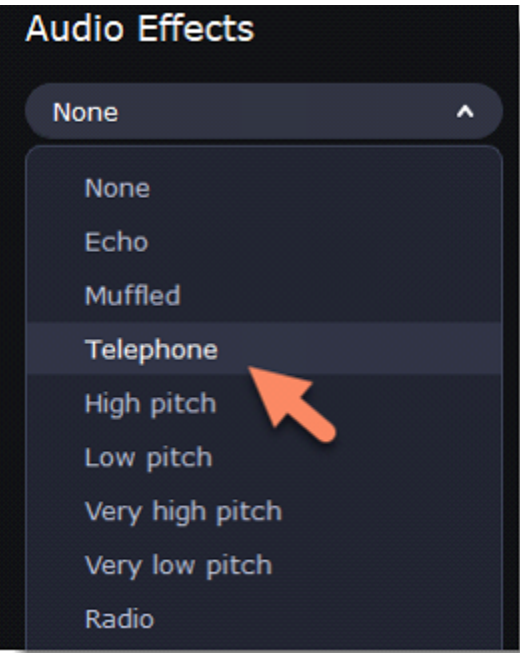
Audio effects

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.

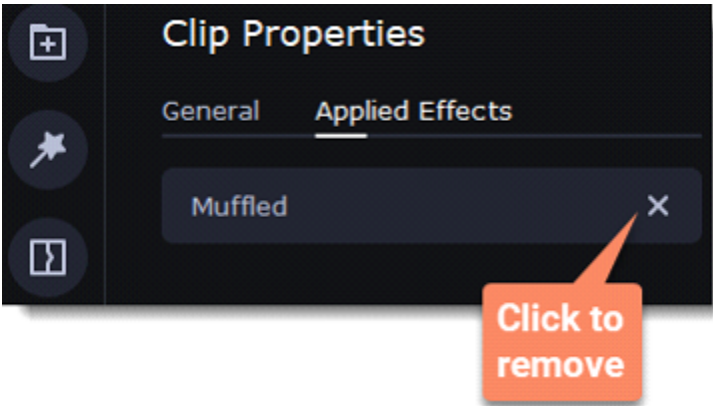


Removing effects

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



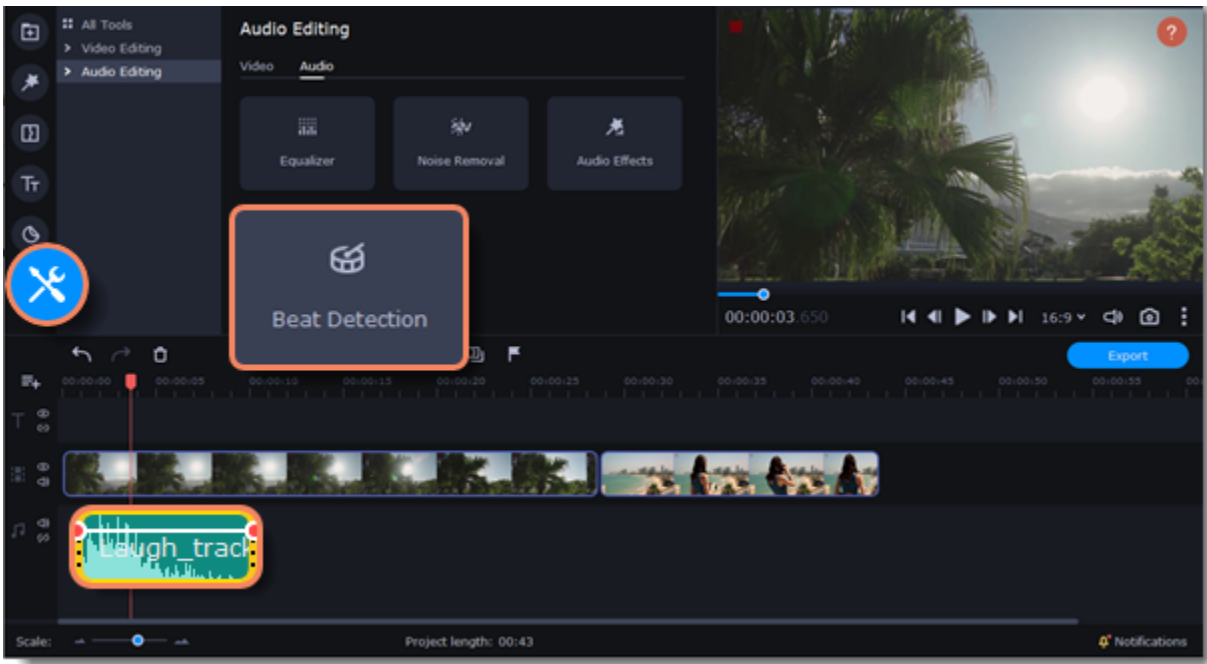
Click on the star to see a list of applied effects. Then, select the effect you don't want and click the **cross** button  to discard the effect.



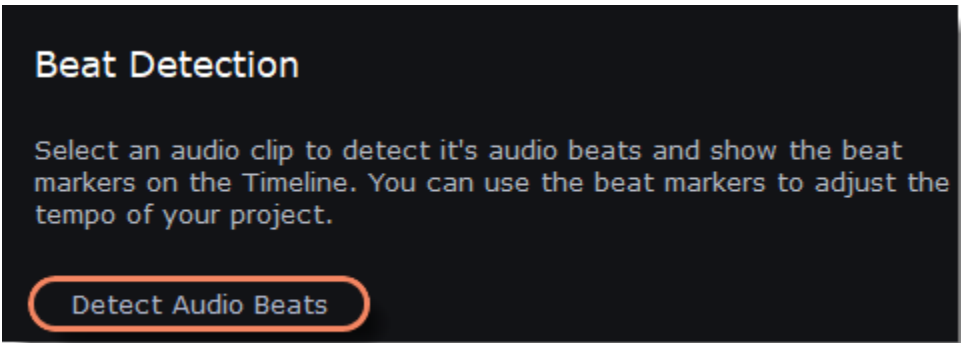
Beat detection

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.

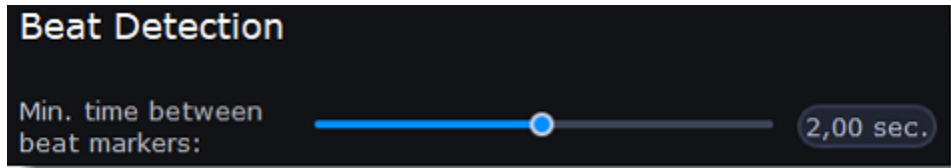
- 1. On the Timeline, select the music that you want to detect beats for.
- 2. Click **More** on the left sidebar and find **Audio Editing** to open **Beat Detection**.



- 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.



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.

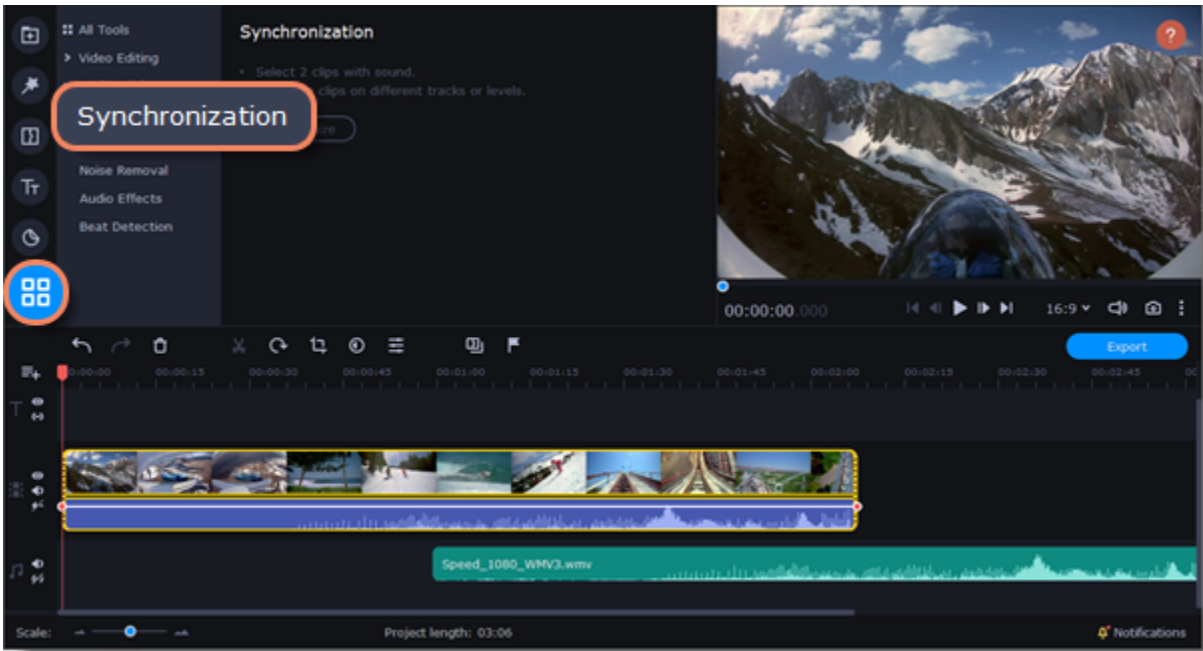
Removing beat markers

- 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.

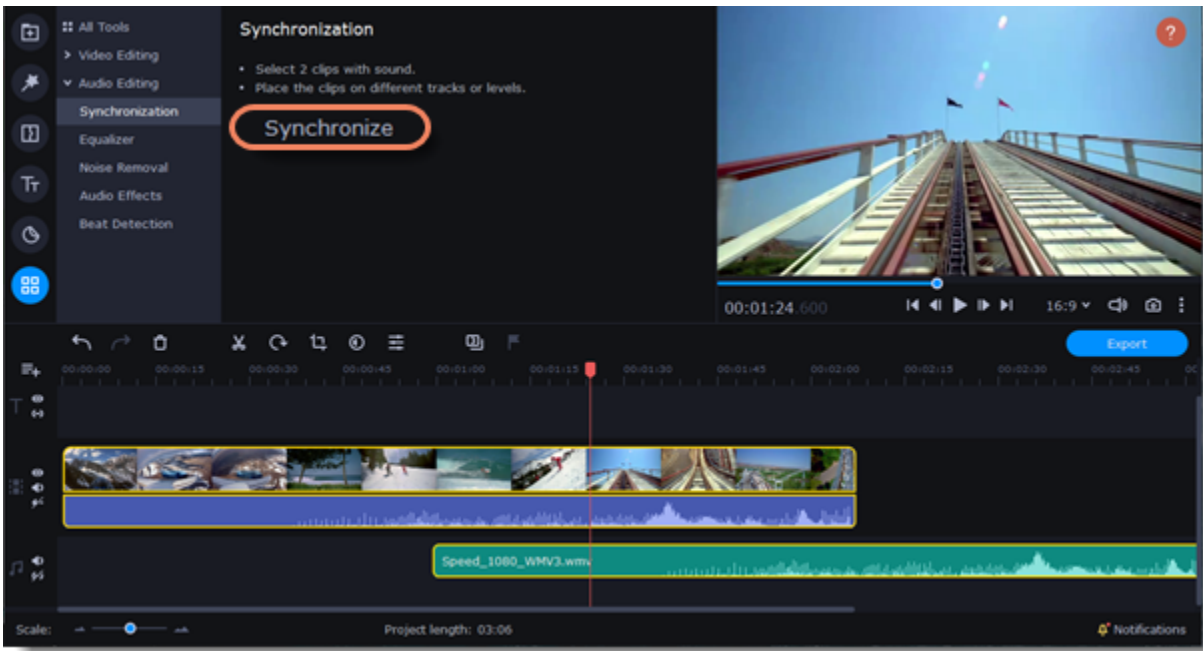
Synchronization

Sync audio in two clips automatically.

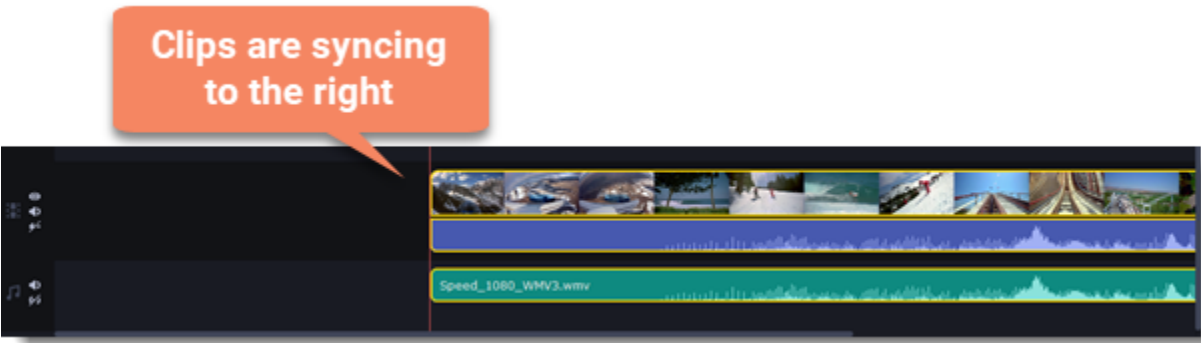
- 1. Click **More** on the left sidebar and find **Audio Editing** to open **Synchronization**.



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



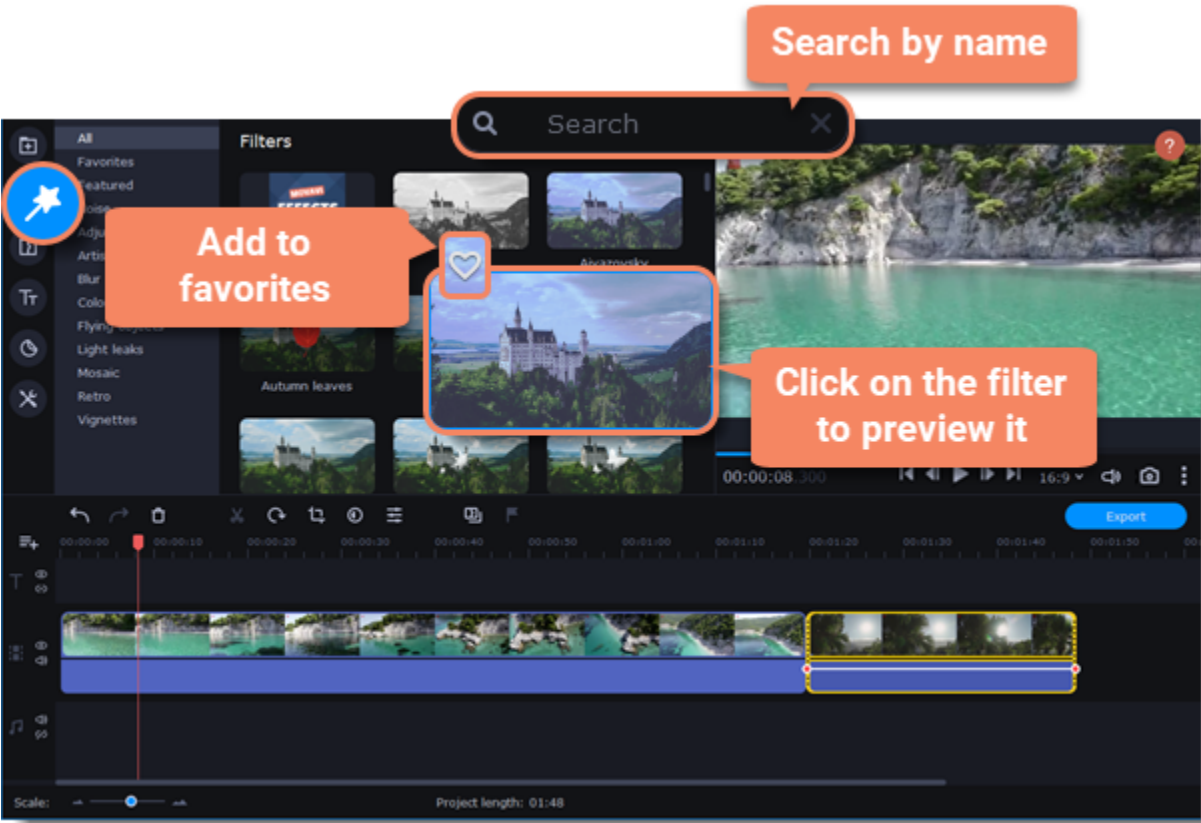
When syncing, the clips move to the right relative to the later clip on the Timeline.




Filters

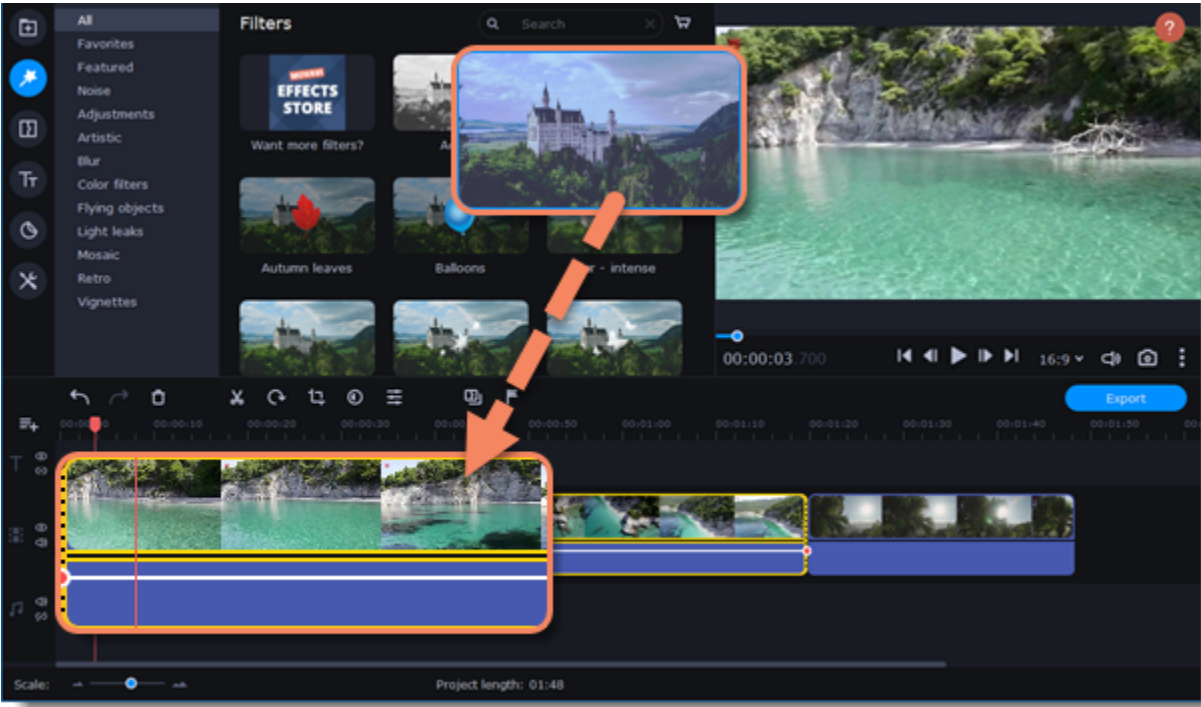
Add filters

- 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.





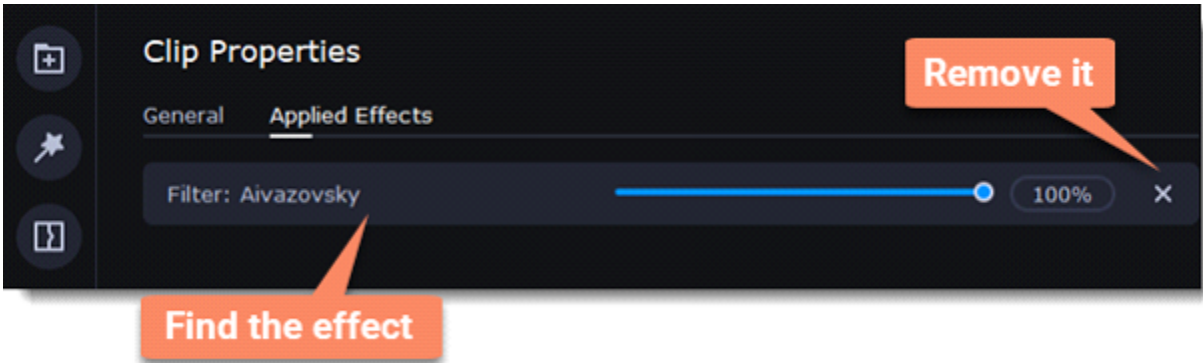
Once you've applied a filter, a star icon will appear on the clip, indicating applied filters and tools.



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  to discard the effect.

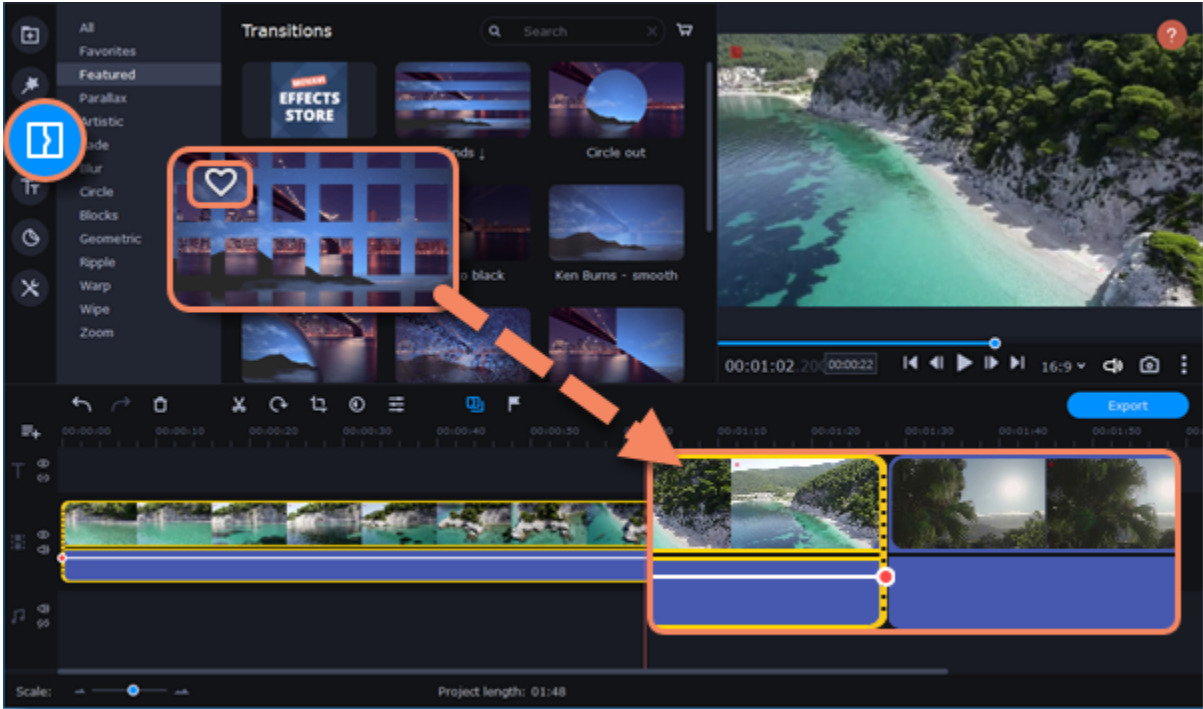


Transitions

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.

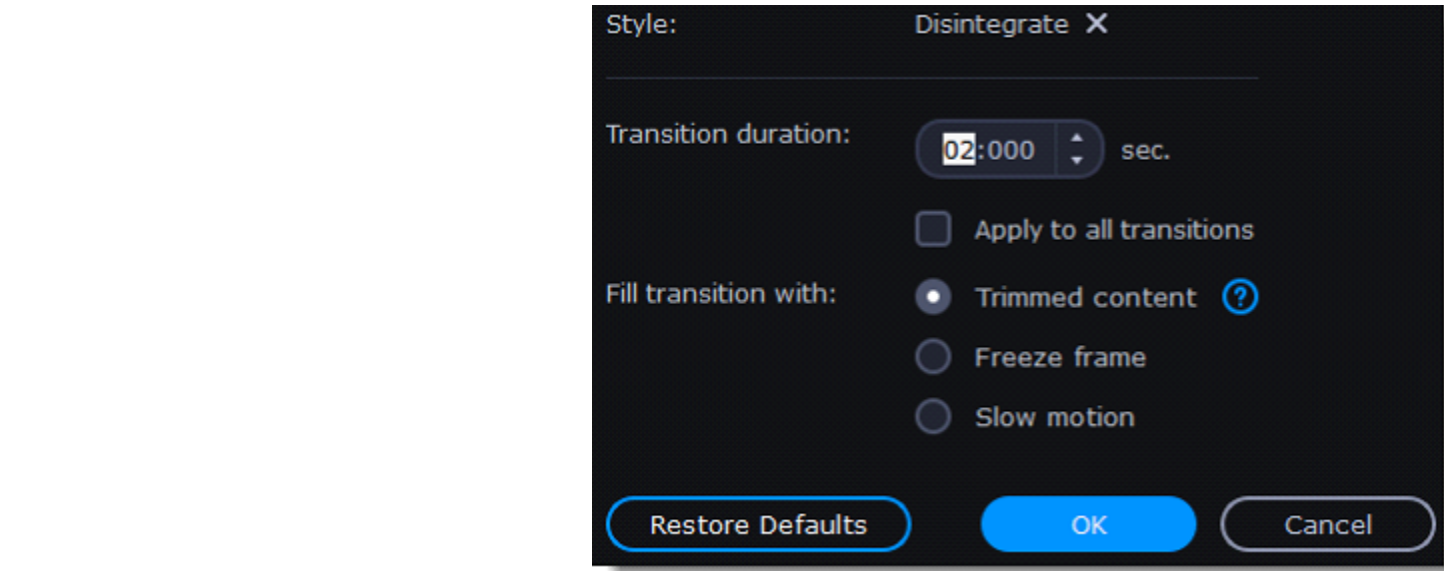


A transition icon will appear between the two clips.



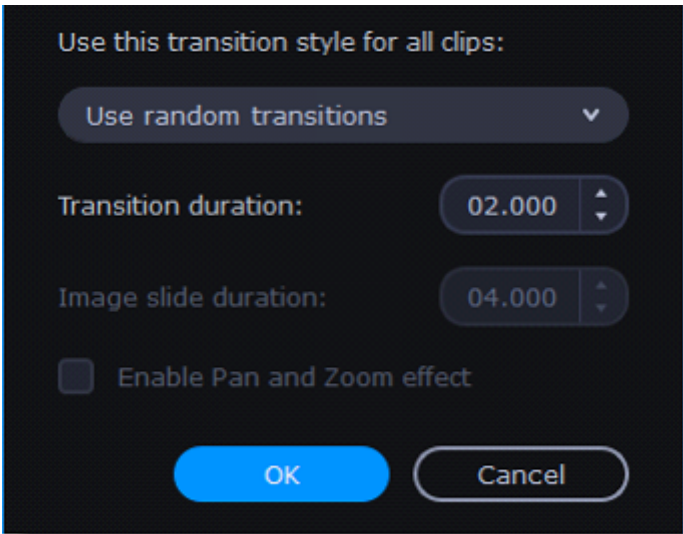
Change transition length

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.



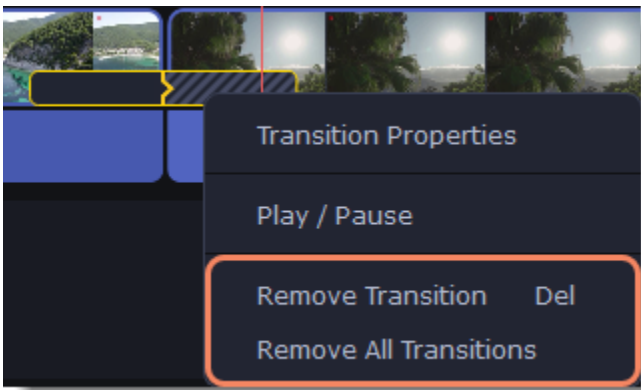
There are more options to fill the transitions with, such as:

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.




Remove a transition

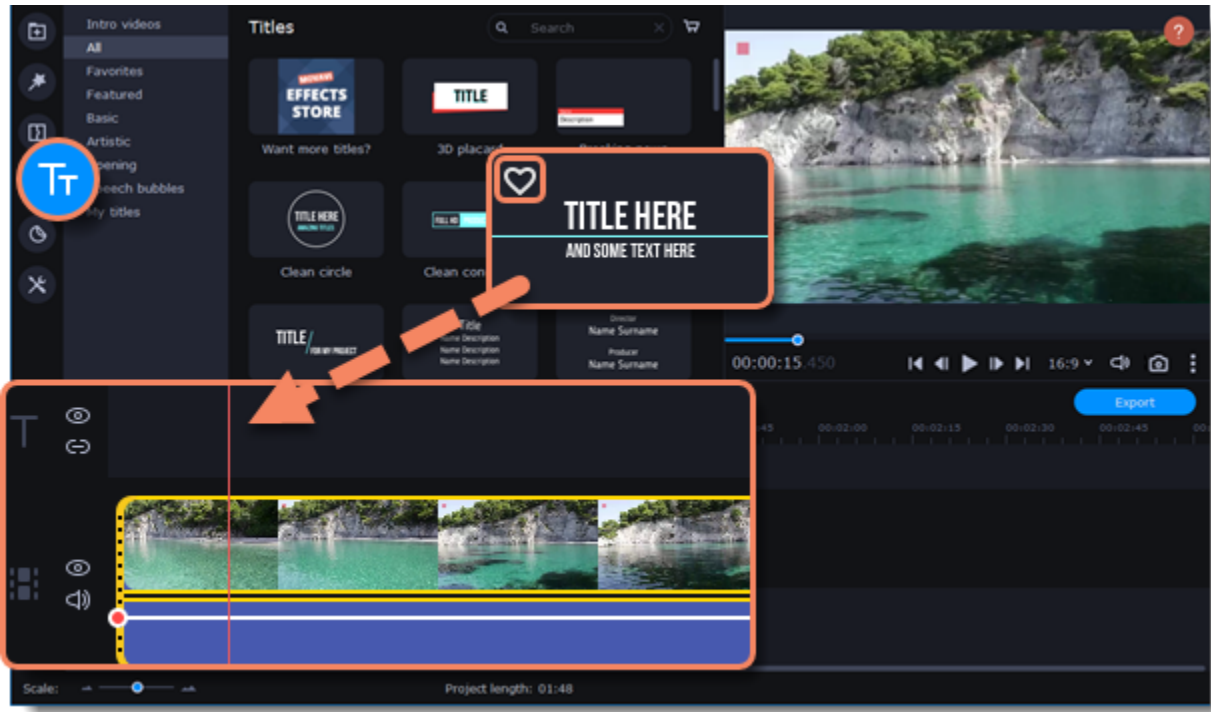
- 1. Right-click the transition on the Timeline and select **Remove Transition** from the pop-up menu.
- 2. If you want to delete all the transitions in your project, choose **Remove All Transitions**.




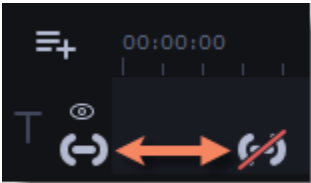
Titles

Add text to your video

- 1. Click the **Titles** button on the left side of the window to view the titles collection.
- 2. 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 .
- 3. 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.



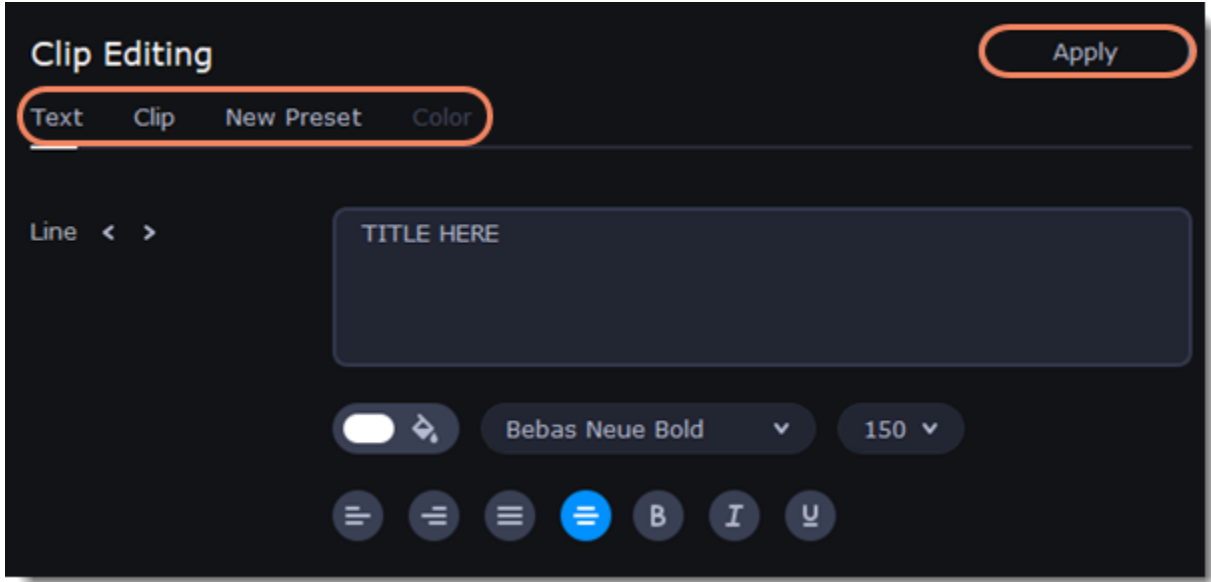
4. You can link titles to the clips by clicking the link icon  on the left side of the title track, so that the titles will move with the clip.



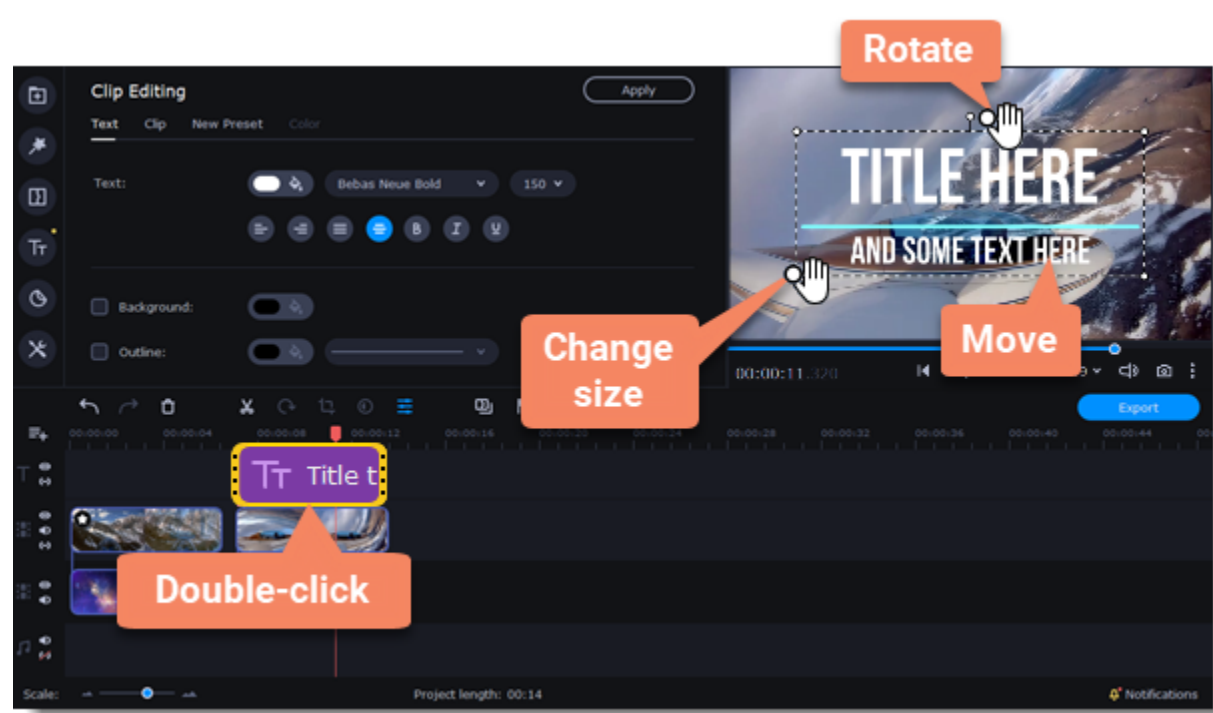
Edit titles


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.

1. On the **Text** tab, edit your text, choose the title style, add the outline and the background by selecting these options.
2. 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.



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.

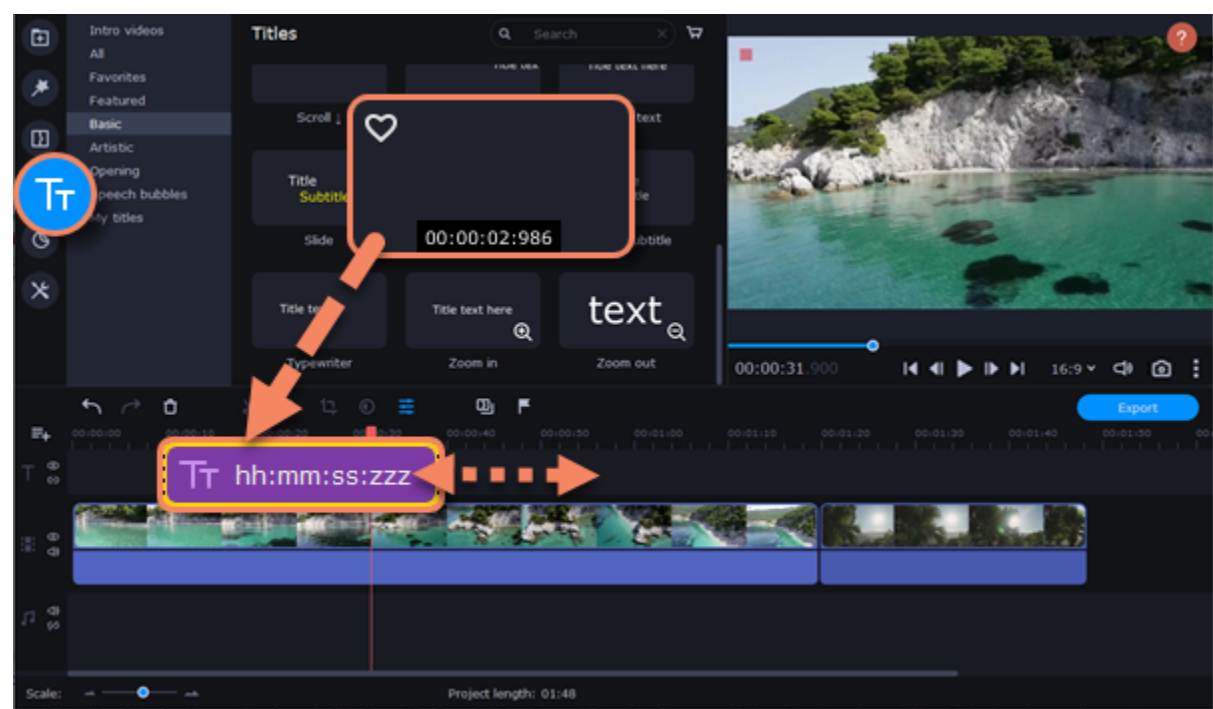


 Move several objects at once by selecting them with the mouse cursor or by holding the # key and clicking the objects with the left mouse button.

Timer

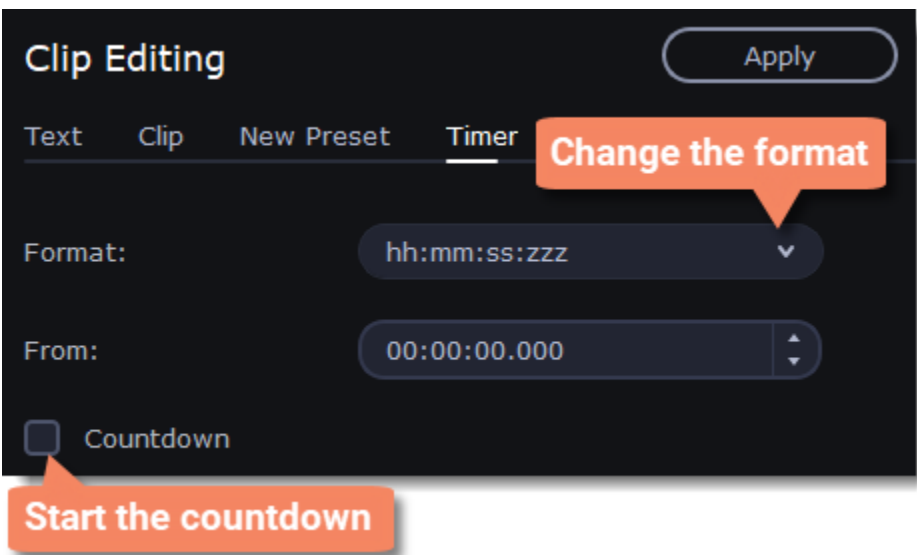
Add a timer

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.

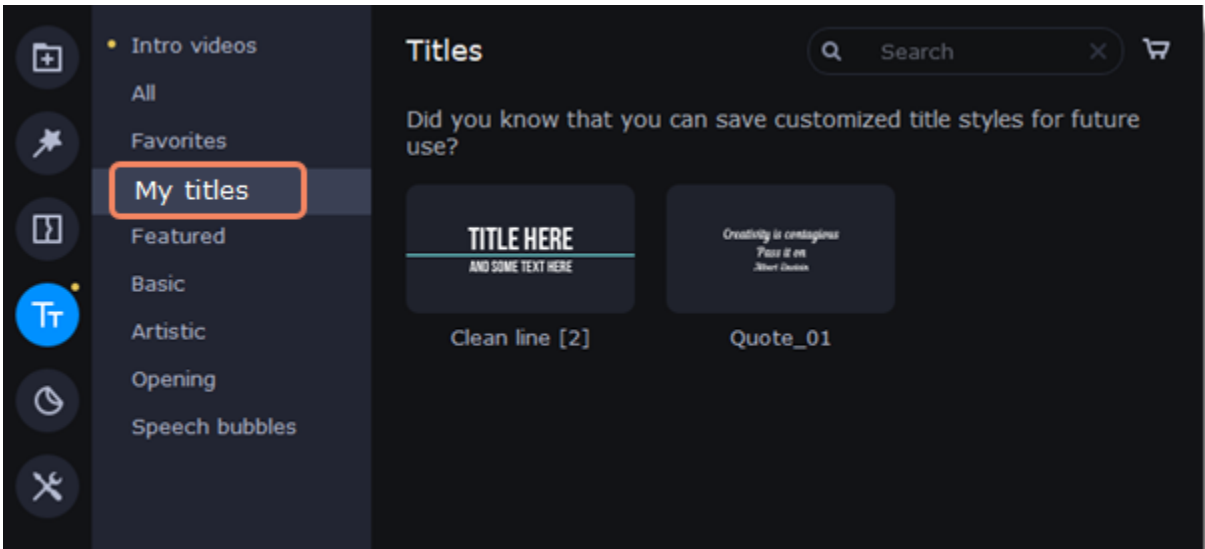


Saving a preset

After you set up your title style, you can save it and use it 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.



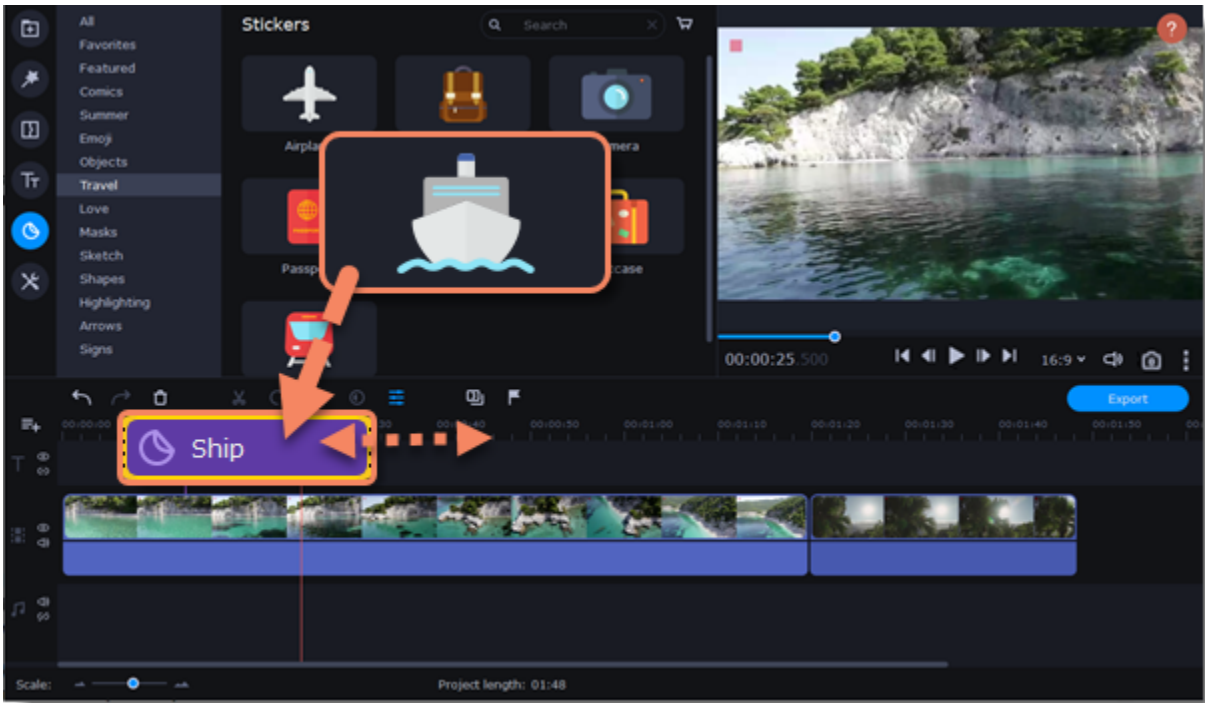
Stickers

Add stickers

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

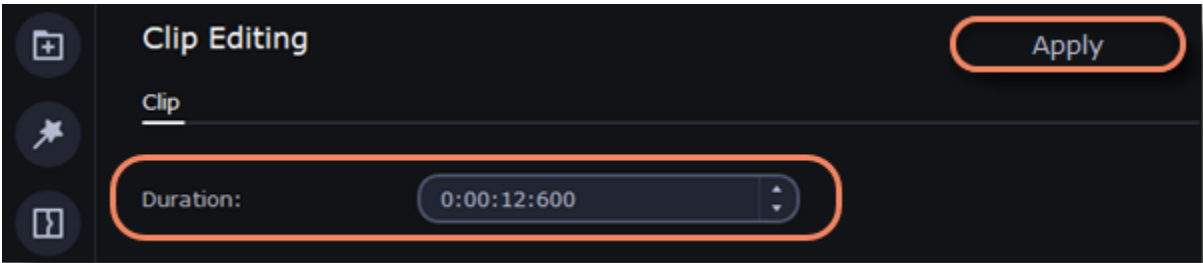
Click a sticker to preview it in the player. If you liked a sticker, click the heart icon  to add the sticker to your favorites list.

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.

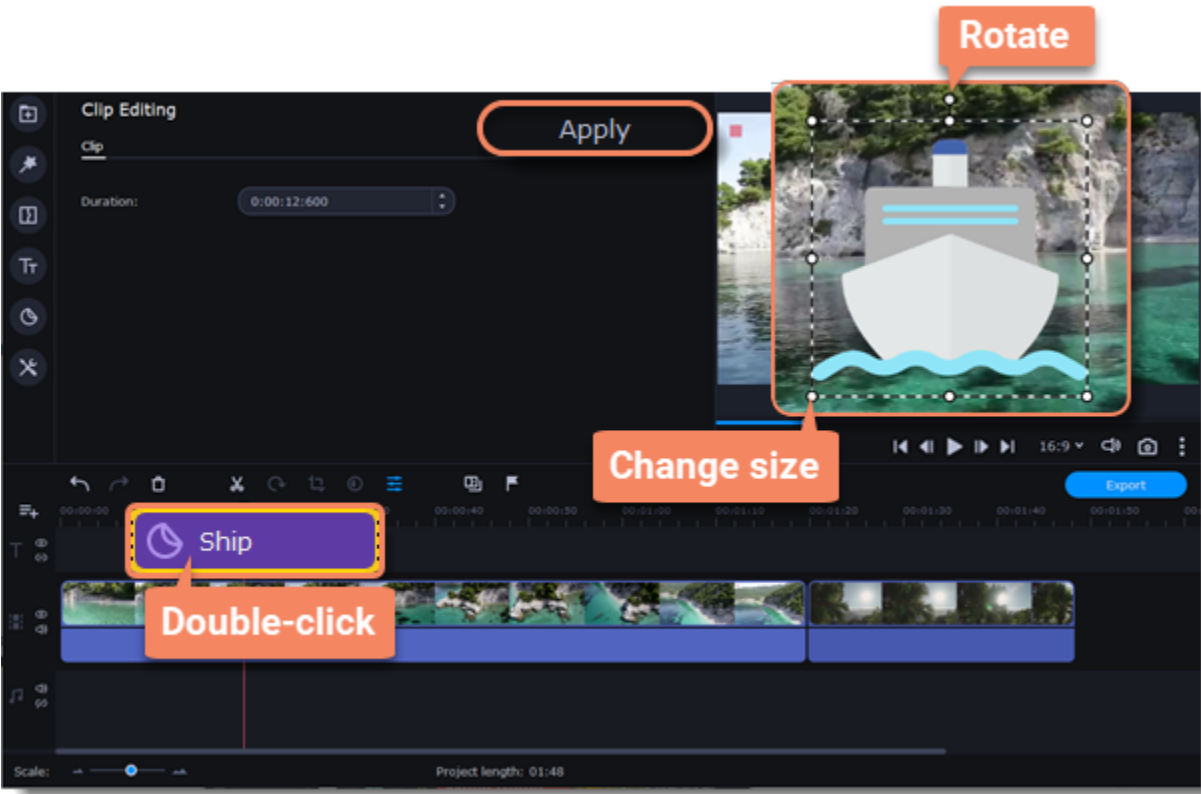



Edit the sticker

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



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.



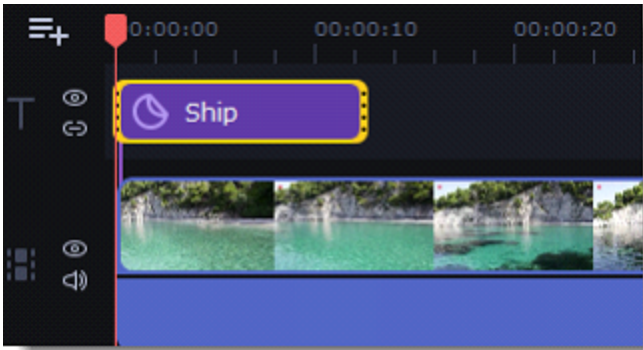
 Transitions cannot be applied to stickers, but you can animate them.
Learn more: [Animation](#)

Animation

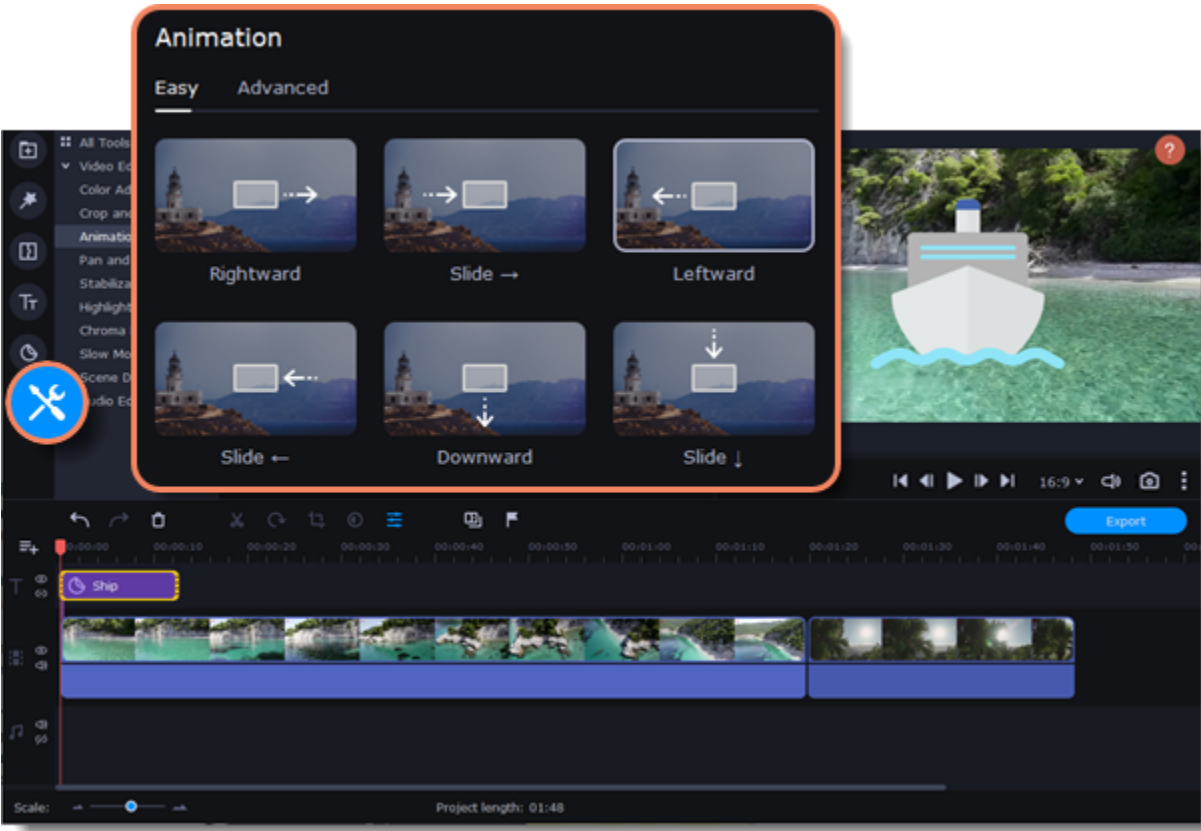
You can move objects any way you want and make creative appearances.

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**.



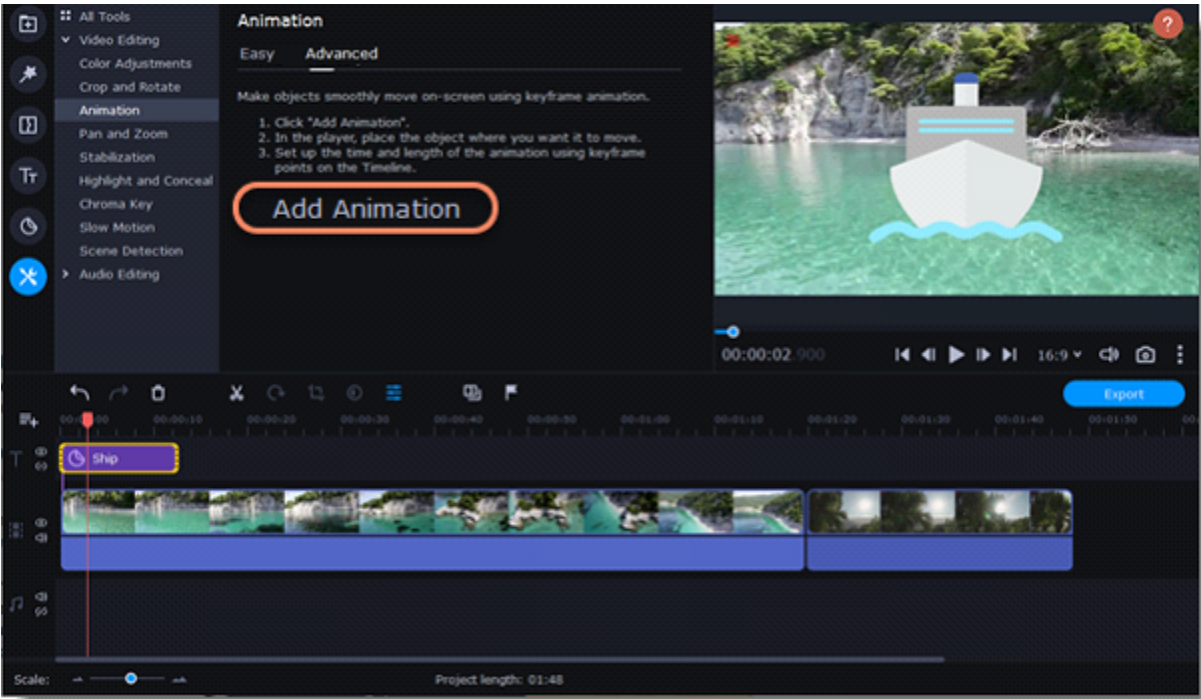
- 4. Select **Easy** mode to add quick and simple animation. To use the preset, just drag it on the clip.

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


Advanced mode

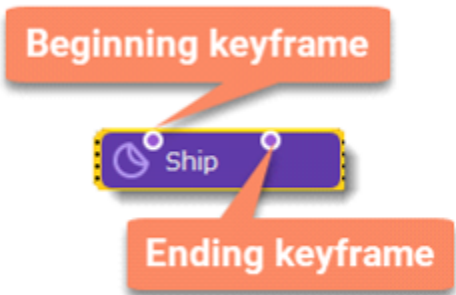
- 1. Select the clip you want to animate and place the position marker where you want your animation to be started.

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.

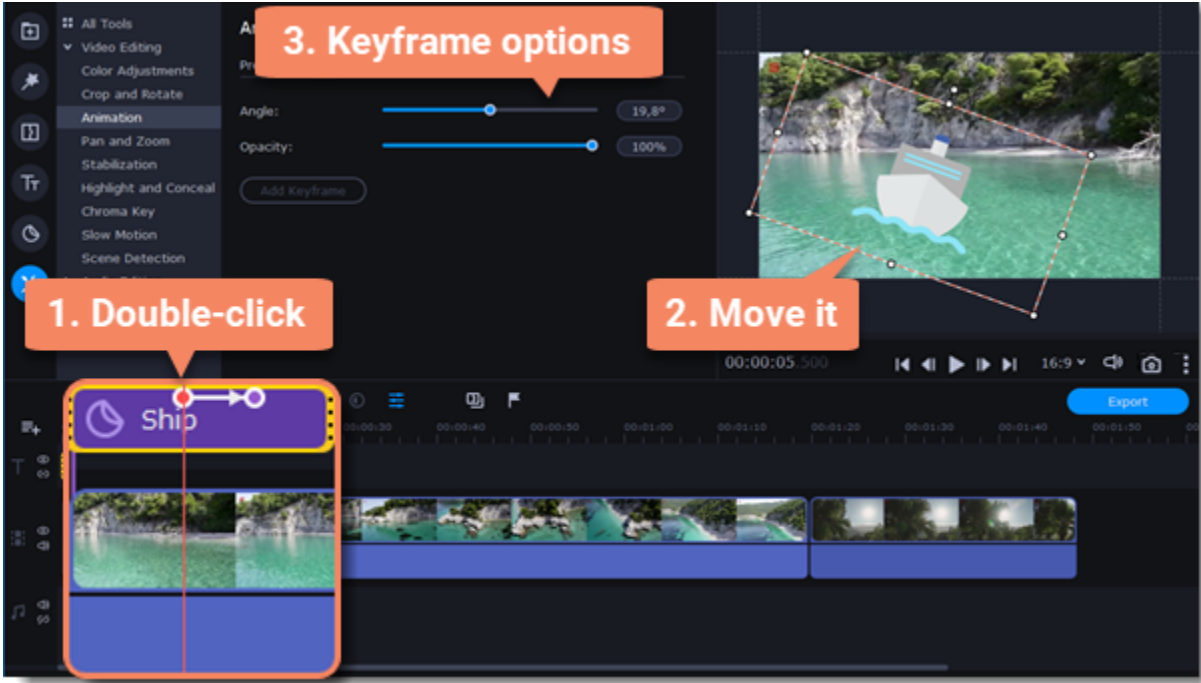
 On the Timeline, two points will appear on the clip. They are called *keyframes*. The *first* point is the original position of the object. The *second* point will be its end position after the animation. The *distance* between the two points determines the animation speed.




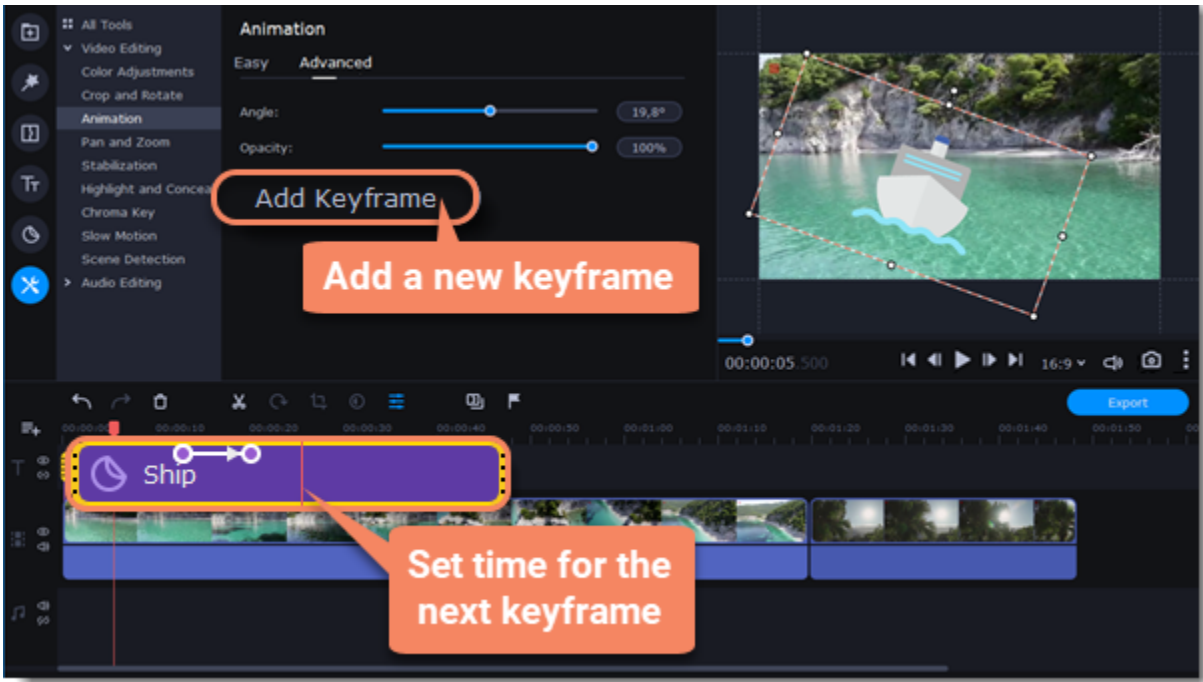
Edit the keyframes

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 Angle box on the Animation panel
Make the object fade in or out	Use the Opacity slider on the Animation panel
Change the speed of your animation	Move the keyframe point on the clip: <ul style="list-style-type: none">• Move the points closer together to make the animation go faster.• Move the points farther away from each other to make it go slower.



 To 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

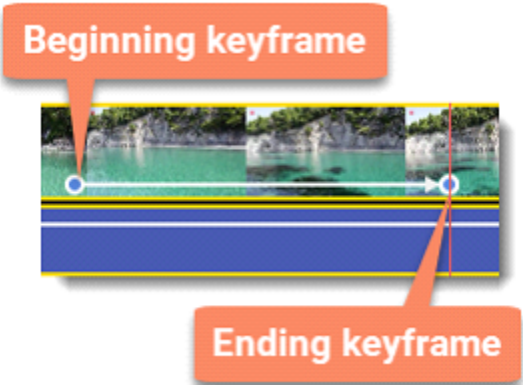
1. On the Timeline, select the clip that you want to zoom.
2. To open the Pan and Zoom, select **More** on the left sidebar and find the **Pan and Zoom** tool in the Video Editing.



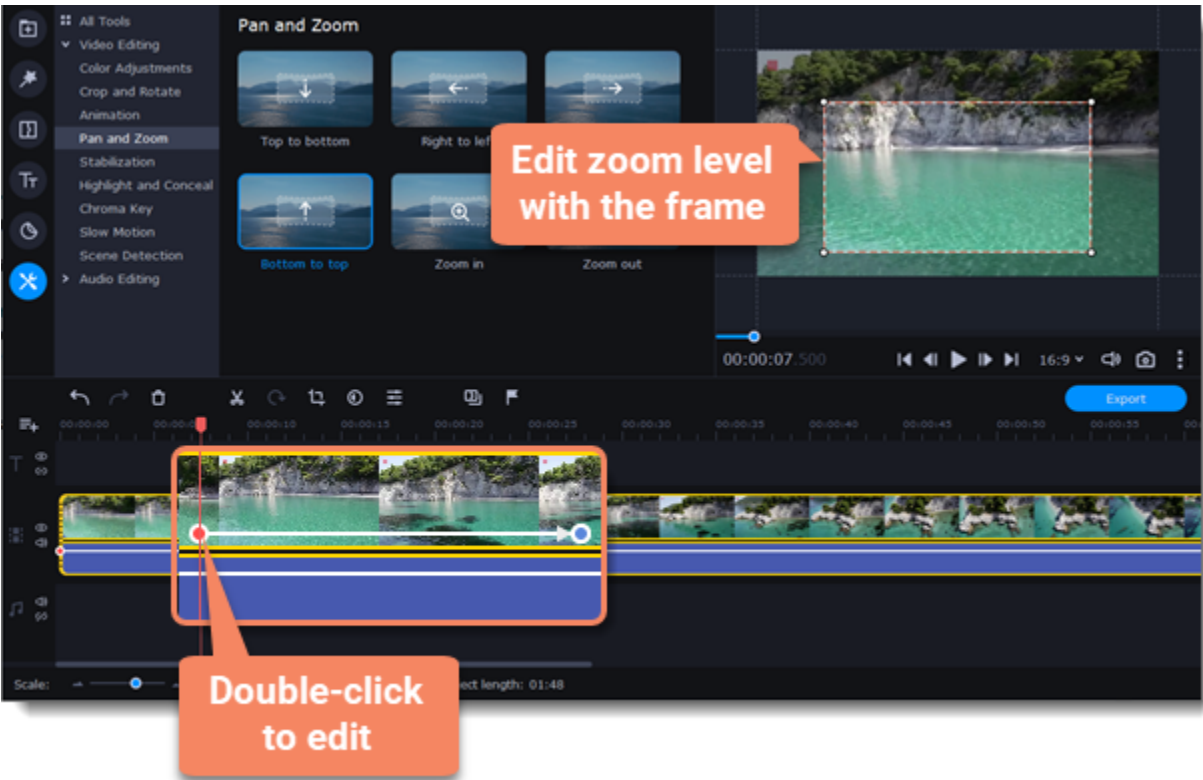
3. Select one of the presets and click it to apply.



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.



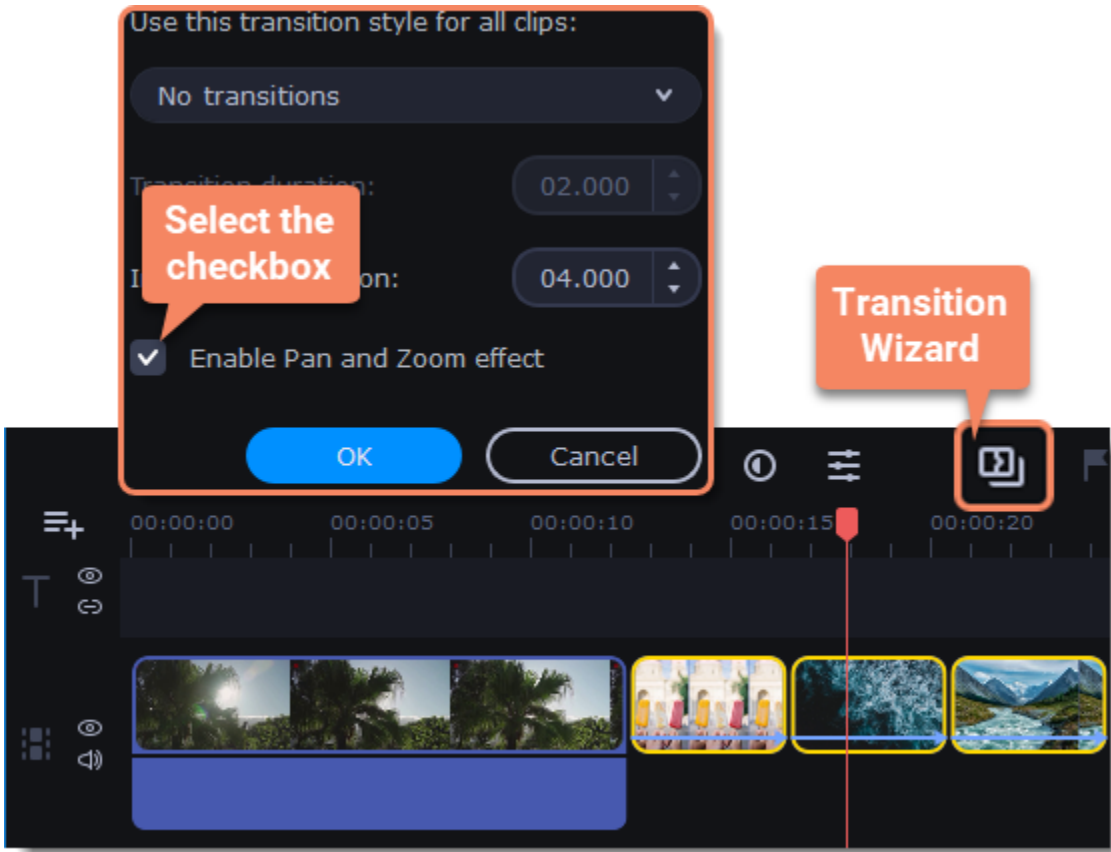
To change the length of the zoom effect, move a keyframe left or right. To move the zooming effect on the clip without changing its length or other settings, move it along the clip.



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%.

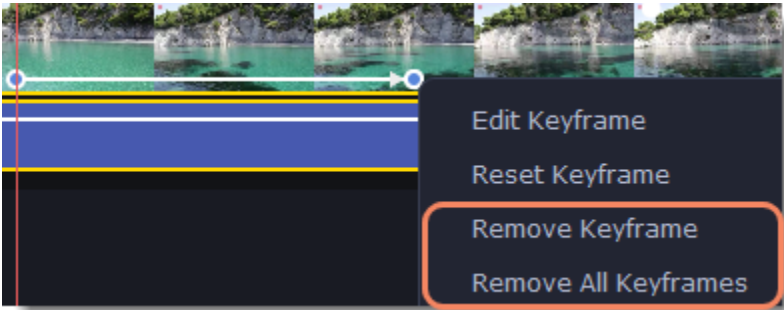
Add the Pan and Zoom effect to all the image clips automatically

- 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**.

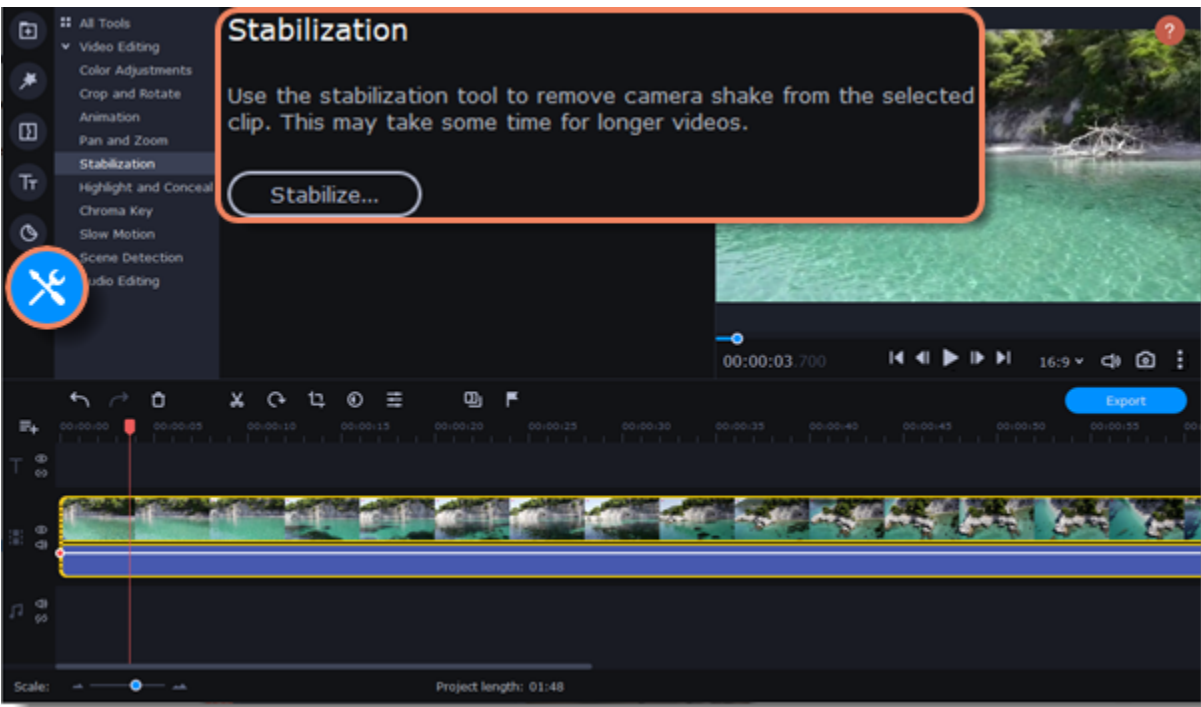


Stabilizing video

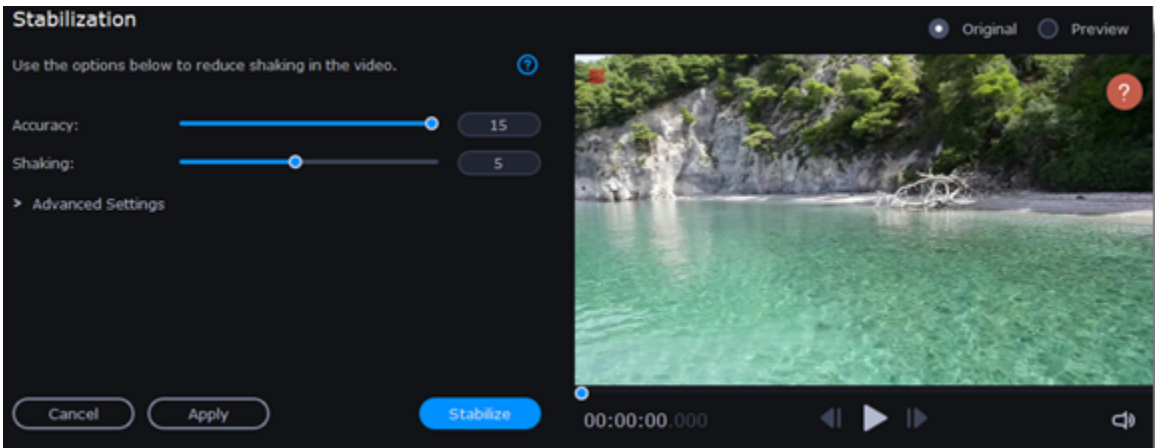
If you're filming with a handheld camera, it's likely that there might be some unwanted camera shake visible on the video, especially if you walk or move while filming.

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.



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



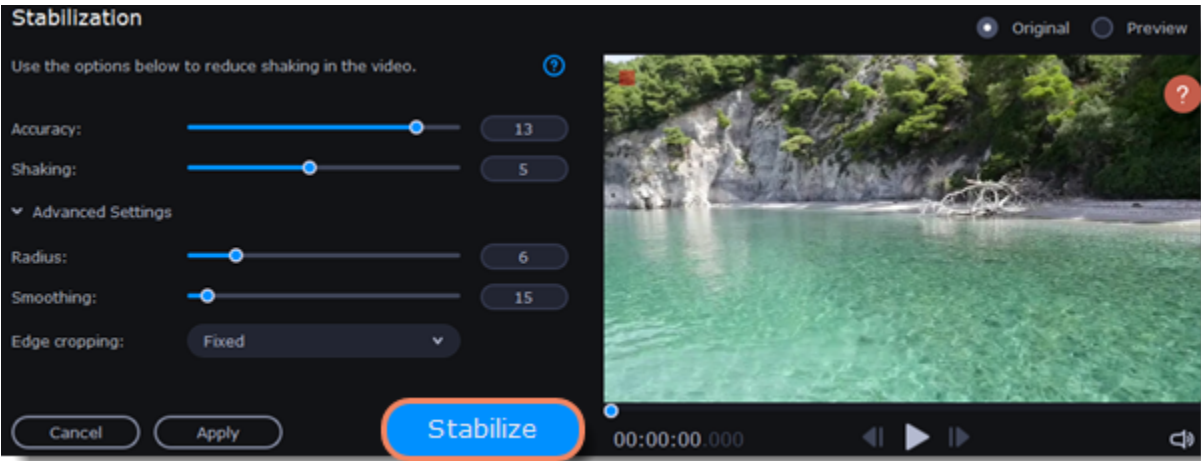
- 4. Set up stabilization with the following parameters:

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: <ul style="list-style-type: none">• 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.• Adaptive: whenever there is a lot of shaking, the video will zoom in so that the distorted edges are not shown.


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



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:

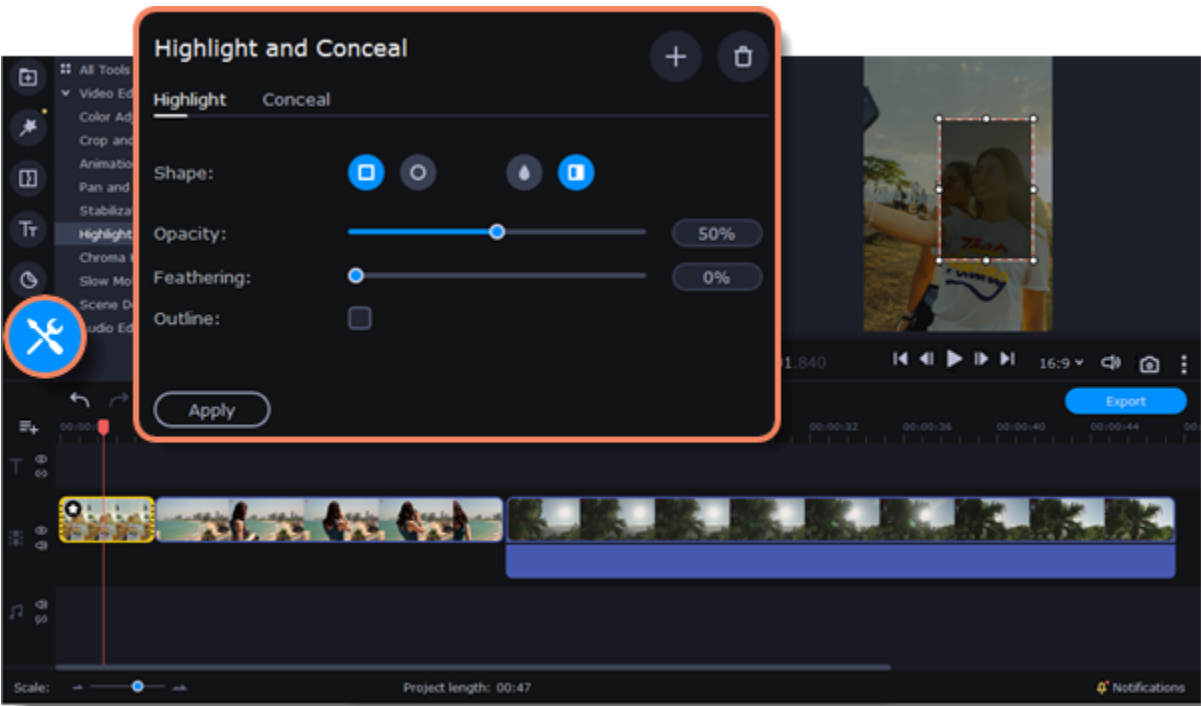
- 1. Open the Settings menu and choose Preferences.
- 2. Switch to the Files tab.
- 3. Find the "**Store stabilized videos in**" box and click the button  on the right to choose another folder on a drive.
- 4. Click OK to accept the changes.
- 5. Try stabilizing the video again.

Highlight and conceal

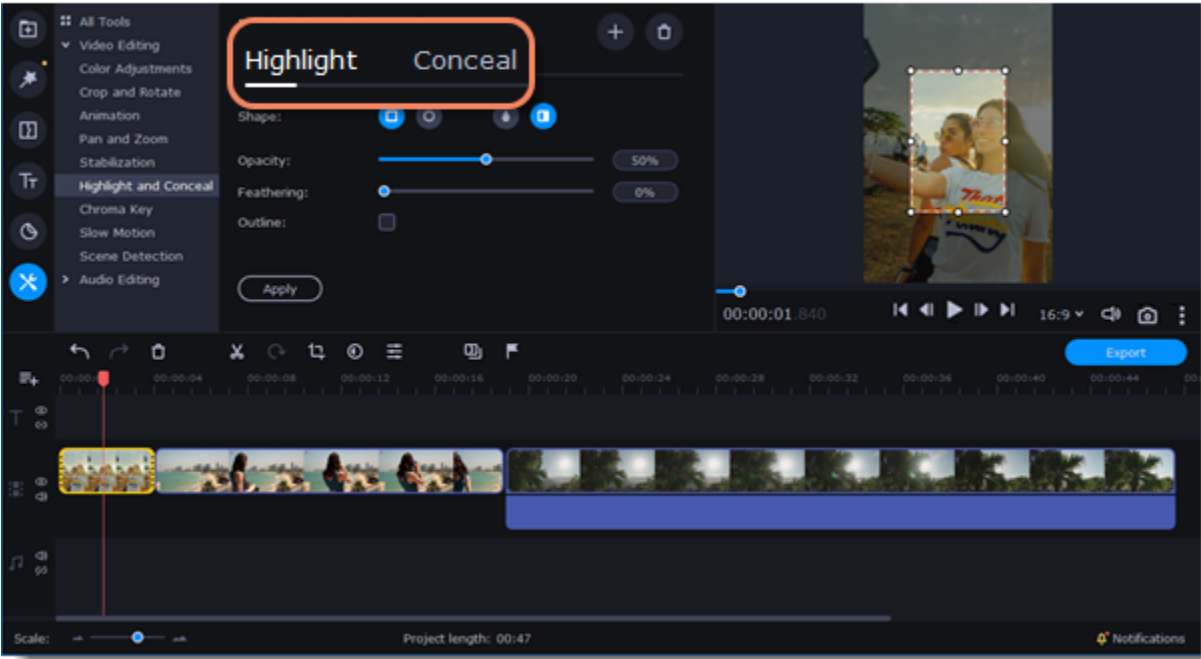
This tool will help you to control the focus in the frame, and blur or darken parts of the video.

Apply the Highlight and Conceal tool to the video

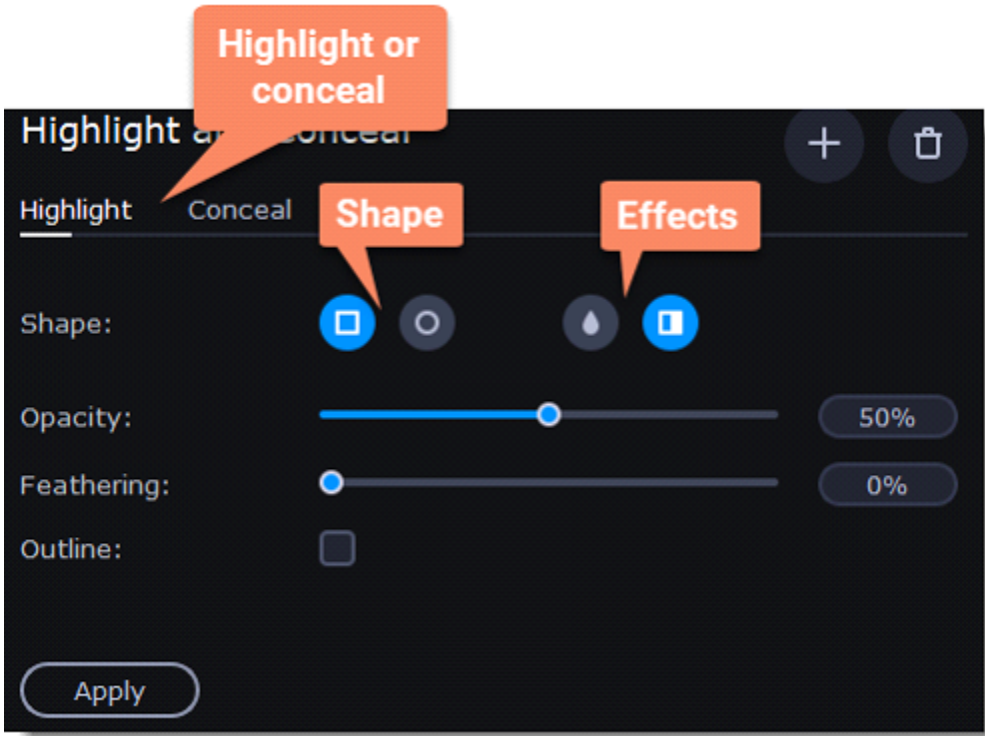
- 1. On the Timeline, select the clip that you want to edit.
- 2. To open the **Highlight and Conceal**, click the **More** button on the left sidebar, and choose Highlight and Conceal in the **Video Editing** tab.



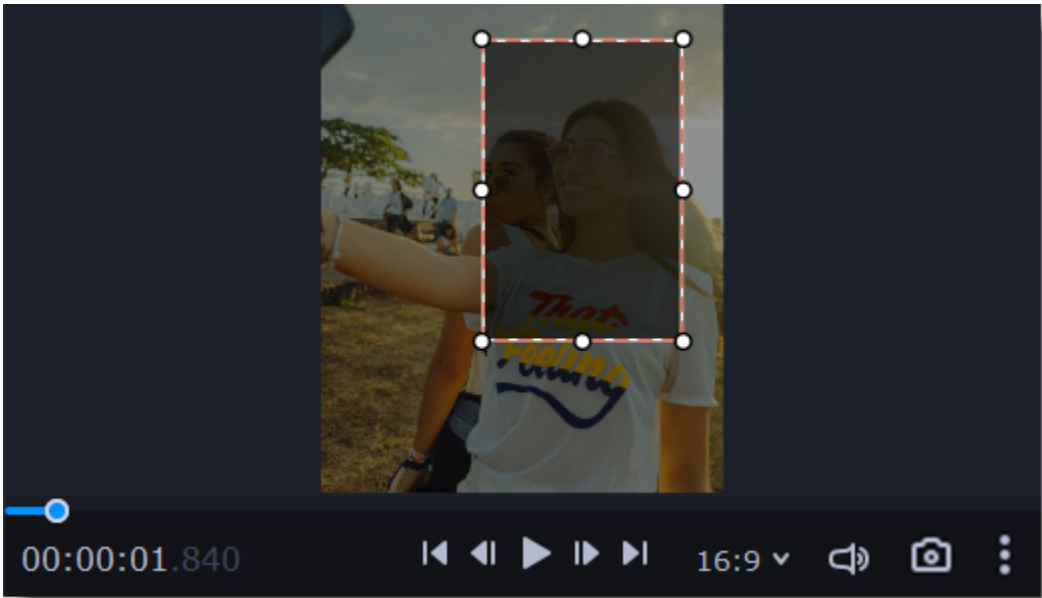
- 3. Choose **Conceal** if you want to hide an object, and **Highlight** if you want to make an accent on the object.



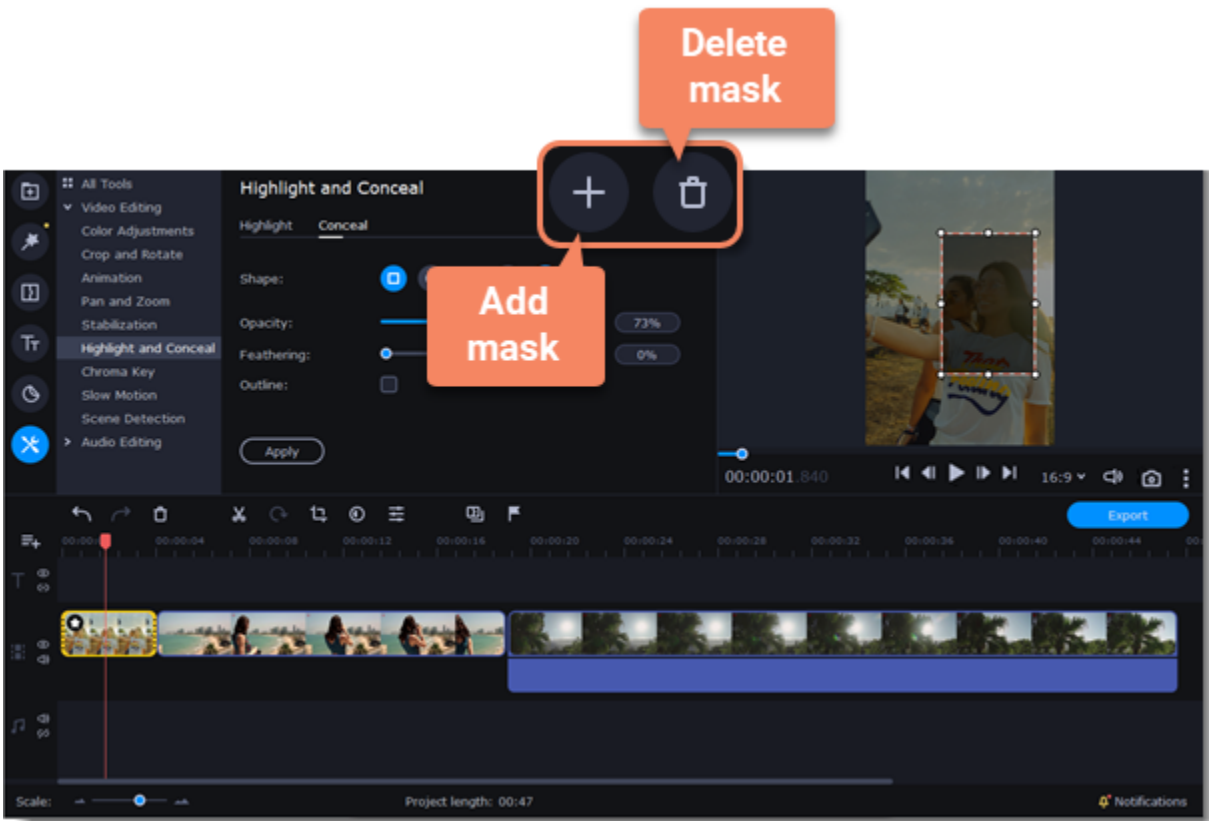
4. Choose a shape for the mask: you can use a **rectangular** or an **elliptical** one.
5. Choose a masking effect: **Blur**, **Matte** (black cover-up) or **Pixels**. Use the options below to set up the mask:
- Opacity** – makes the mask more transparent (for matte and blur);
 - Feathering** – makes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



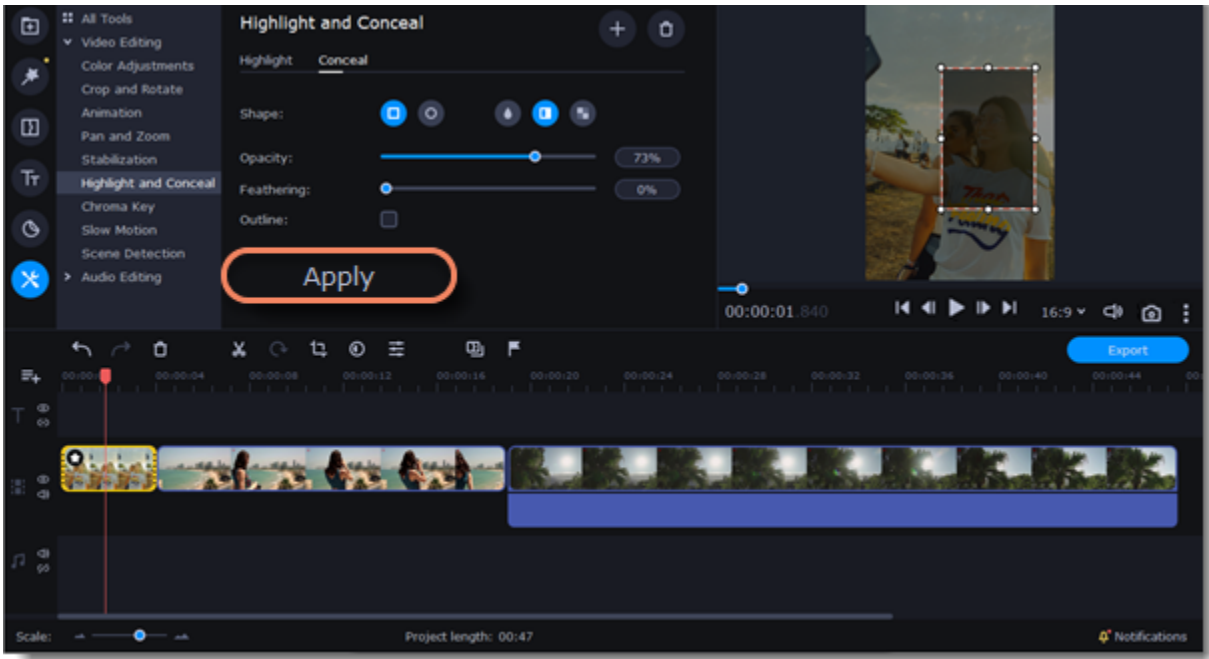
6. To change the size and shape of the mask drag its corners in the player, drag by the center of the mask to move it on top of the object.



 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.

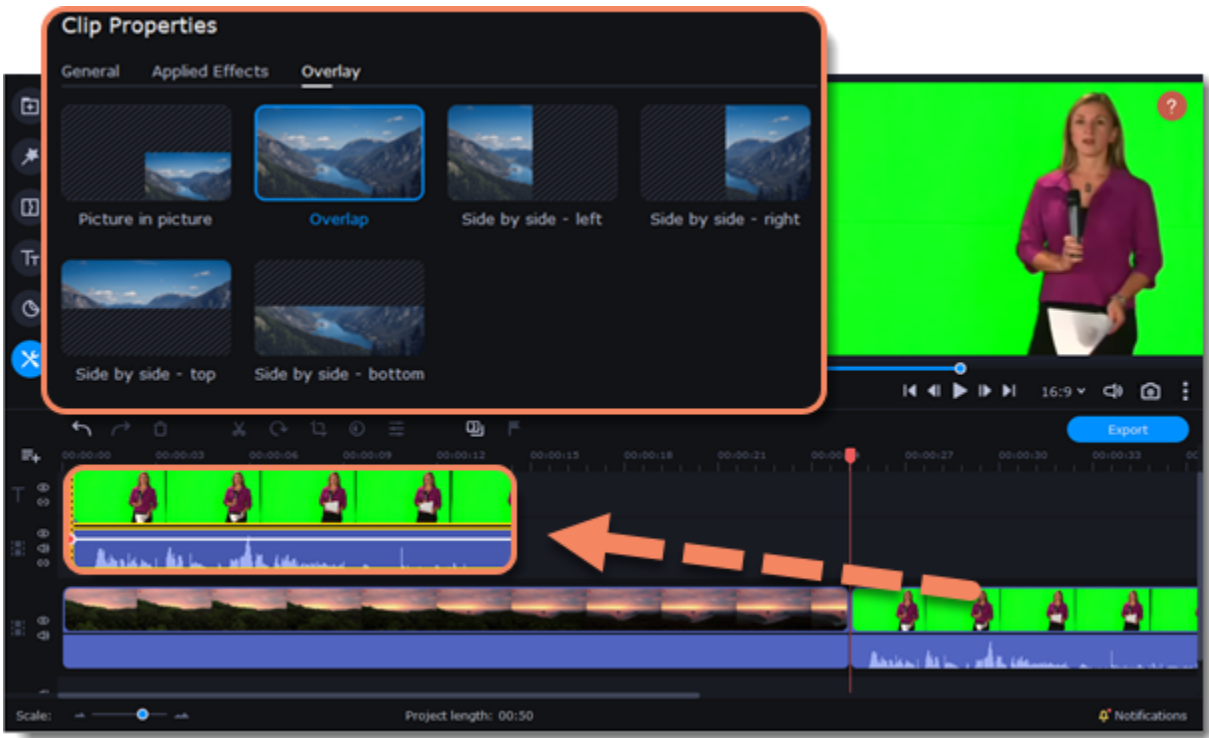


Chroma key

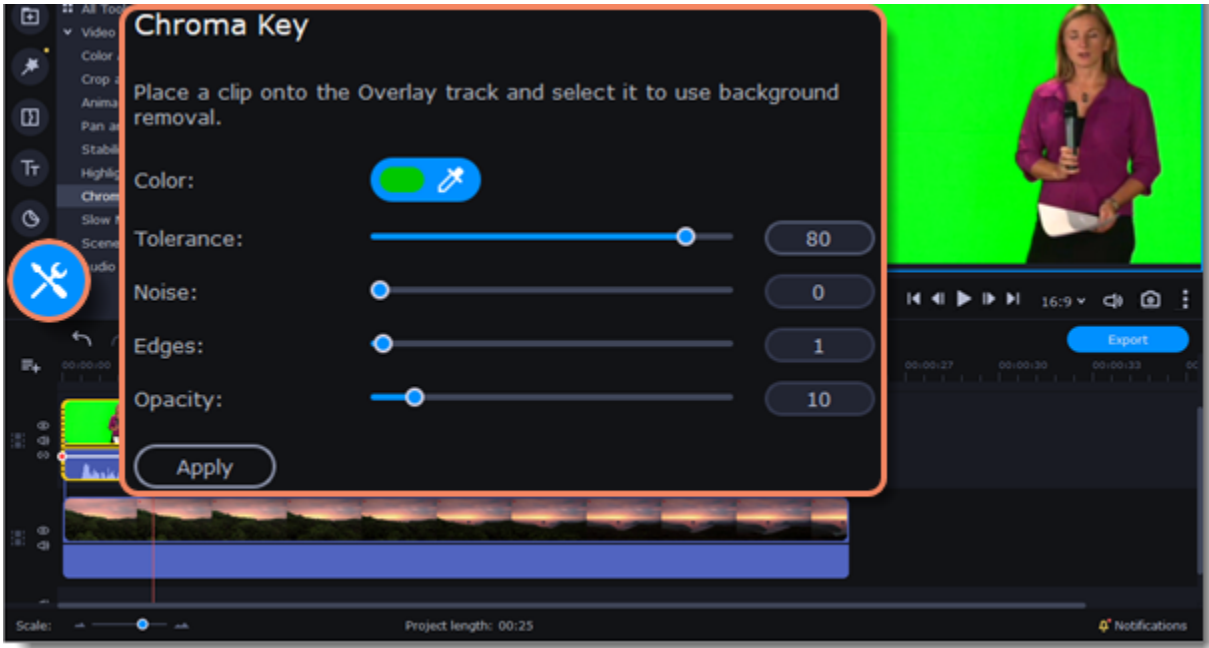
The Chroma key effect allows you to remove any color from the image or video, leaving the background transparent.

Add Chroma Key

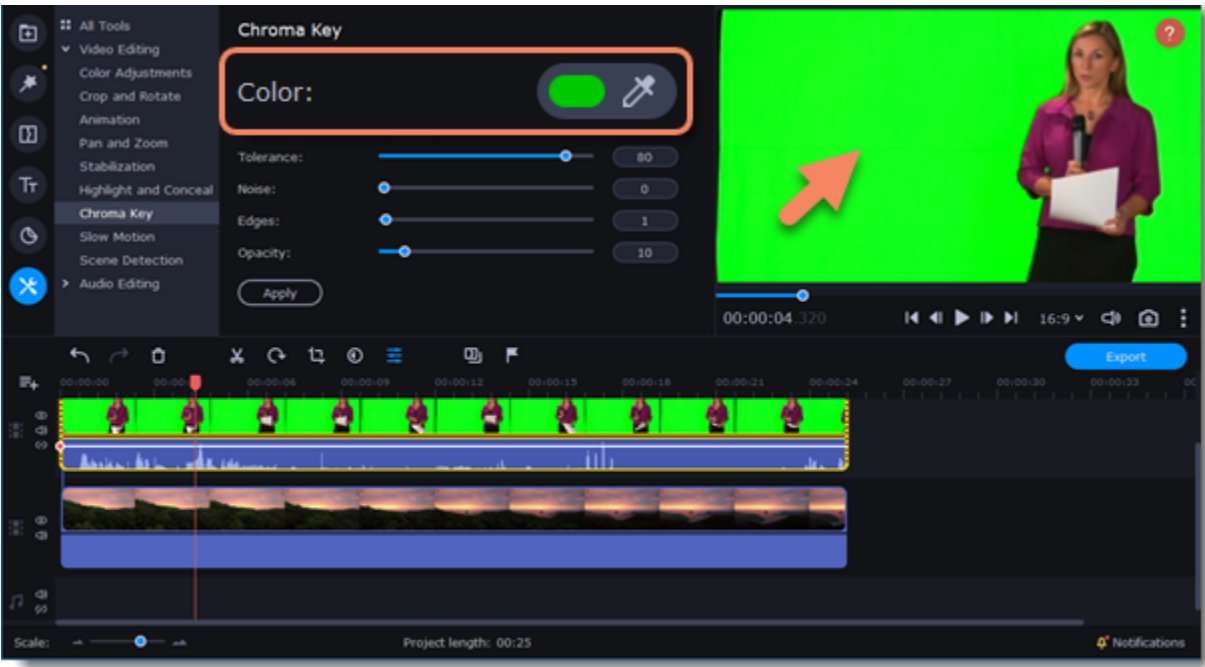
1. Add the video or image clips that you want to use as the foreground and the background.
2. Select the foreground video and move it up, onto the **Overlay** track.
3. Double-click the foreground video to open Clip Properties.
4. To make the foreground video completely cover the background video, select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



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



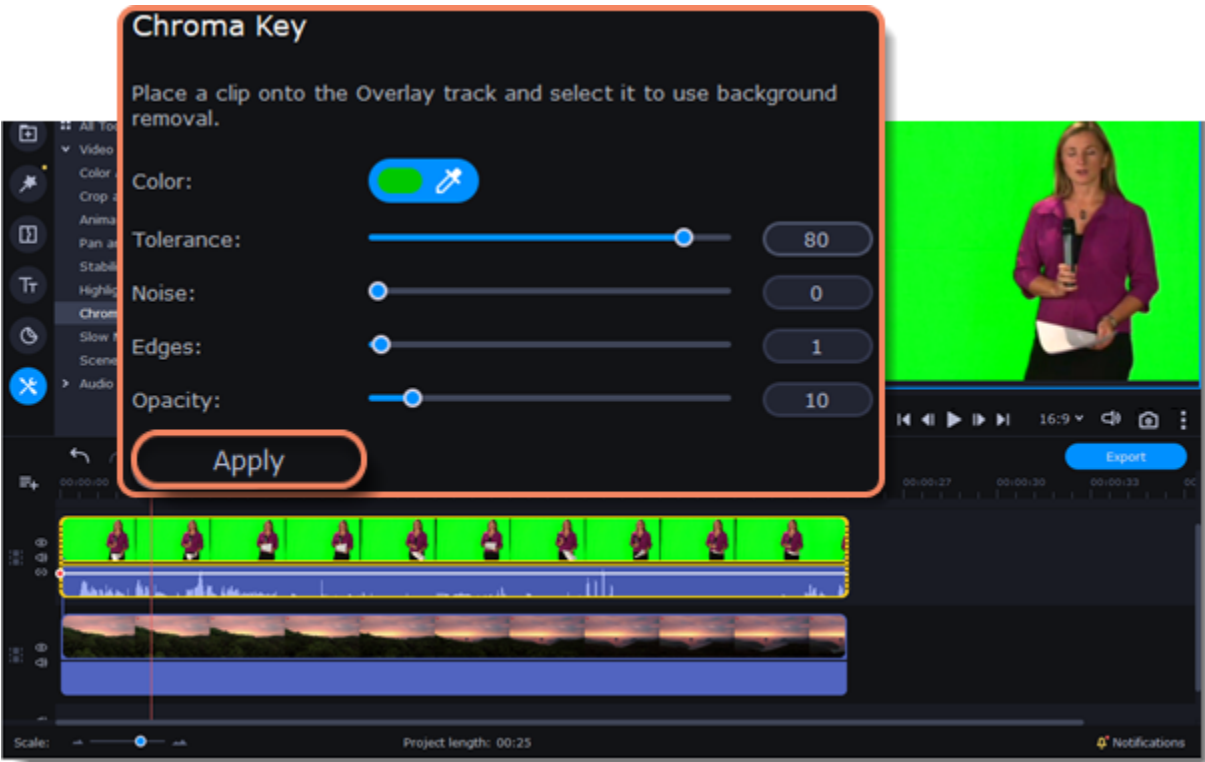
6. Once you open the **Chroma Key** tool, move your mouse cursor over the player and click on the color that you want to remove. The color you've picked will become transparent.



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

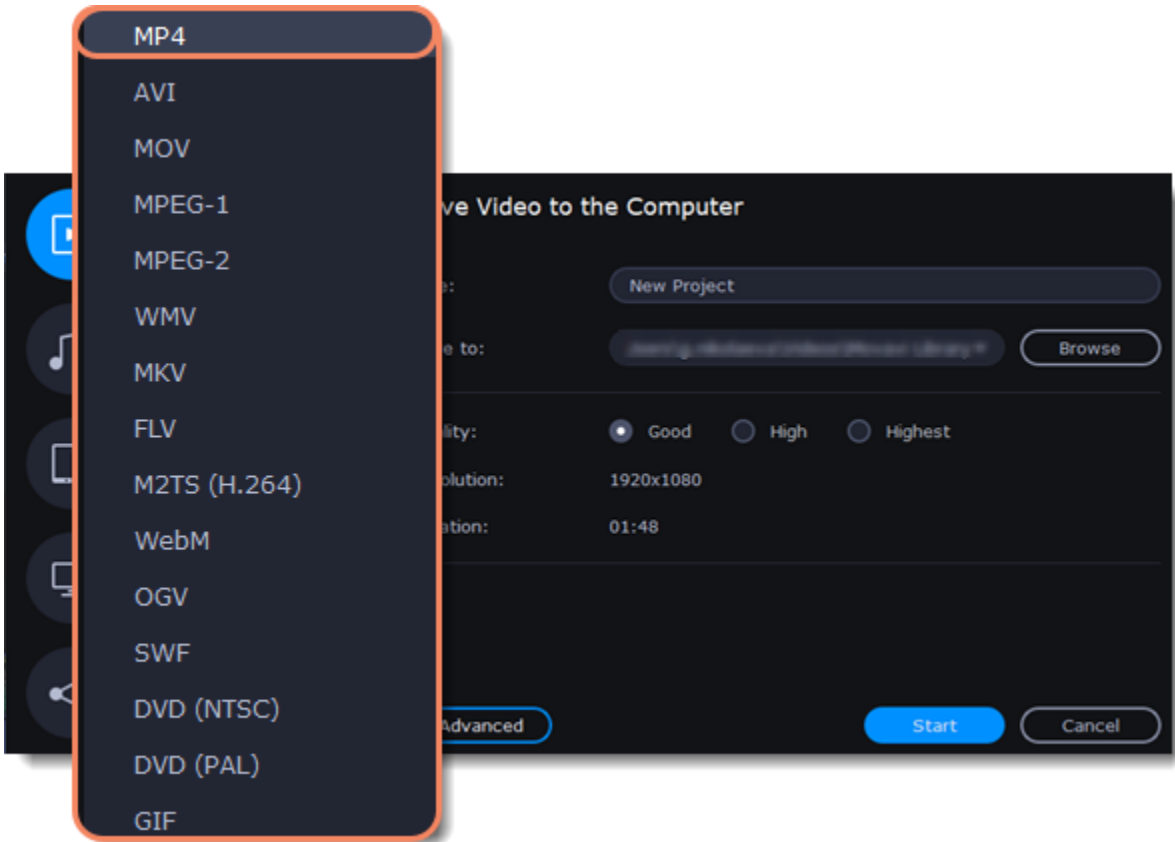
When you're done with your project, you'll need to export it as a media file to be able to play it on the devices. This section will guide you through the process of exporting your project to a popular video format. If you want to find out more about other ways of saving videos, see the following guides:

[Saving videos for devices](#)

[Uploading videos online](#)

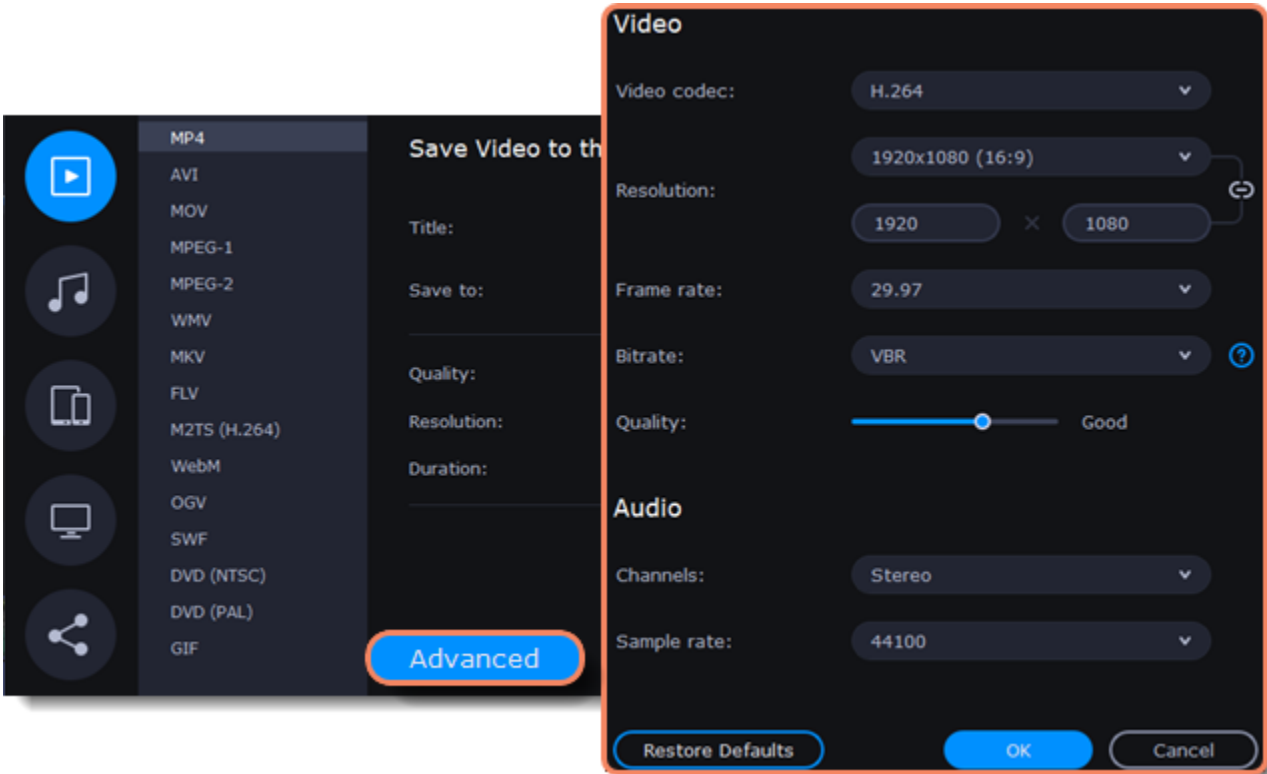
Export a video

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

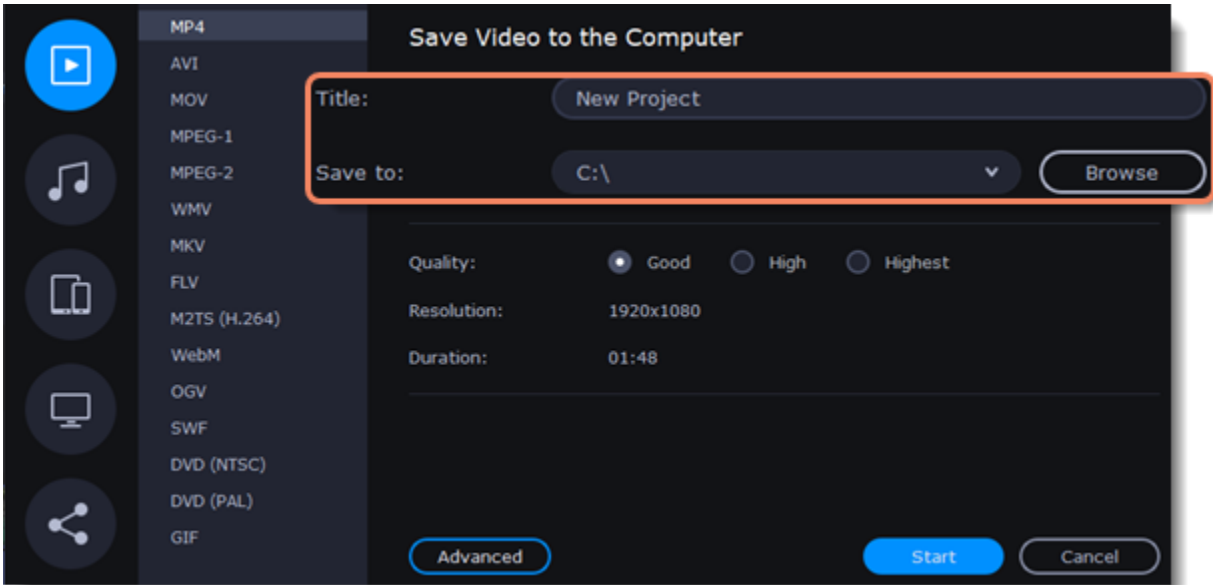


Some formats allow you to choose between video codecs. If you don't know which format to choose, try using **MP4**. The MP4 format is supported by most platforms and operating systems.
At lower resolutions, the file will be significantly smaller, however, the video will lose some quality due to the limitations 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**.

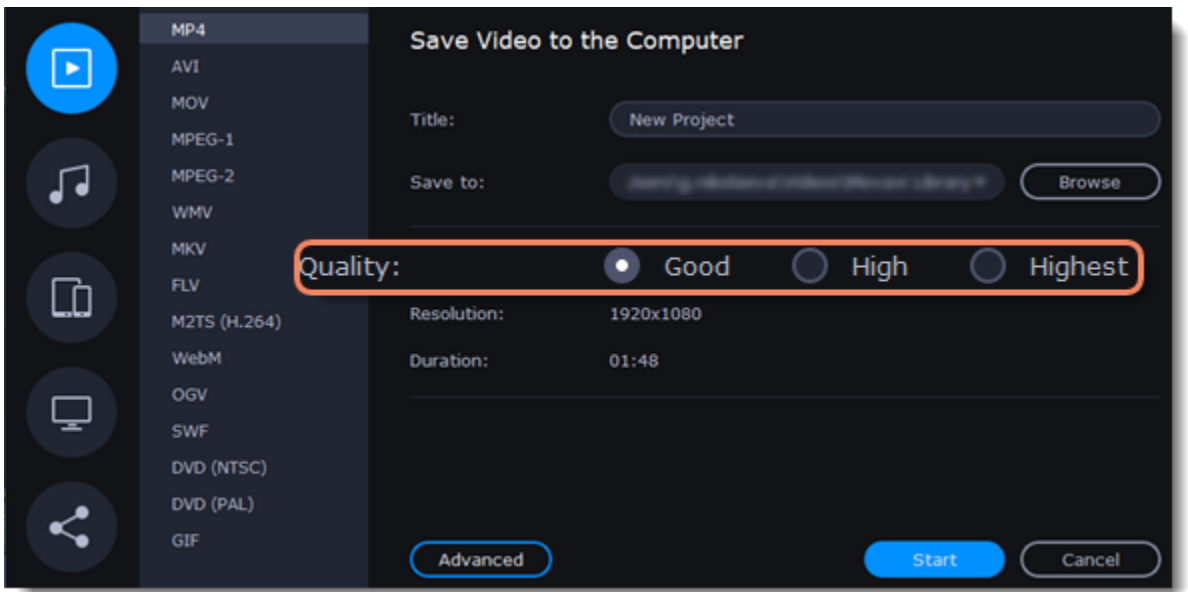


4. Name your file and choose a destination folder.



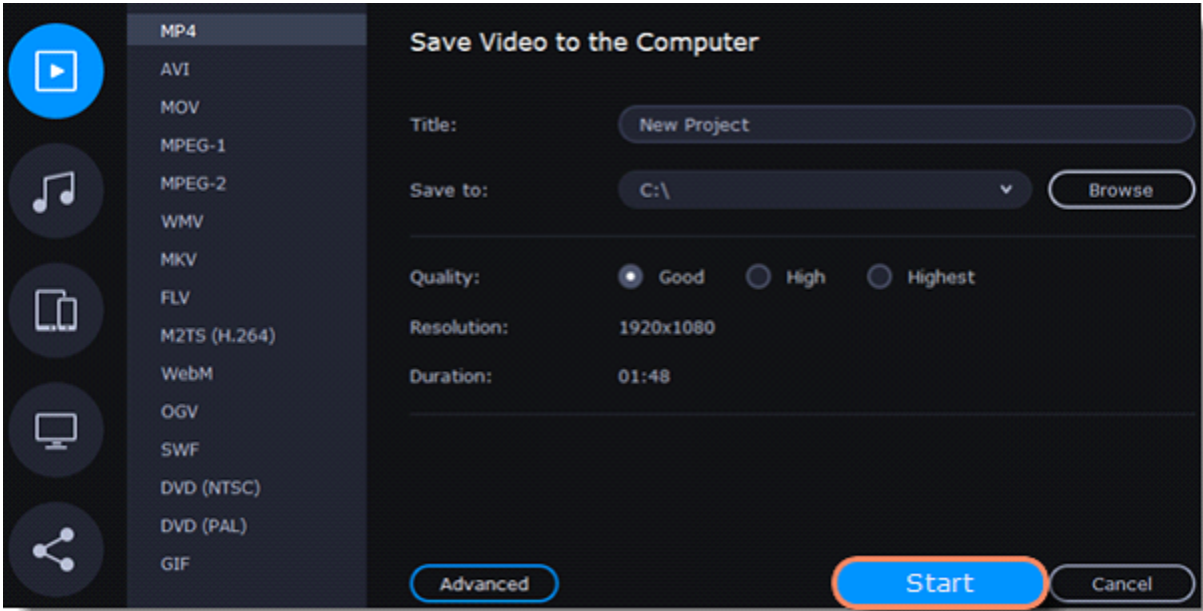
In the '**Save to**' field, enter the folder where you would like to store the file. By default, this will be the directory for saving output videos specified in the [preferences](#). To set a different folder, click the **Browse** button and choose the folder in the Windows Explorer window, or enter 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. Choose the quality of the video.



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.

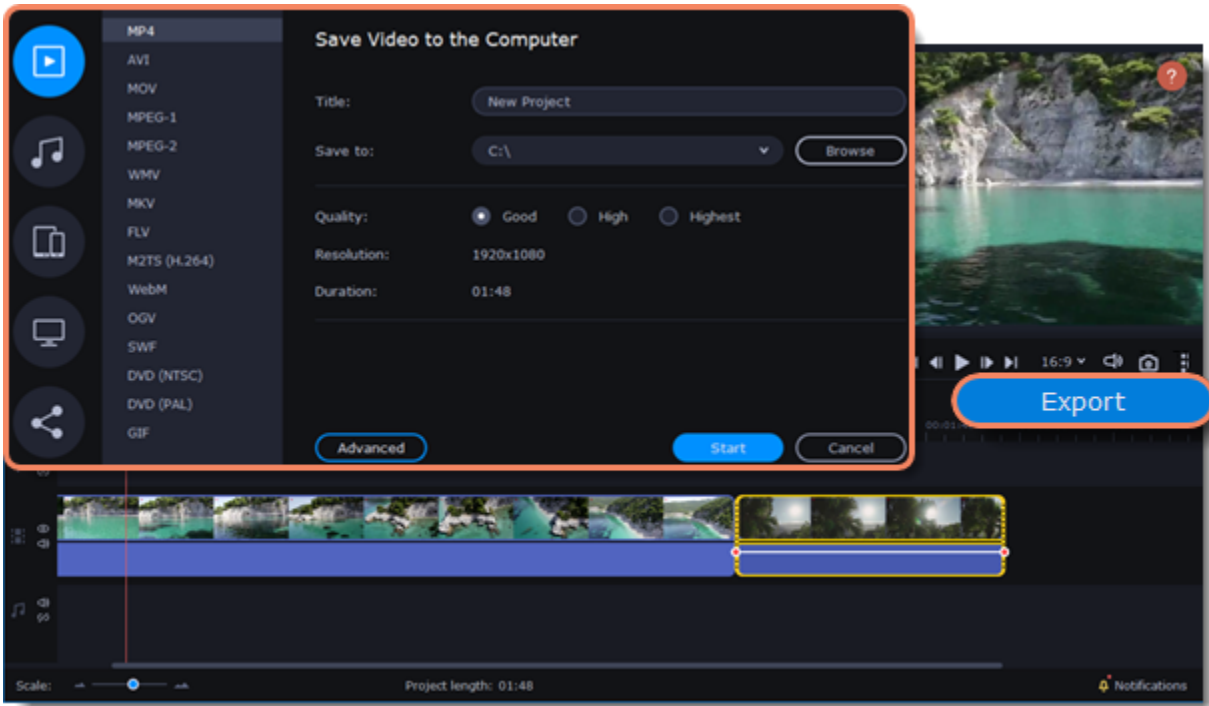


Export only audio

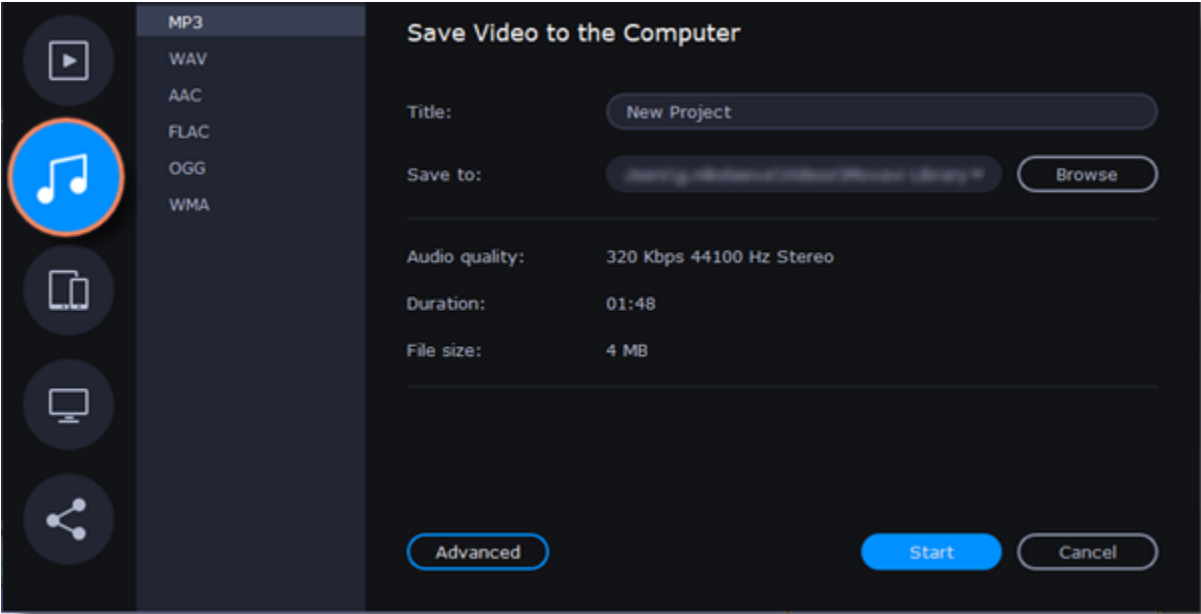
This section will guide you through exporting just the audio track of your project.

Export an audio

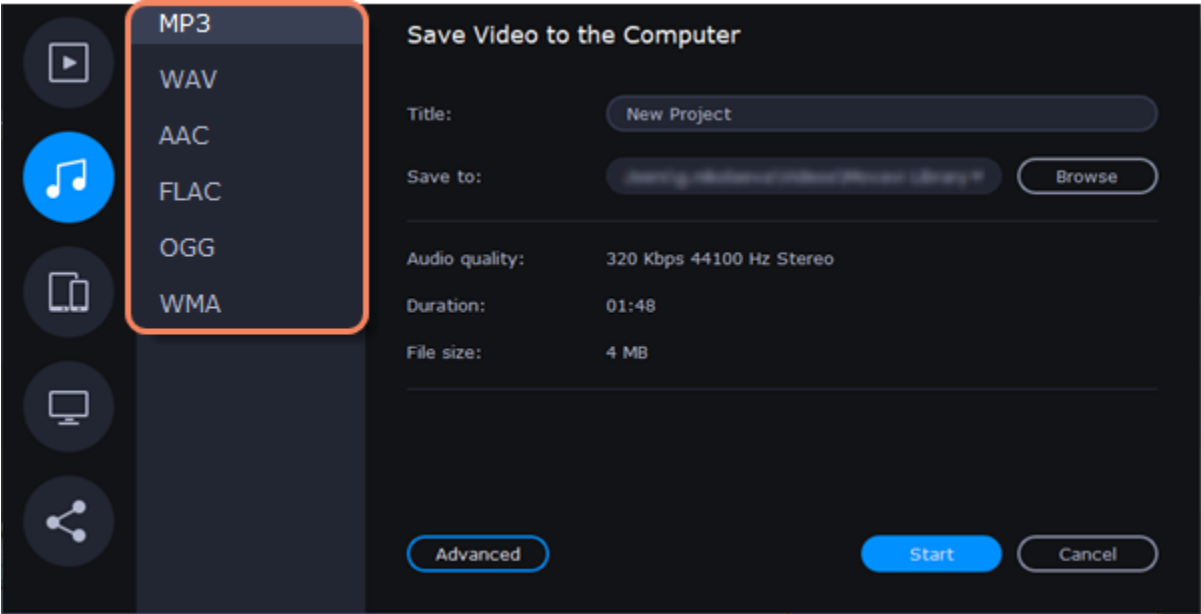
1. Click the **Export** button in the bottom right-hand corner of the Editor to open the export settings window.



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



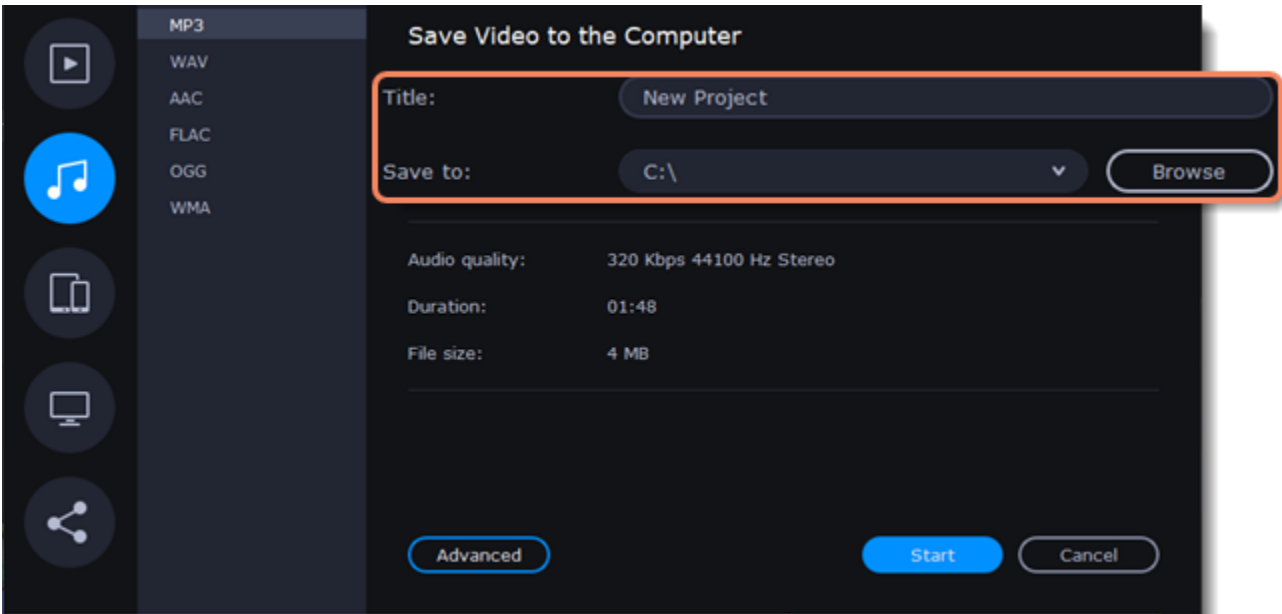
3. Select the format you'd like to save the audio in.



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 [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.

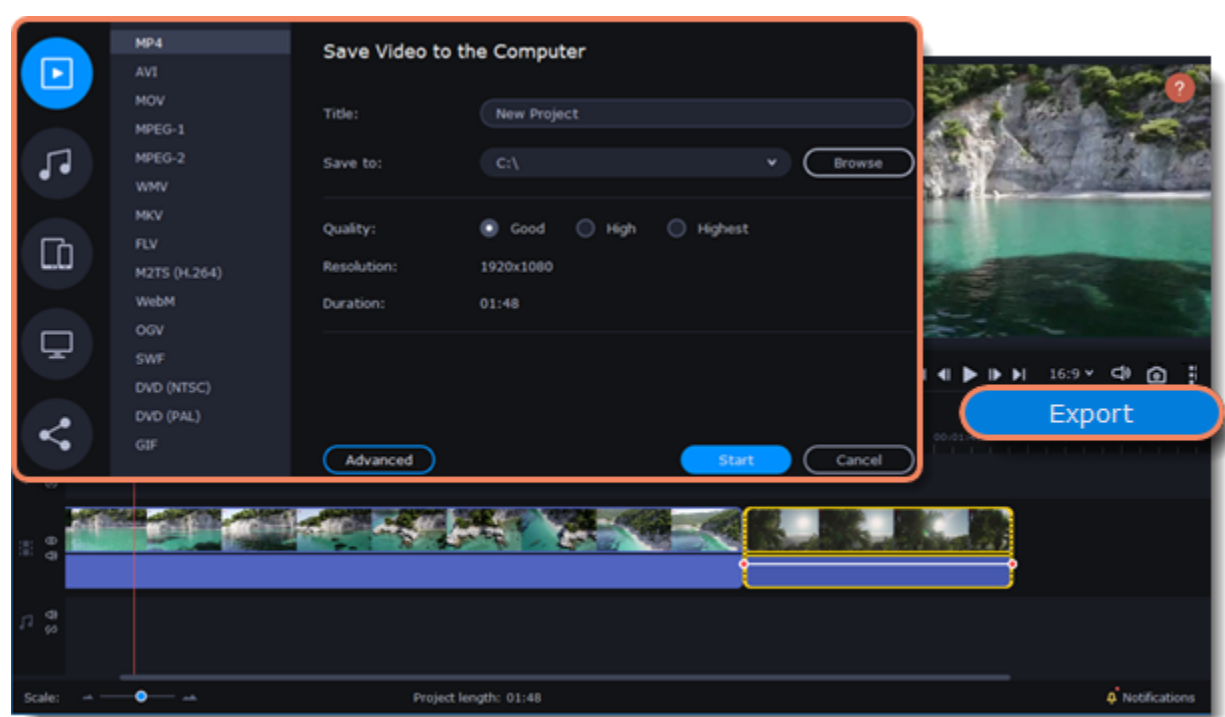
5. Click the **Start** button to begin processing the video file.



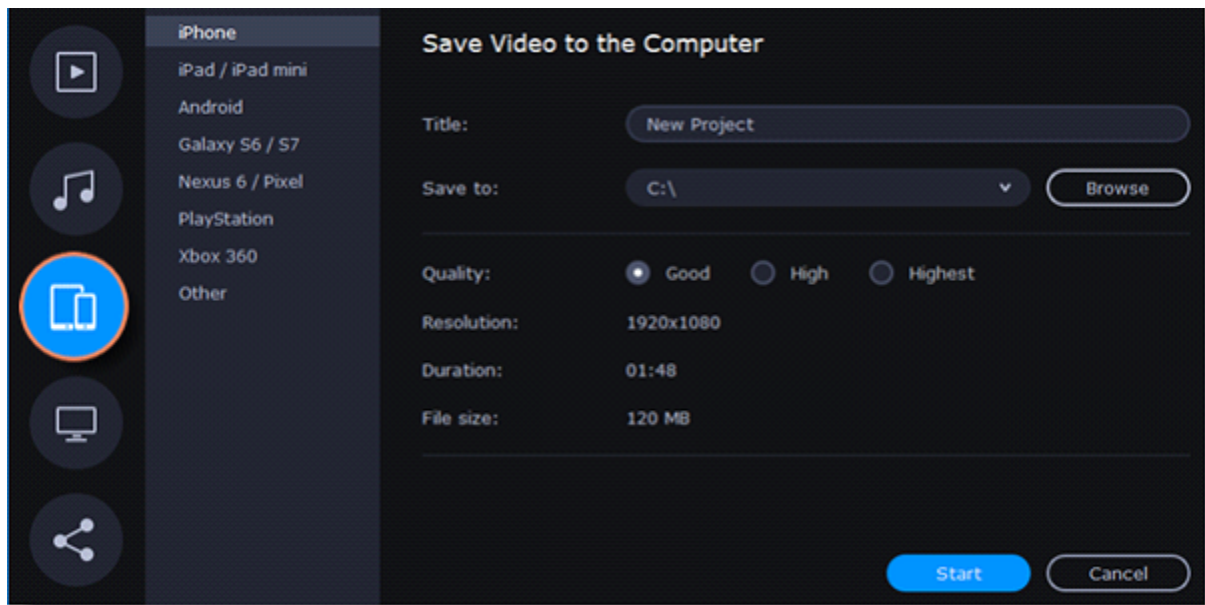
Export for devices

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.

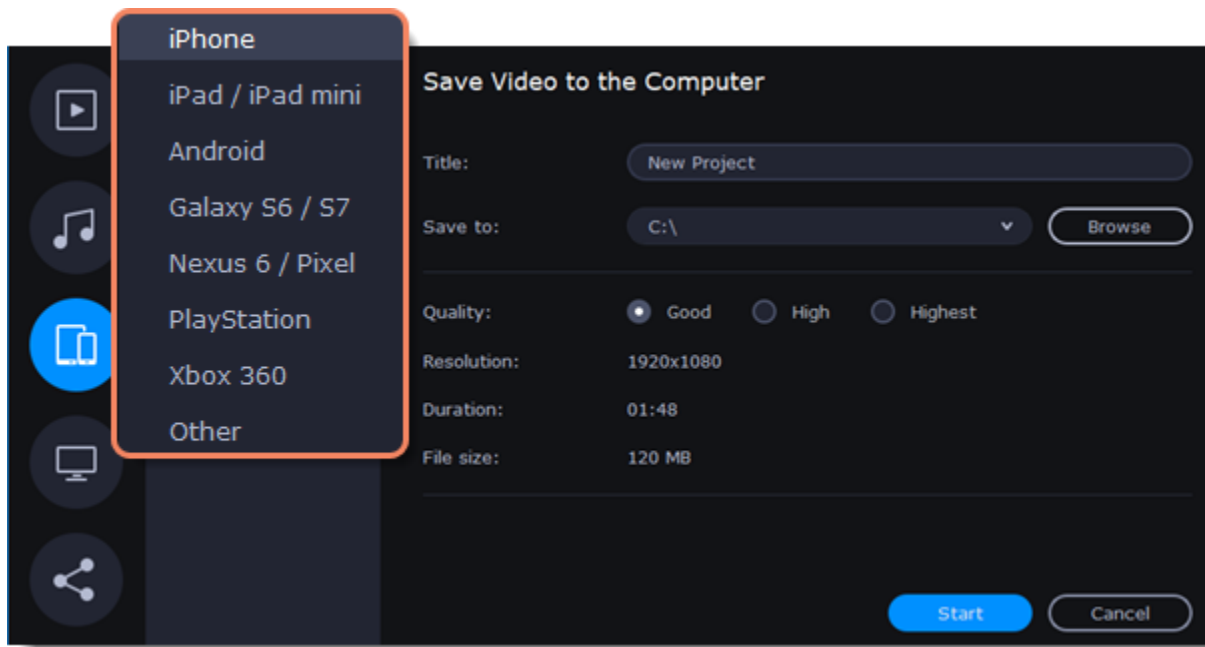


2. In the left part of the Export window click on the **Save for Devices** tab.

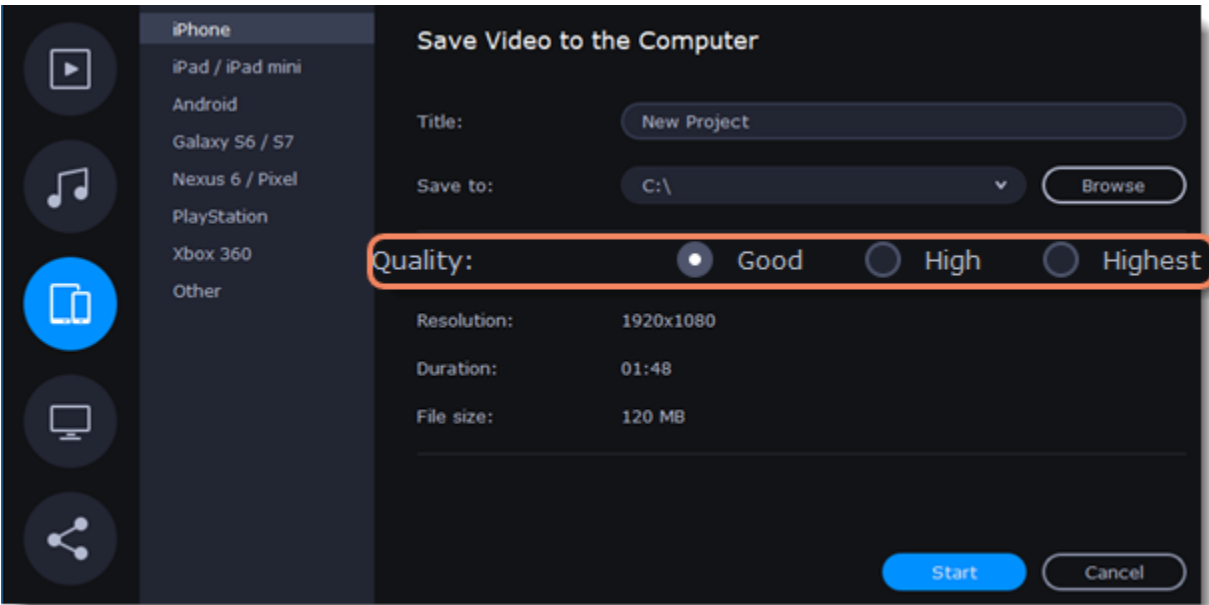


3. Choose a format.

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**.

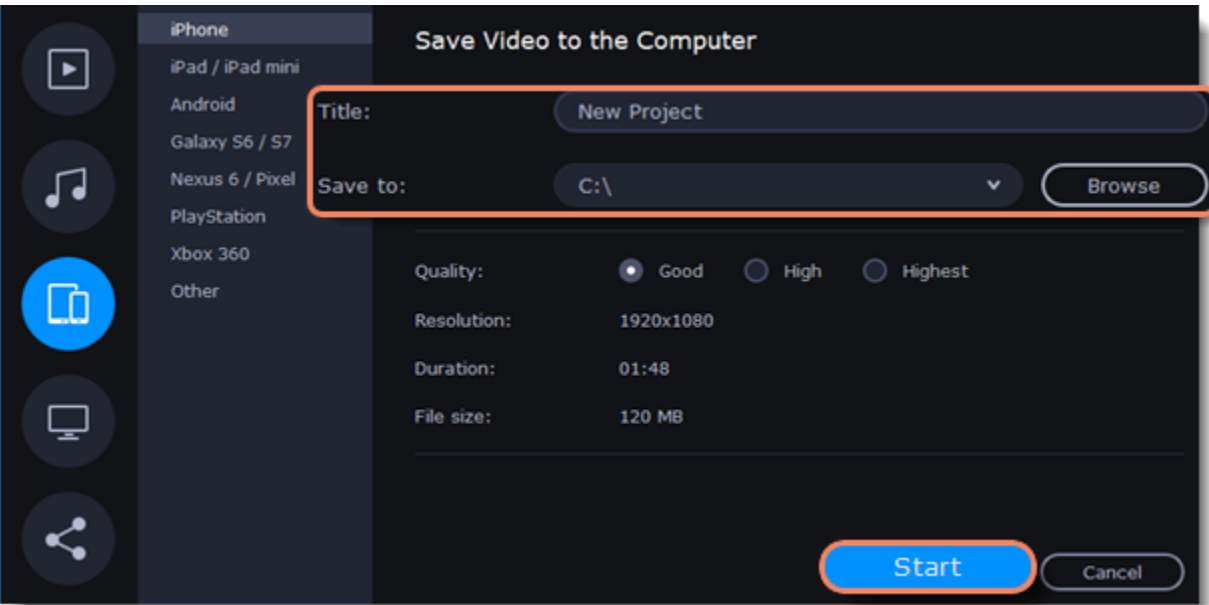


You can select **High** or **Highest** quality to export the finished video with a higher bitrate. This will increase the output file size but will preserve better quality. For most other projects, **Good** quality will provide a nice result at a small file size.



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.

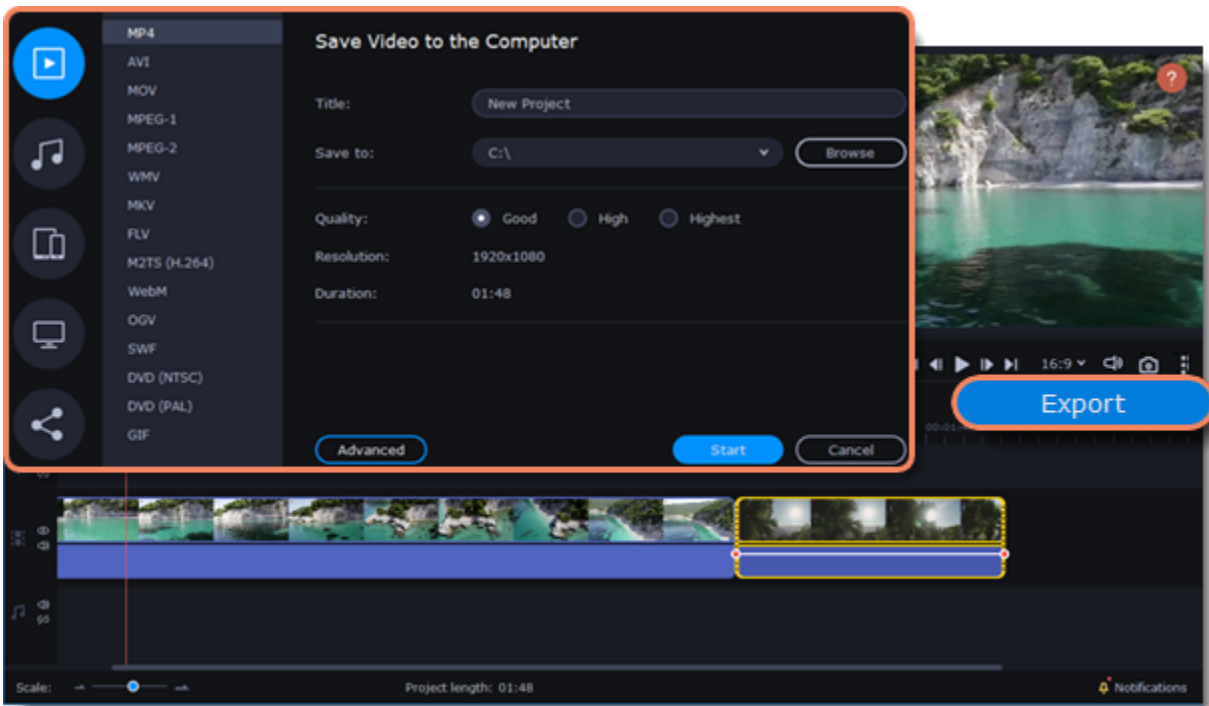
5. Click the **Start** button to begin processing the video file. This may take up to a few minutes.



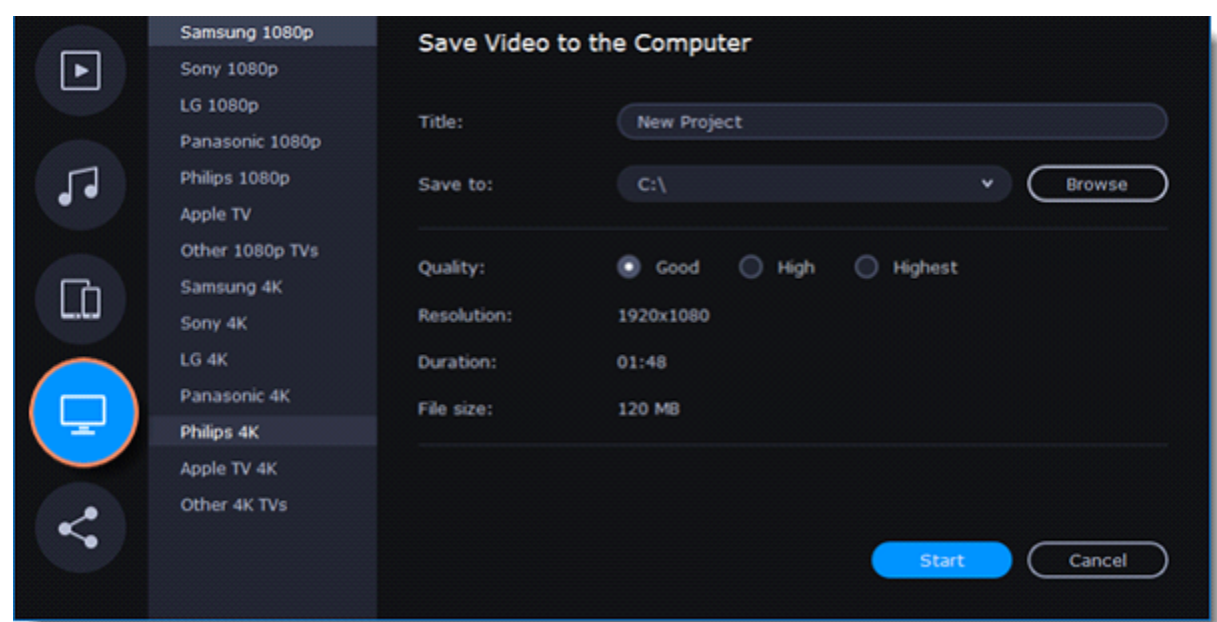
Export for TVs

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

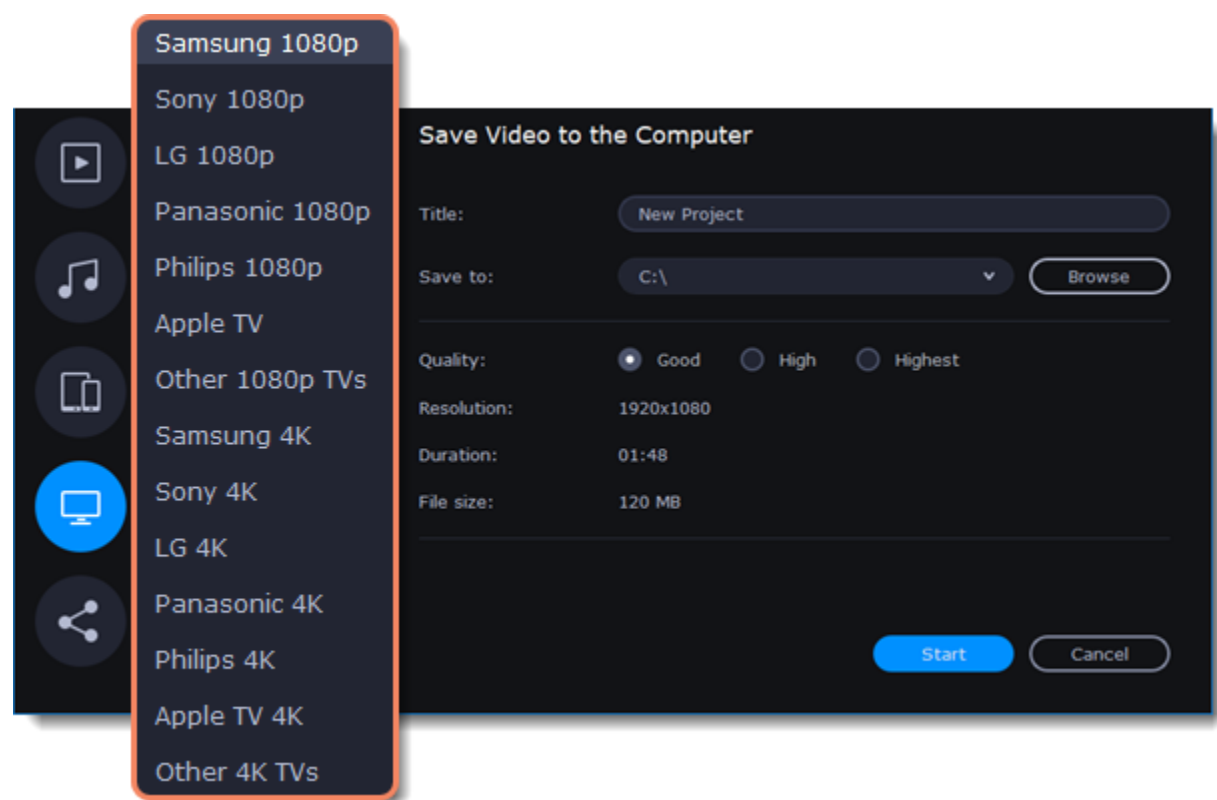
1. In the bottom right hand corner of the Editor, click the **Export** button to open the export settings window.



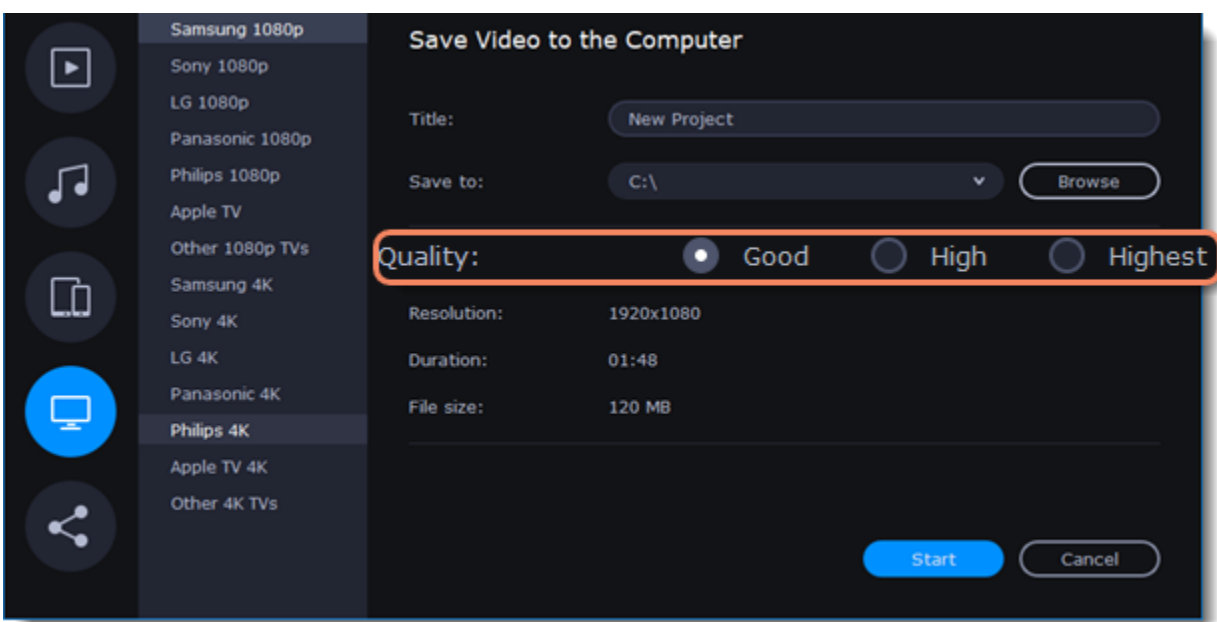
2. In the left part of the Export window click on the **Save for TVs** tab.



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**.

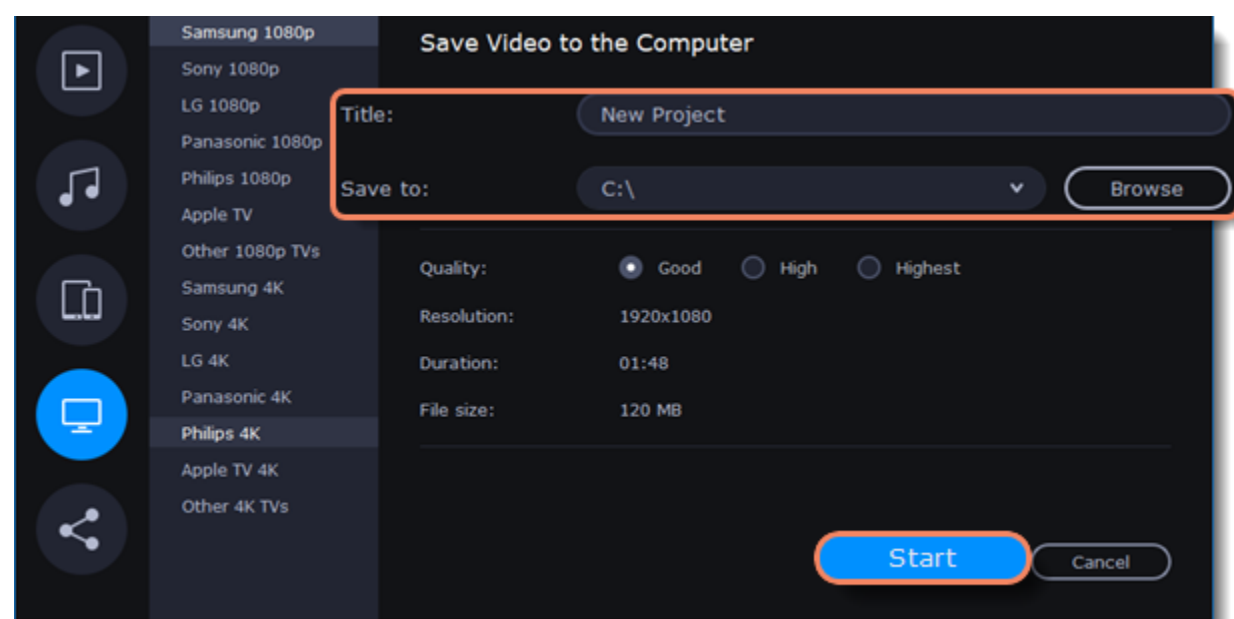


If your project is heavy on small details and filters, you can select **High** or **Highest** quality to export the finished video with a higher bitrate. This will increase the output file size but will preserve better quality. For most other projects, **Good** quality will provide a nice result at a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



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.

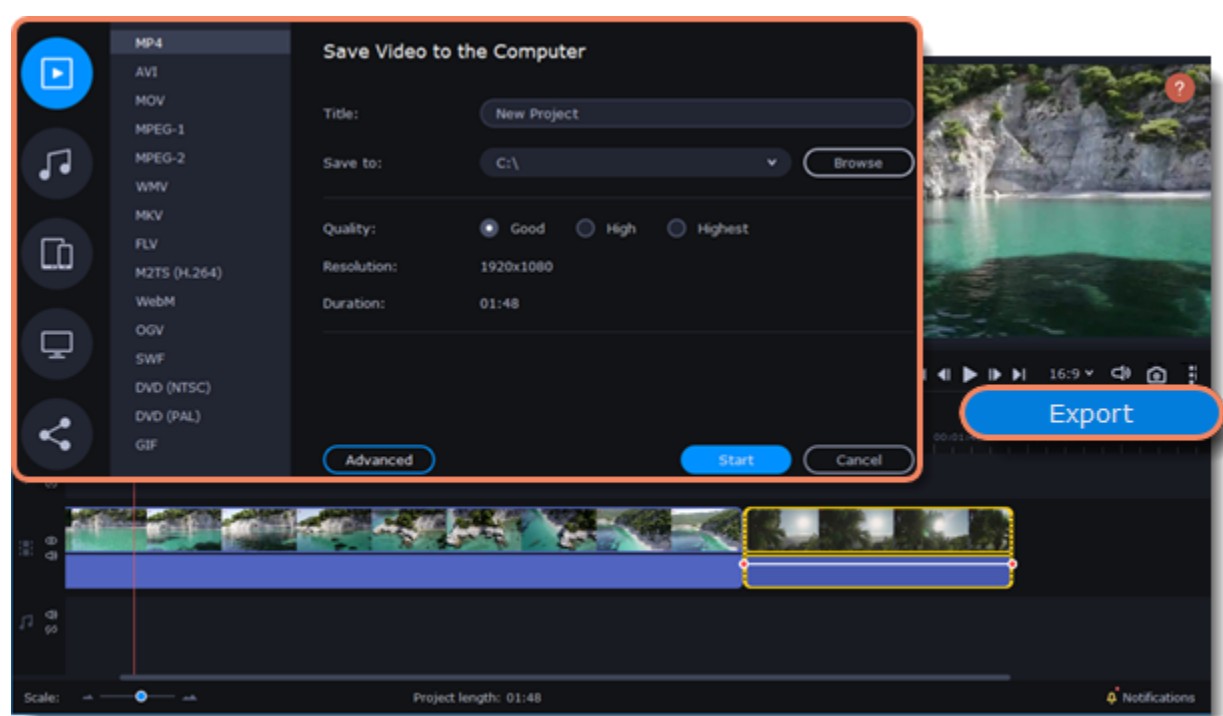


Uploading online

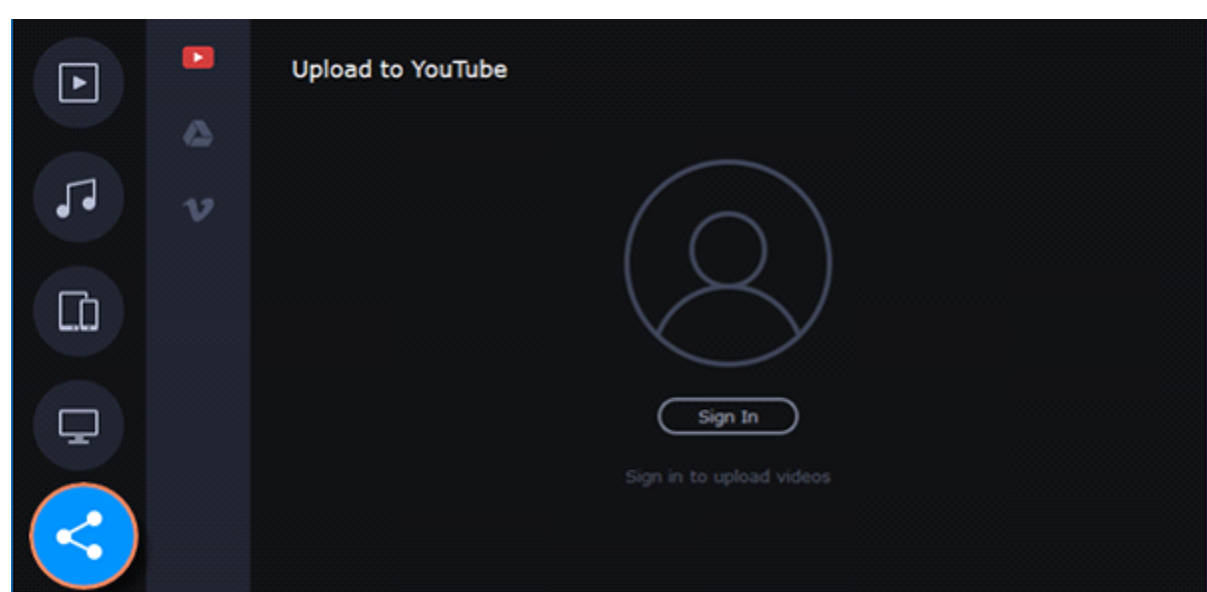
After you finish your video, you can share it to YouTube, Vimeo or Google Drive right from the export window.

Upload online

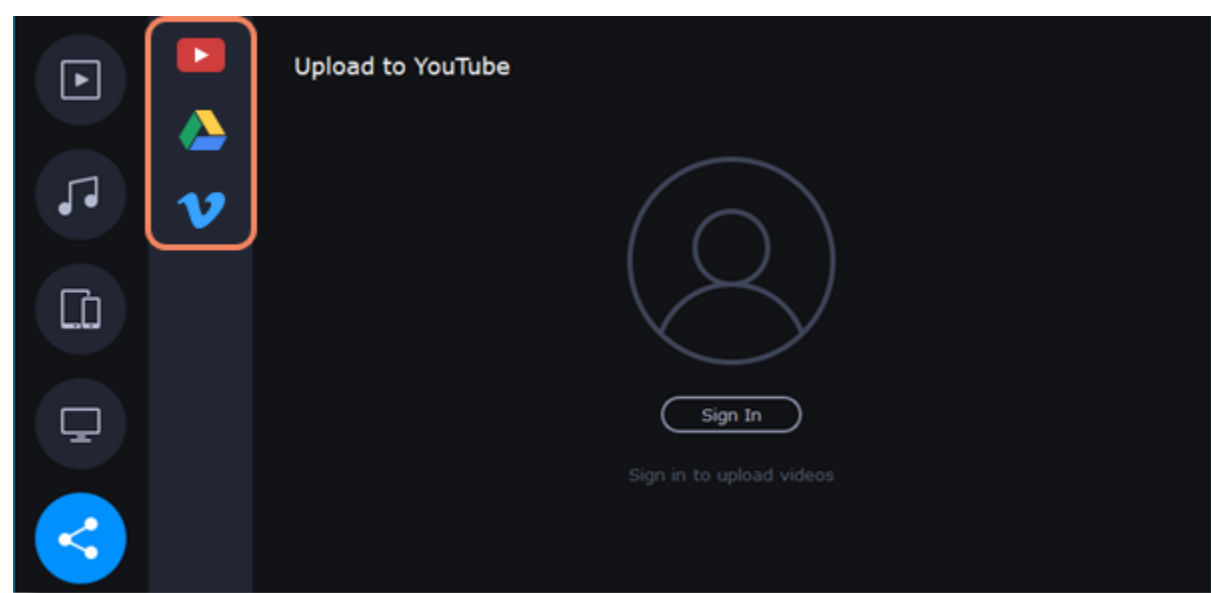
1. Click the **Export** button to open the exporting window.



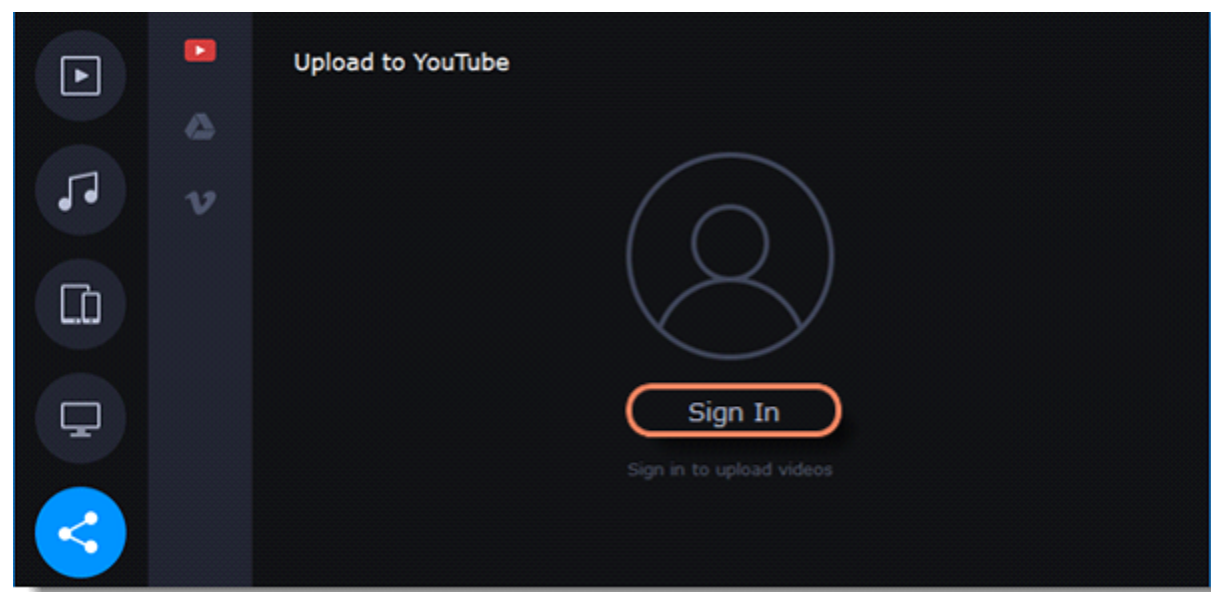
2. In the left hand part of the Export window click on the **Upload Online** tab.



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.

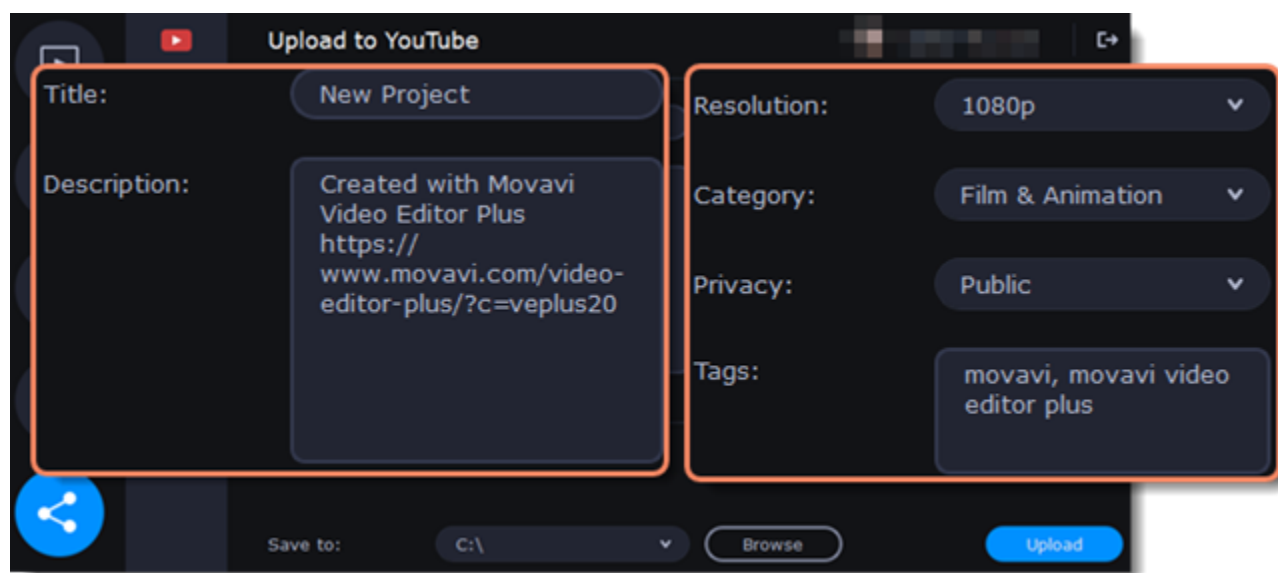


5. In the Export window, open the **Resolution** list and choose a resolution that suits your project.



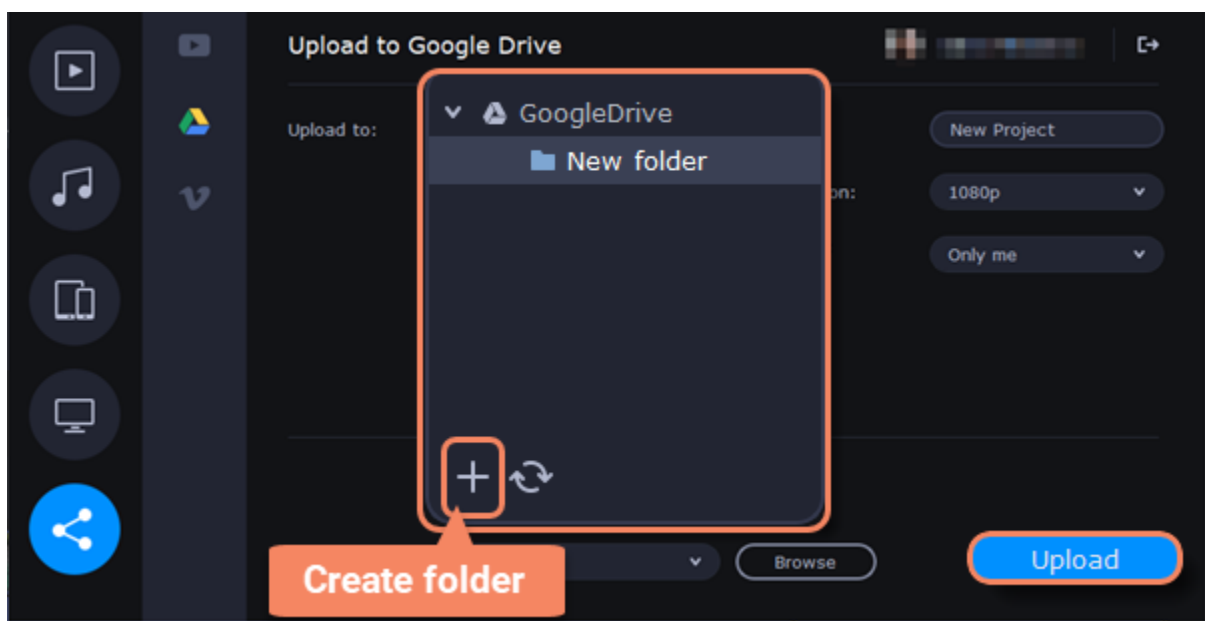
Upload to YouTube

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.



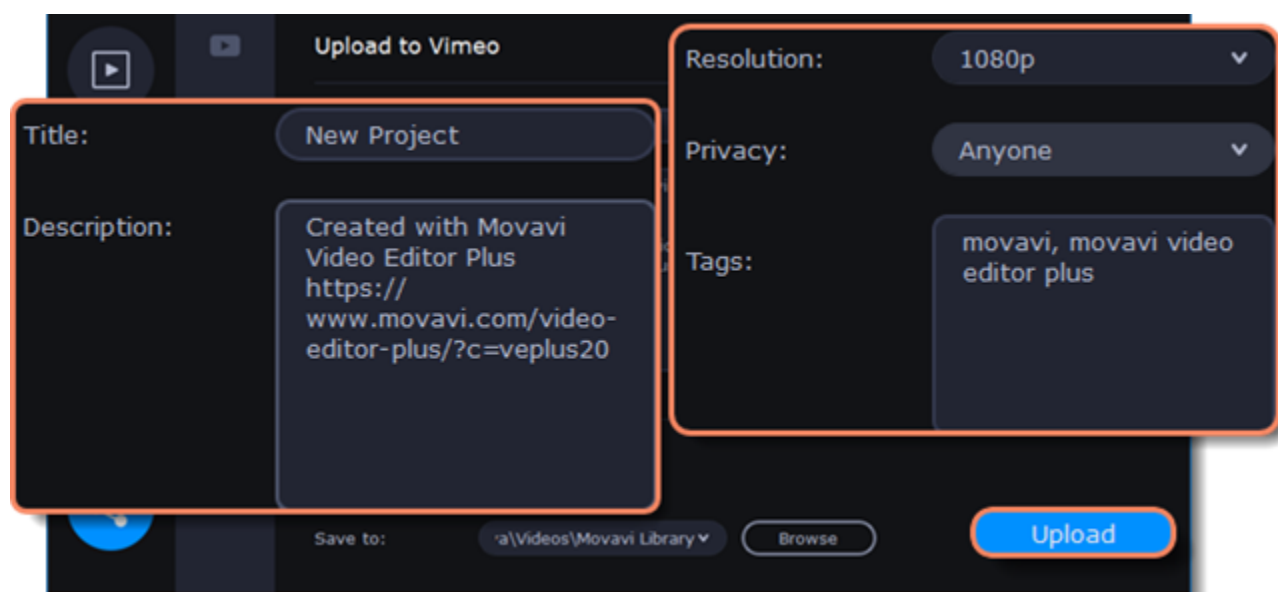
Upload to Google Drive

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.



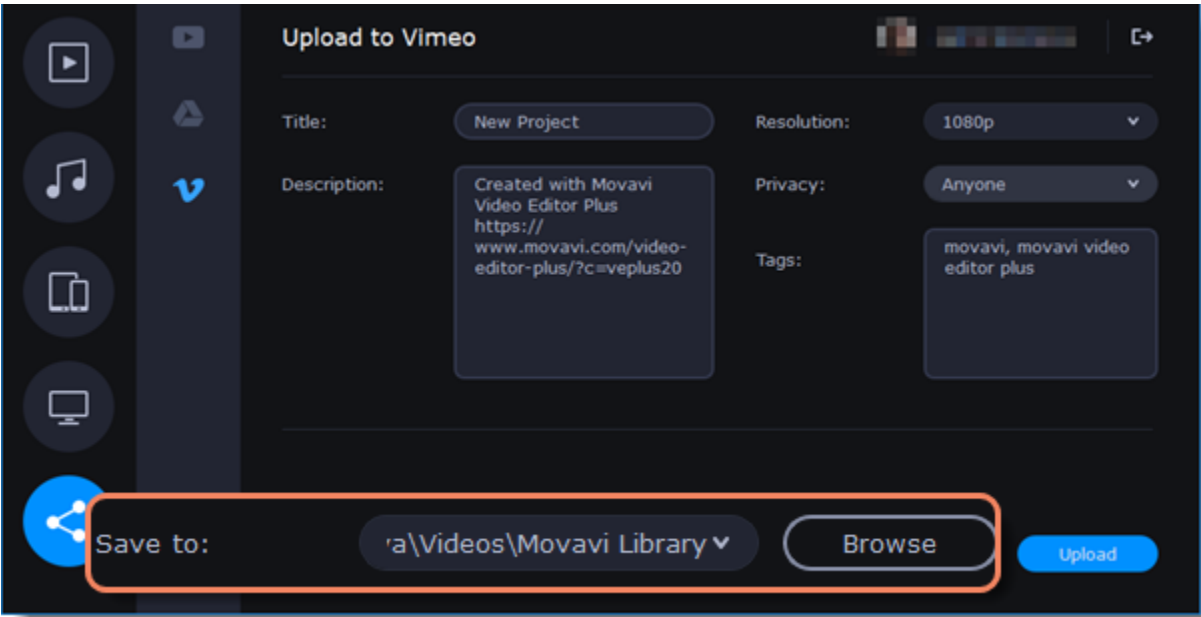
Upload to Vimeo

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.



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.

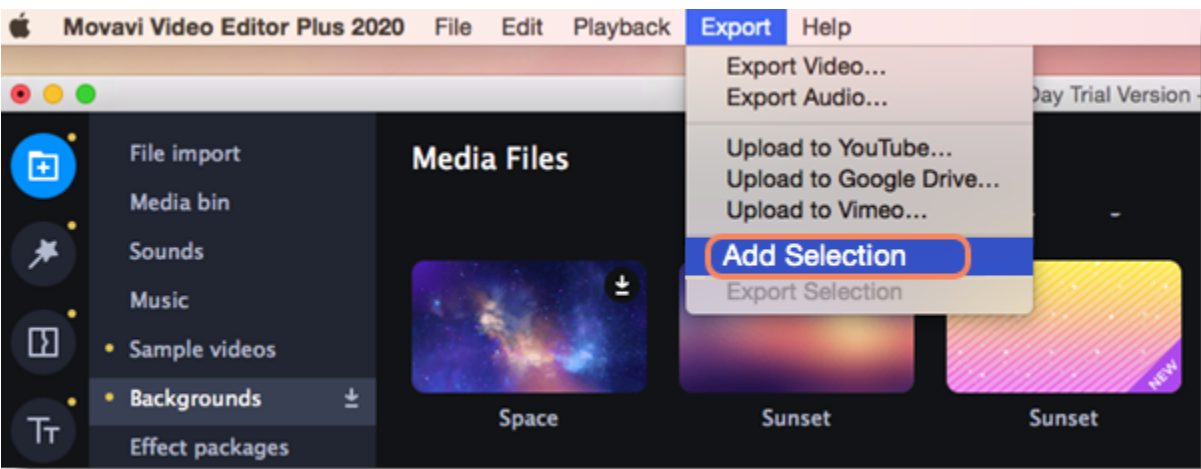


Partial project export

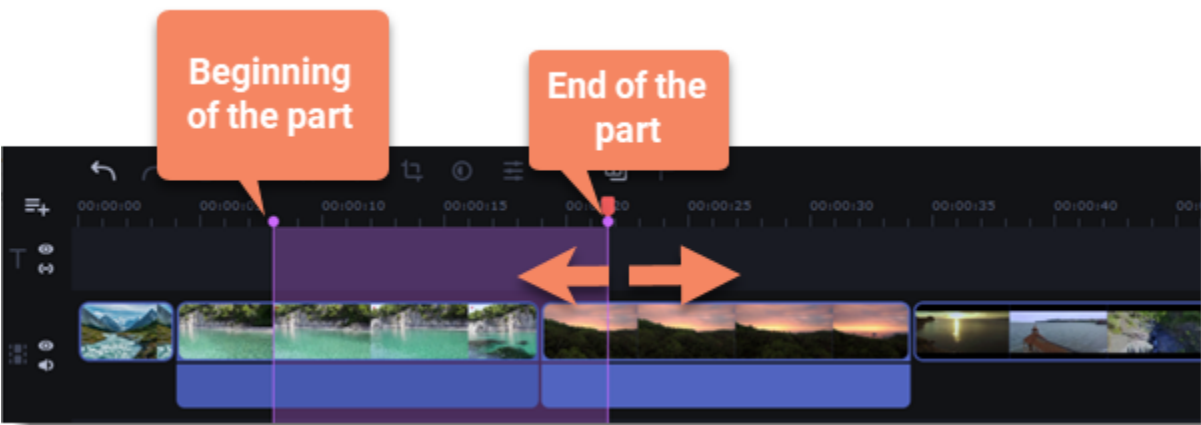
Edit and save different parts of the project separately using partial project export.

Adding and editing a selection

1. To select a part of a project, first add the selection to the Timeline. To add the selection, place the position marker at the beginning of the part you want to export and then click **Add Selection** from the **Export** menu.

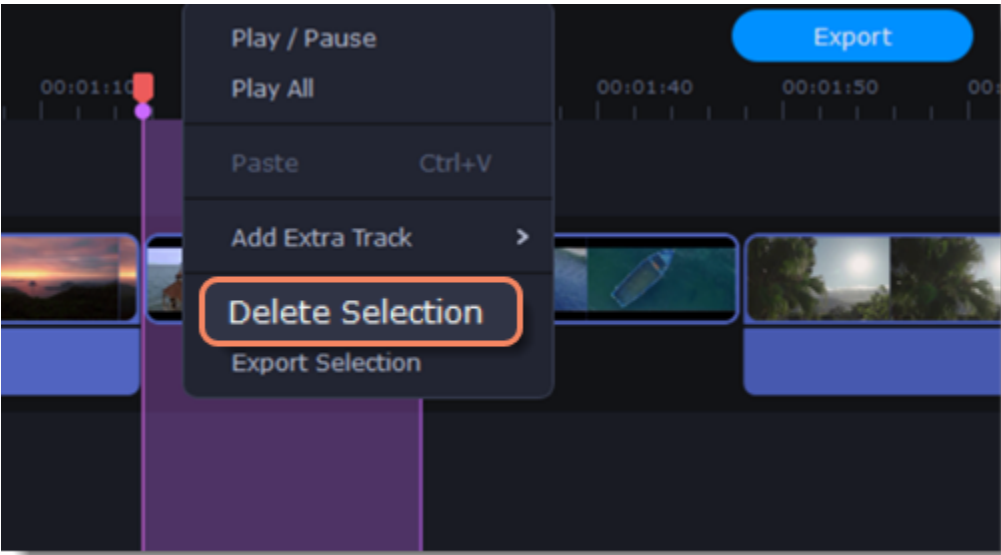


2. To edit the size of the part, move the position markers by clicking and dragging their round parts.



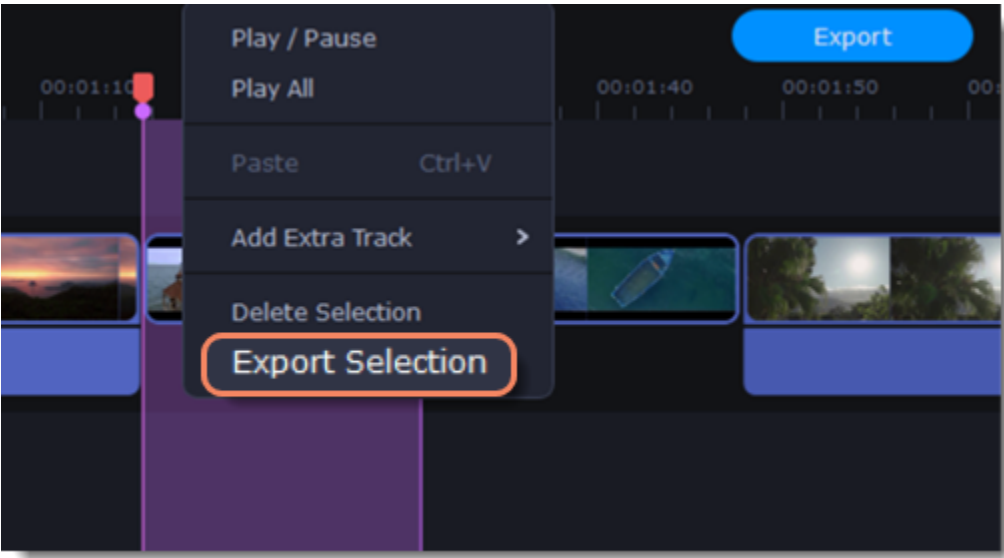
Deleting a selection

To delete a selection, right-click on the selected area and select **Delete Selection** from the context menu.

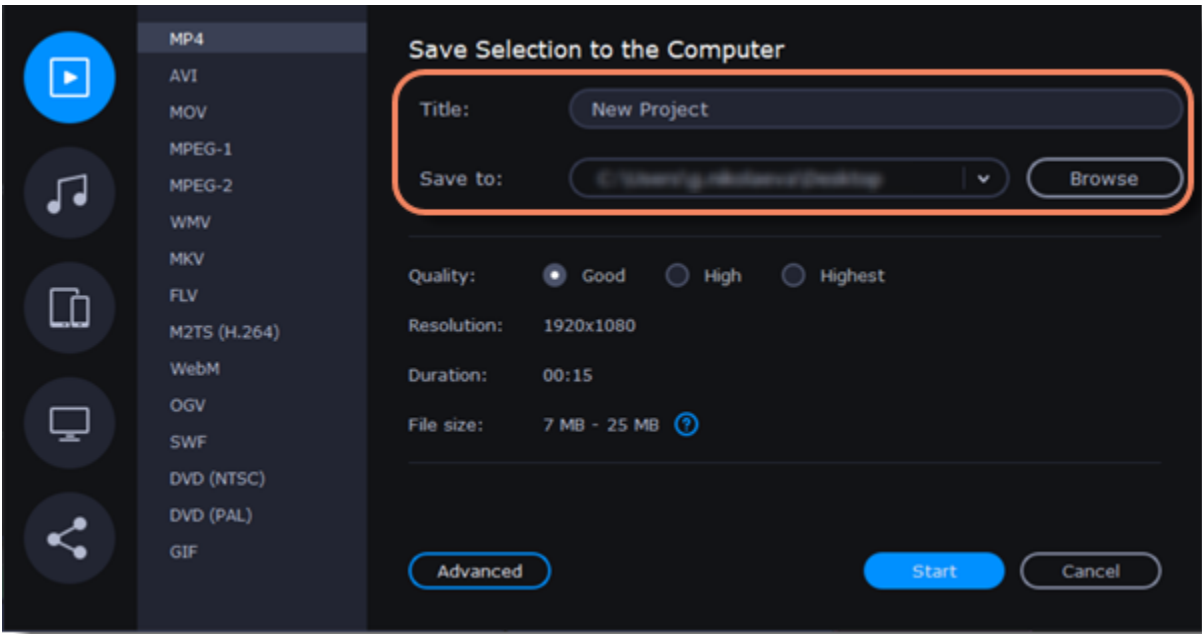


Exporting the selection

1. To export the selection, right-click on the selected area and select **Export Selection** from the context menu.



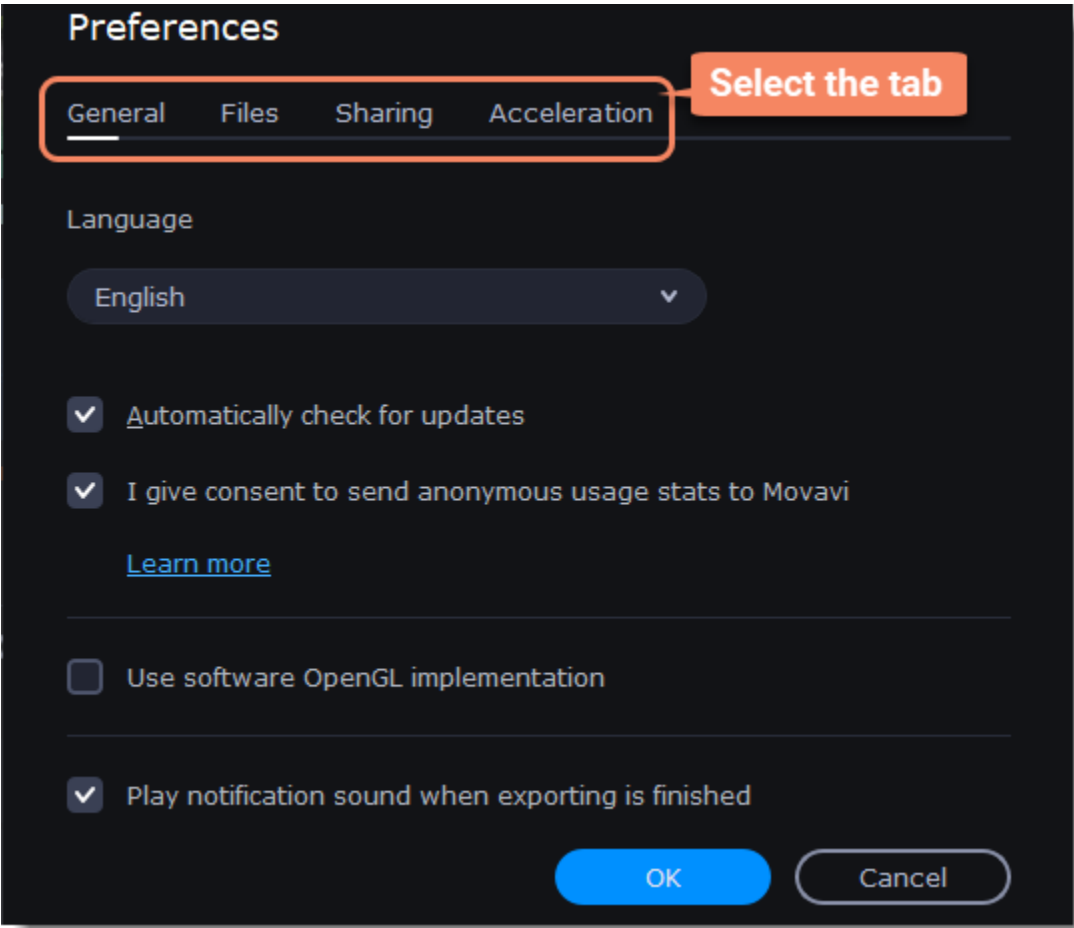
2. In the window that opens, type a name for the project and select the folder where it will be saved. To save the selected area, click **Start**.



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.



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.

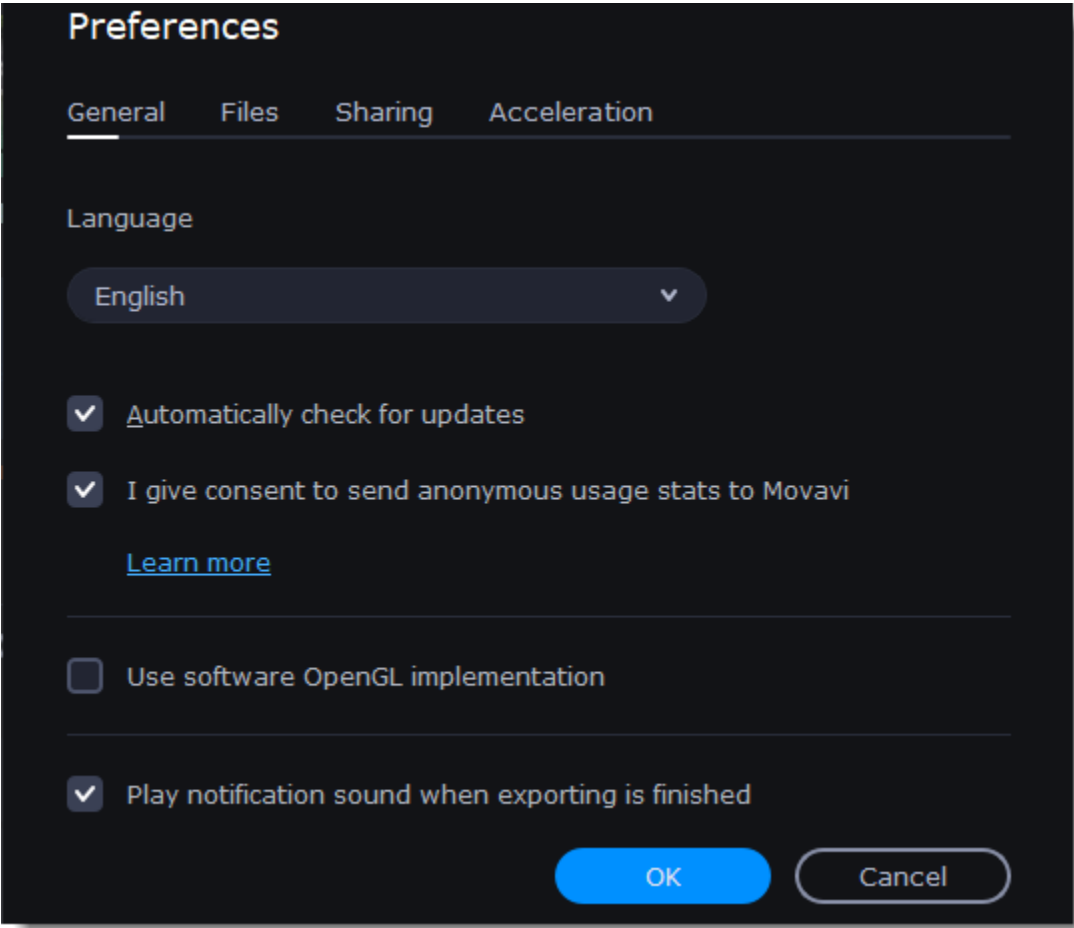
I give consent to send anonymous usage stats to Movavi – check this box to let the program send usage statistics to our development team and help us to fix all the problems in the program much faster. The data contains no personal information, will not be disclosed to third parties and will be used for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




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.

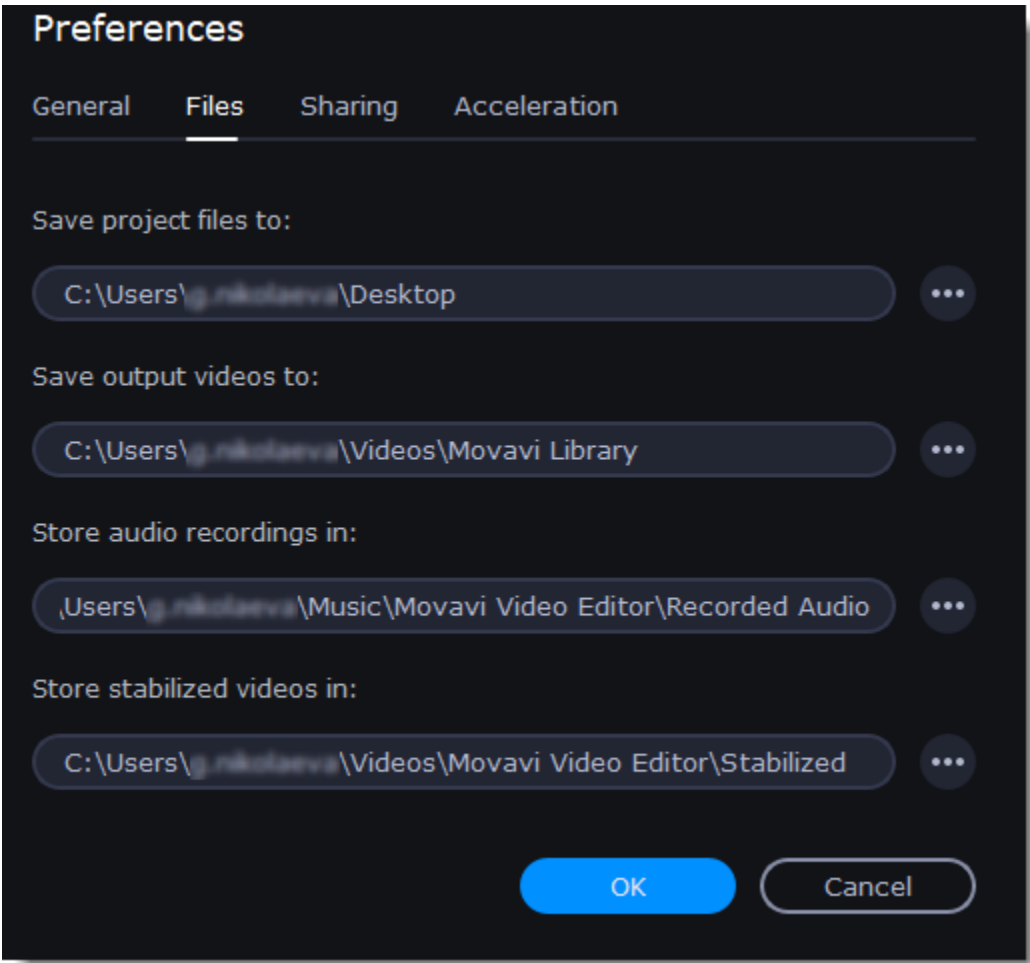
Save output videos to – a folder for exporting media files.

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.

 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.

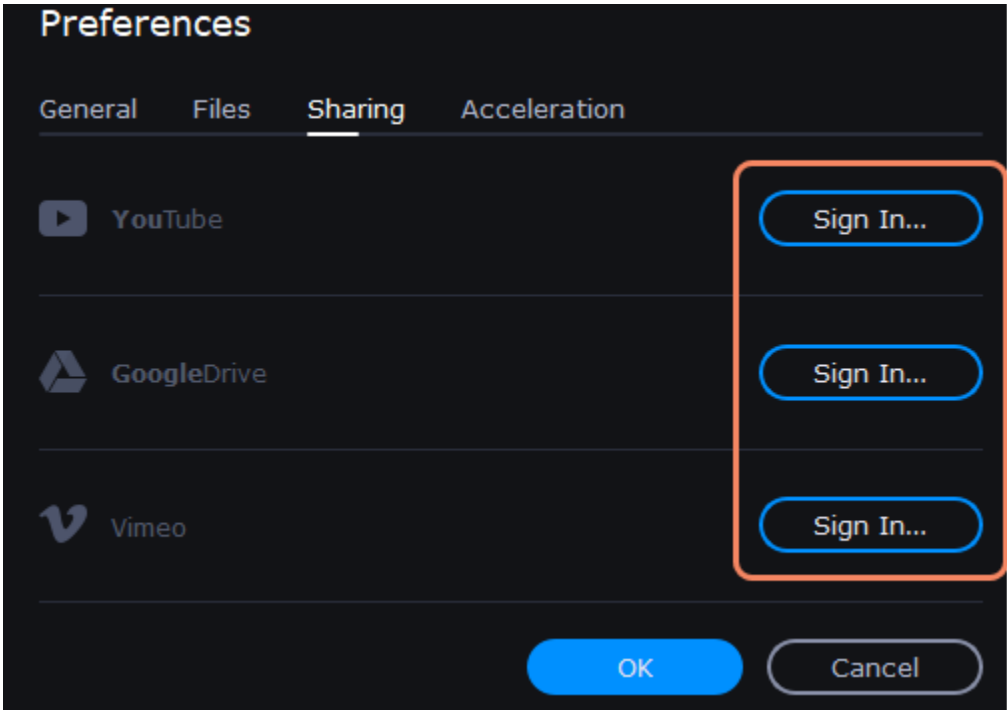
- 1. Click the button with three dots next to the folder you want to change.
- 2. A Windows Explorer dialog box will open. Choose the folder you want to save the files to.
- 3. Click **Select Folder** to use this folder.

Sharing preferences

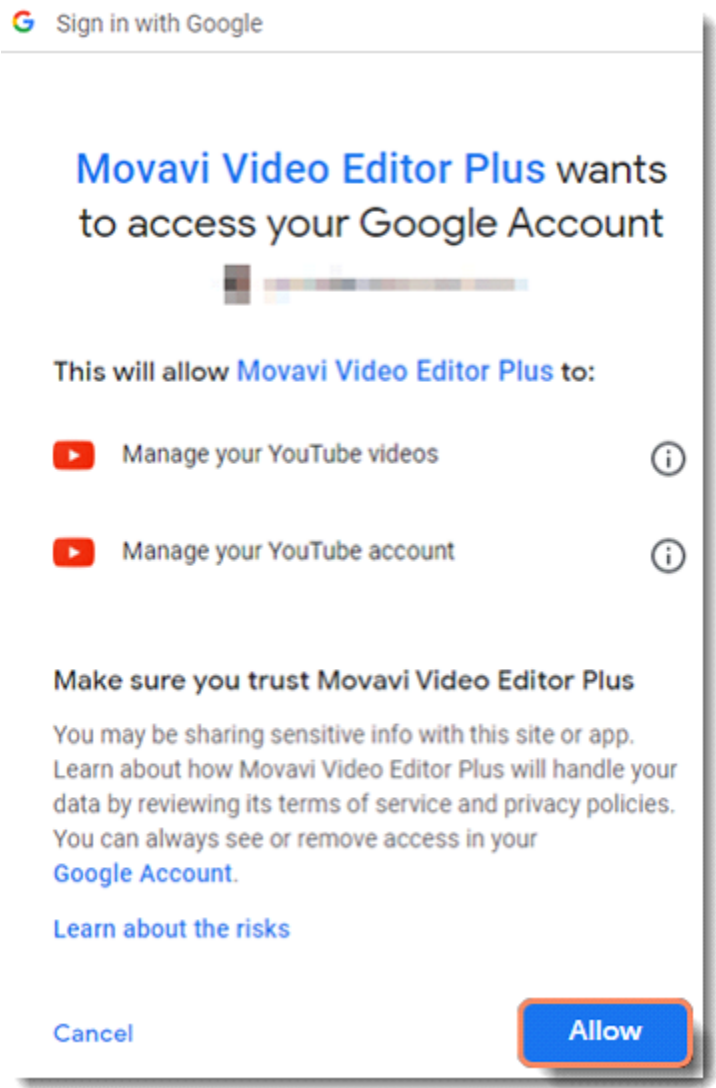
On the **Sharing** tab of the Preferences window, you can manage your social network accounts for uploading videos.

To sign in:

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

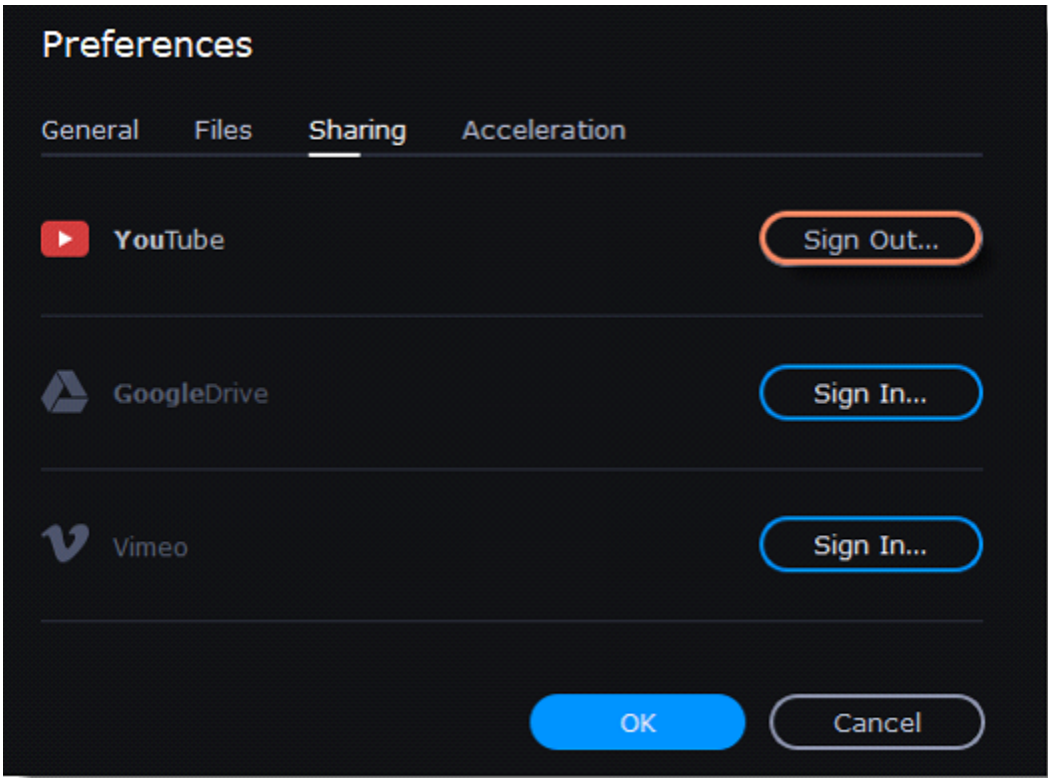


- 2. Sign in to your account.
- 3. On the next page, allow Movavi Video Editor Plus to upload videos to your account.



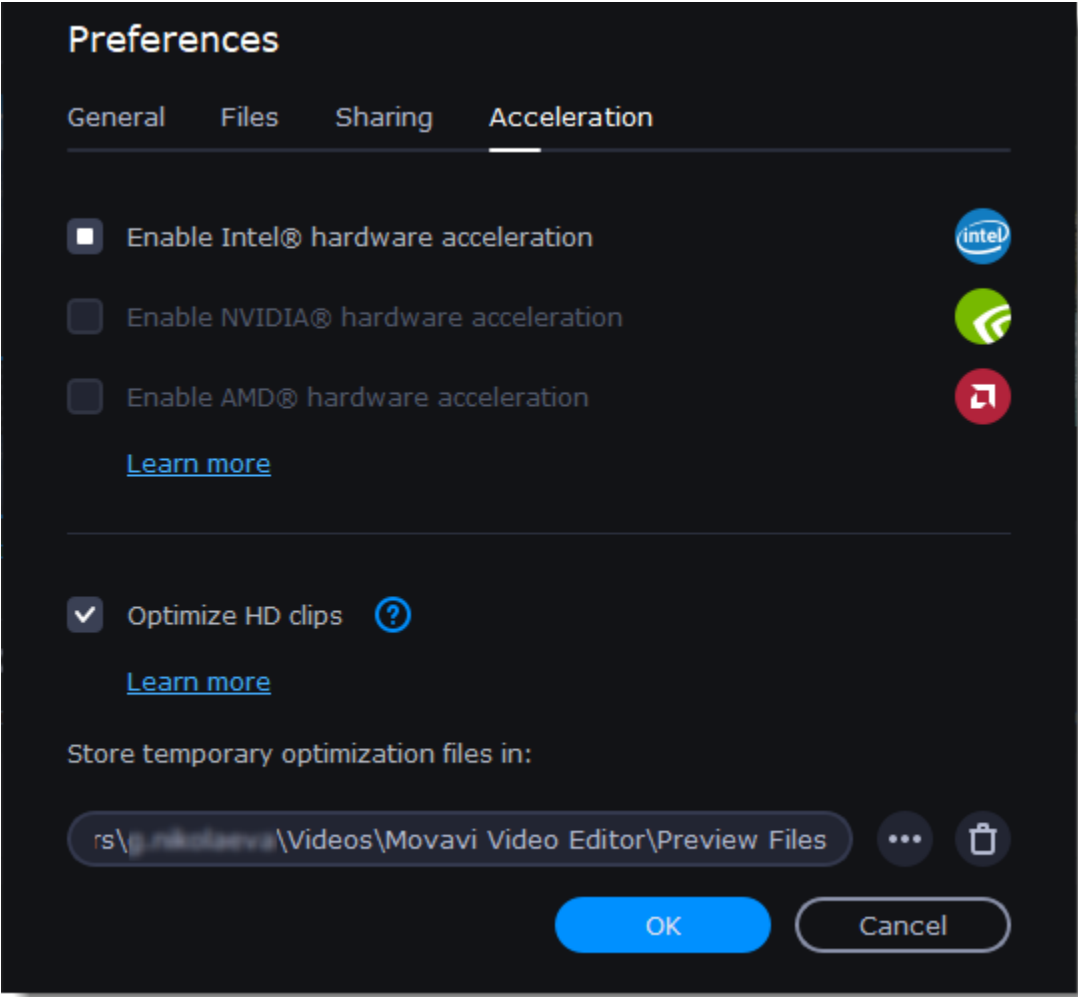
4. Return to Movavi Video Editor Plus. Your name will be shown in the Preferences window.

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



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: [NVIDIA NVENC supported GPUs](#).

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.

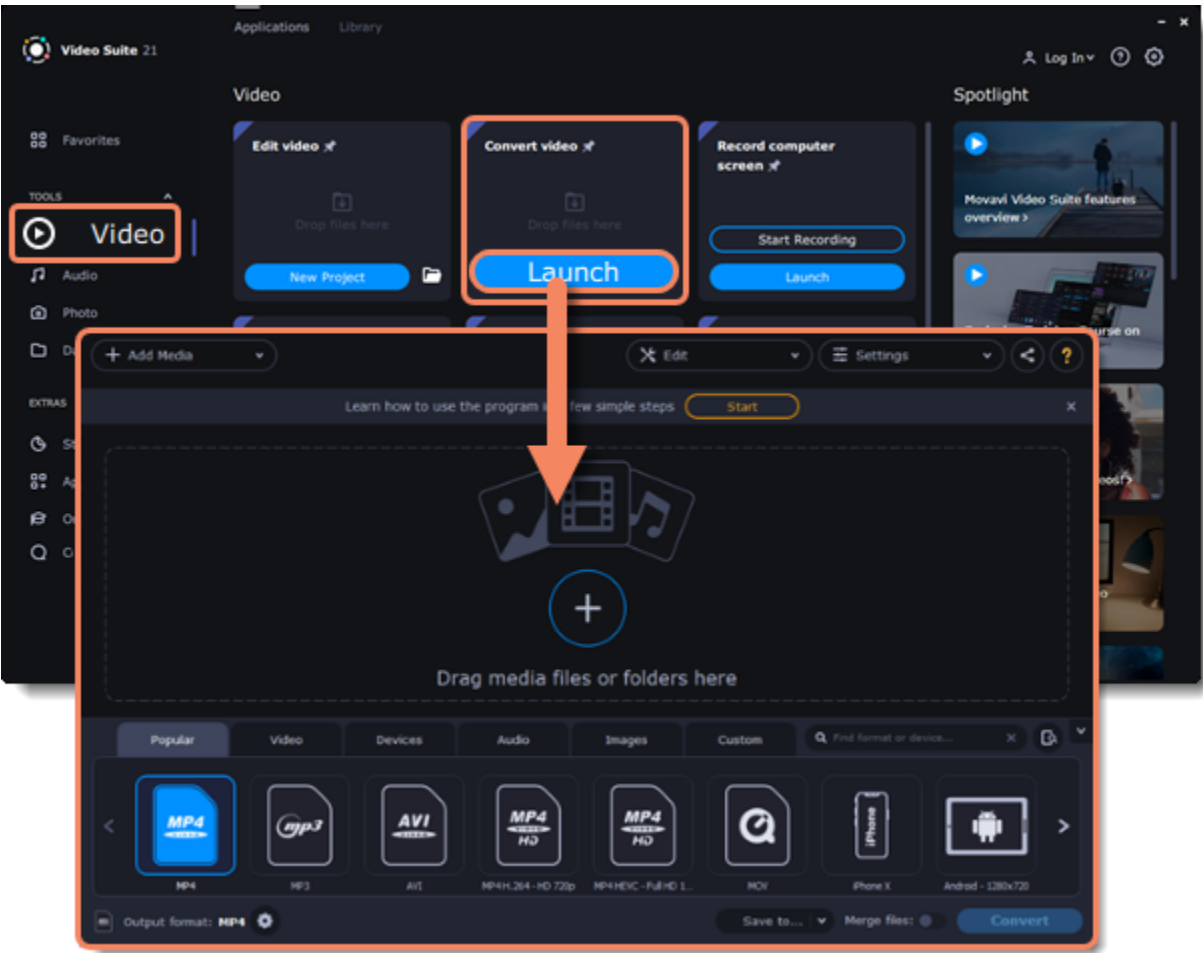
Troubleshooting

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

Using the 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.



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 3: Choose an output format

Select the format you want to convert the files to.

Step 2: Add files

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

Step 4: Edit and choose conversion options

Make changes to the files before conversion.

- [Audio tracks](#)
- [Subtitle tracks](#)
- [Reduce size](#)

Step 5: Choose the output folder

Select the folder where the newly converted videos will be stored.

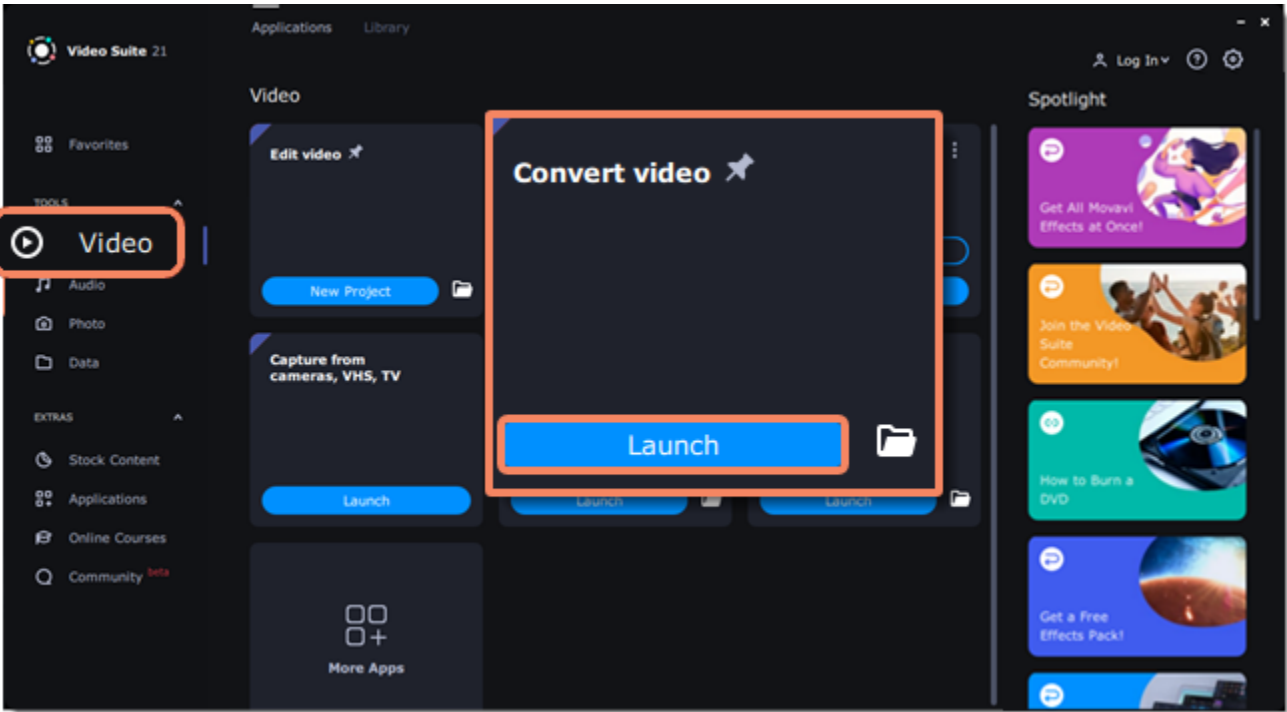
Step 6: Convert!

Click the **Convert** button to start processing the files.

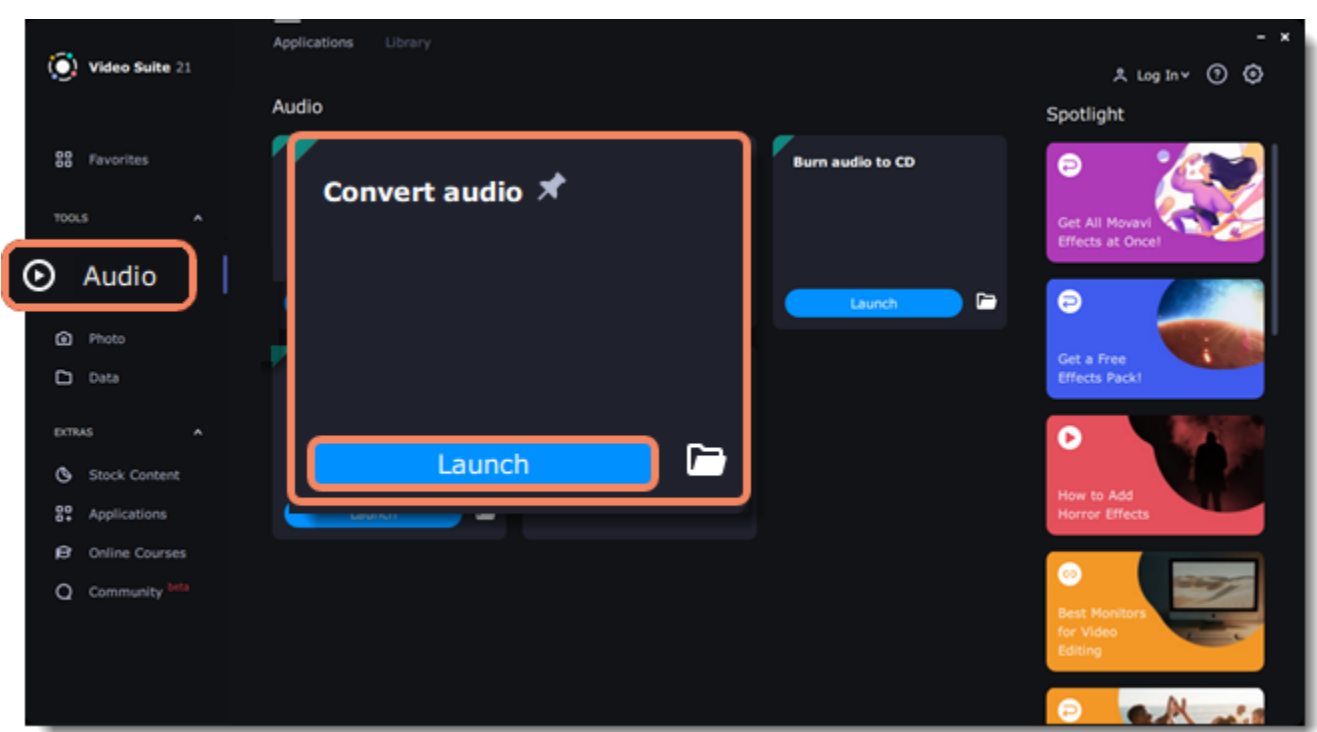
Launch the converter

To launch the conversion app:

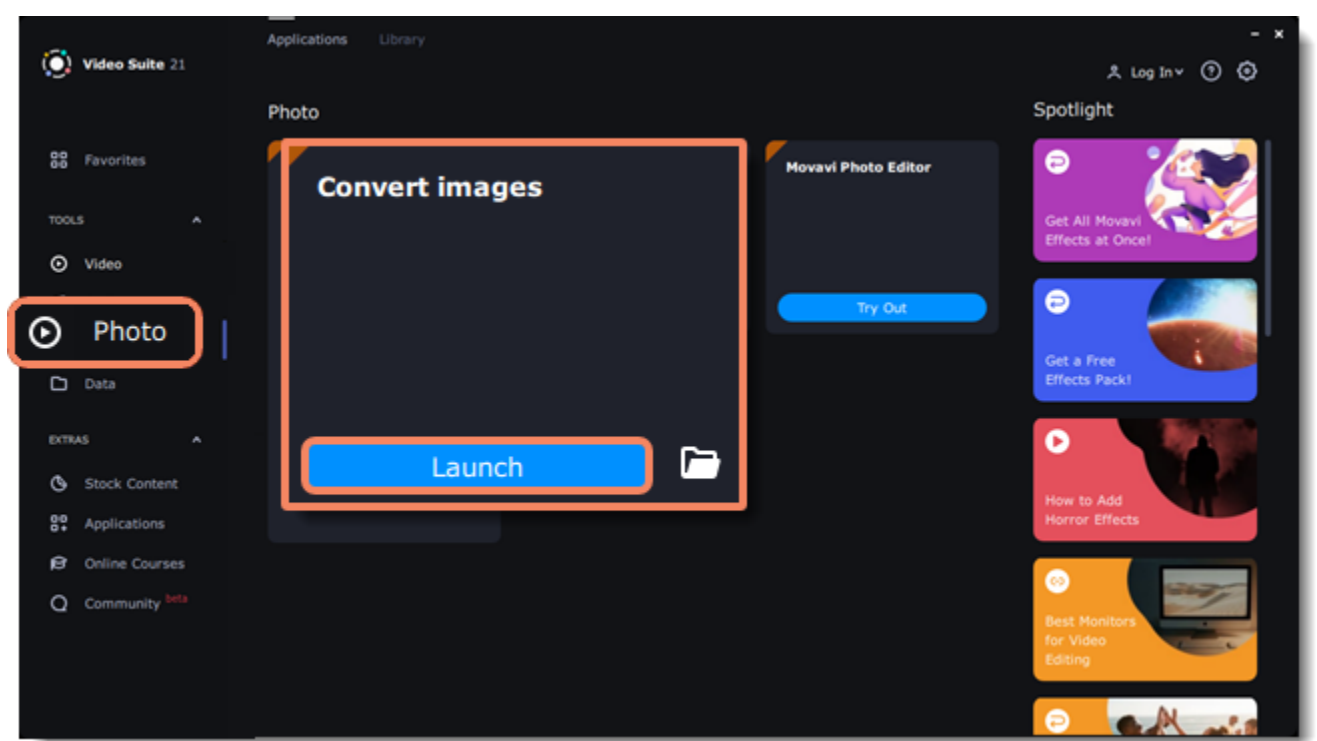
In the Movavi Video Suite launcher, click **Video** on the **Tools**. Then click **Launch** on the **Convert video** tab.



In the Movavi Video Suite launcher, click **Audio** on the **Tools**. Then click **Launch** on the **Convert audio** tab.



In the Movavi Video Suite launcher, click **Photo** on the **Tools**. Then click **Launch** on the **Convert images** tab.

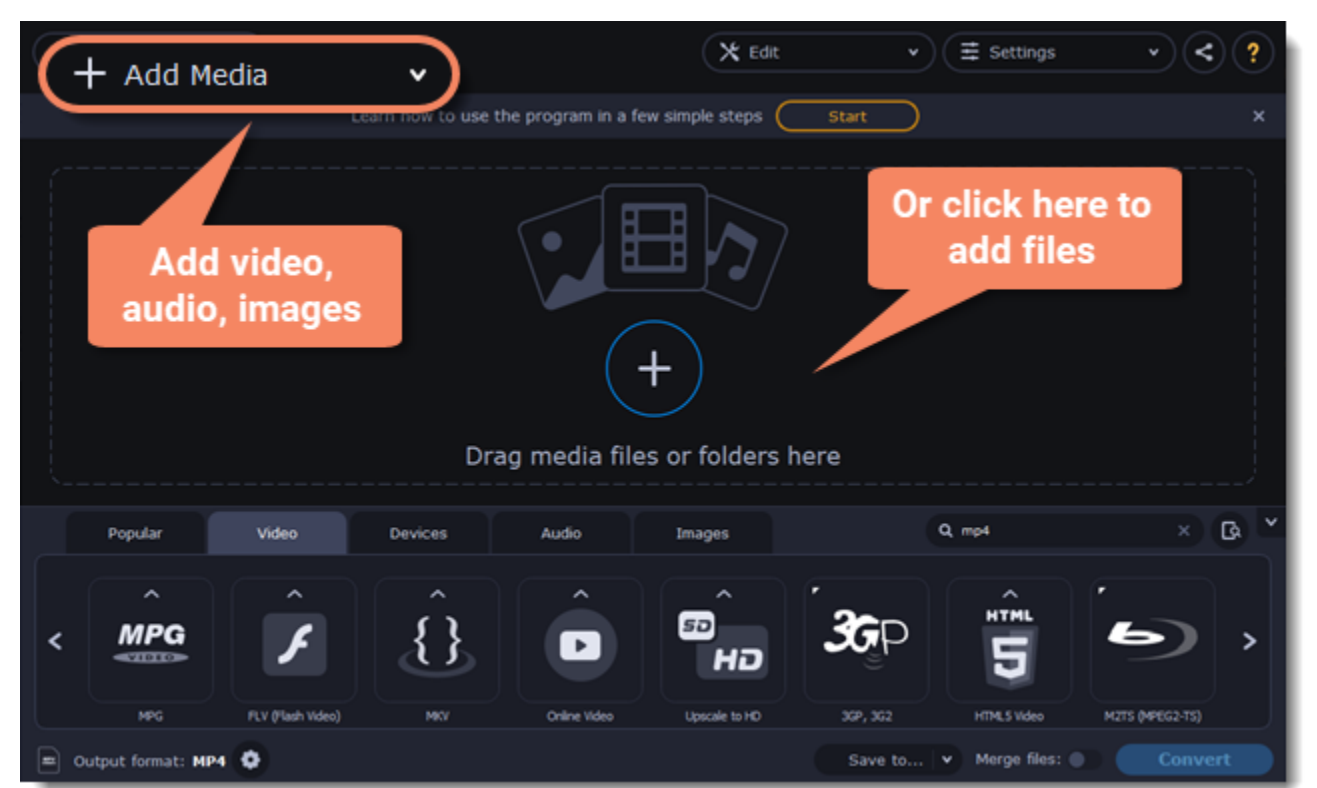


Converting media files

Open files

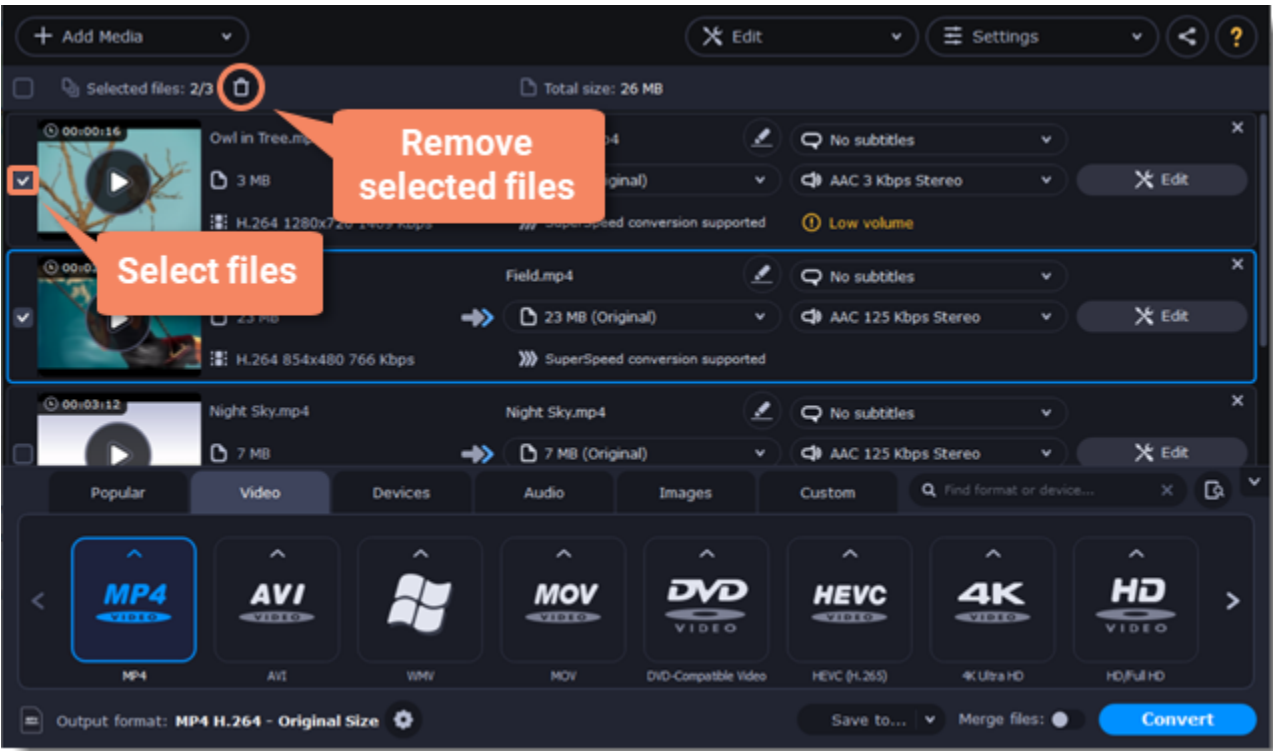
1. Click the **Add Media** button at the top and choose the desired type of file.
2. A **Explorer** dialog box will open. Select the files you want to convert.
3. Click **Open**. The files will now be added to the file list.
4. Or drag and drop files into the program or click in the center of the main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

[Opening media](#)



Select files

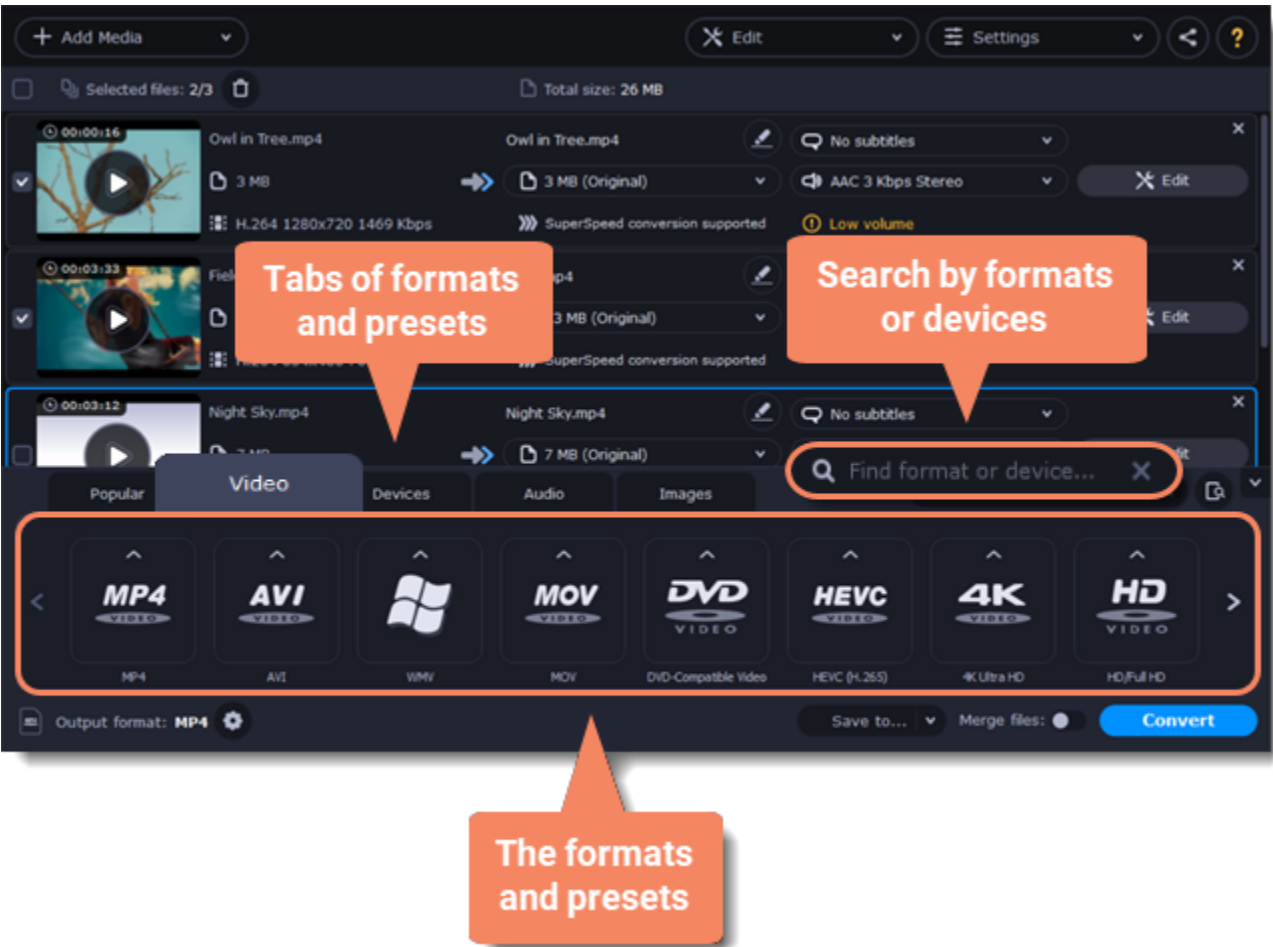
Check the files you want to convert. You can remove converted files after they're done. To do it, click a trash can near to **Selected files**.



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.

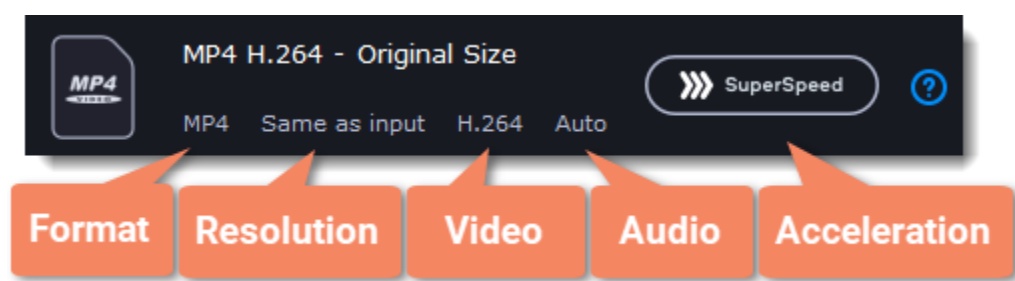
- 1. Click the desired tab, **Video**, for example.
- 2. Click the format you want to use. You can also type format or device name into the search field.



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



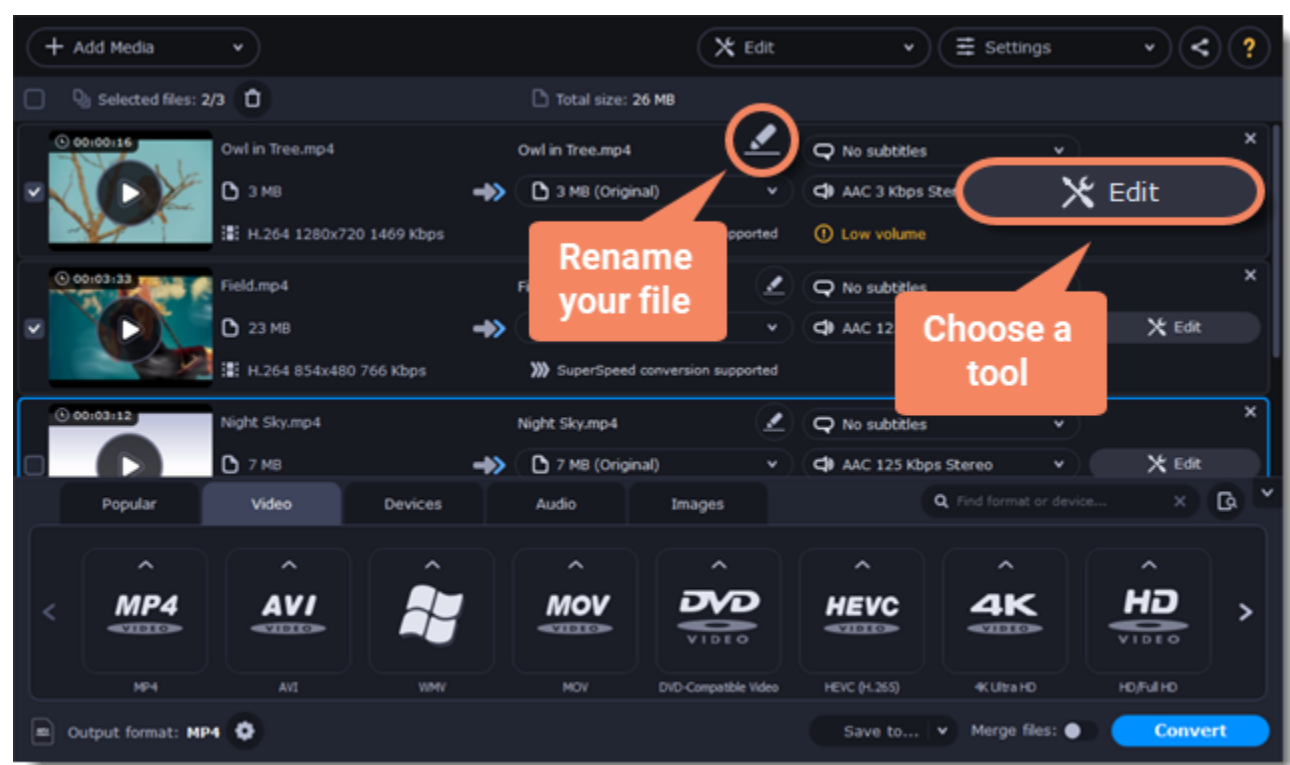
Each preset displays information about the video, audio, and other output parameters that can help you choose the right one. Learn more about file [media streams](#) and [customizing presets](#).



Edit and rename the file

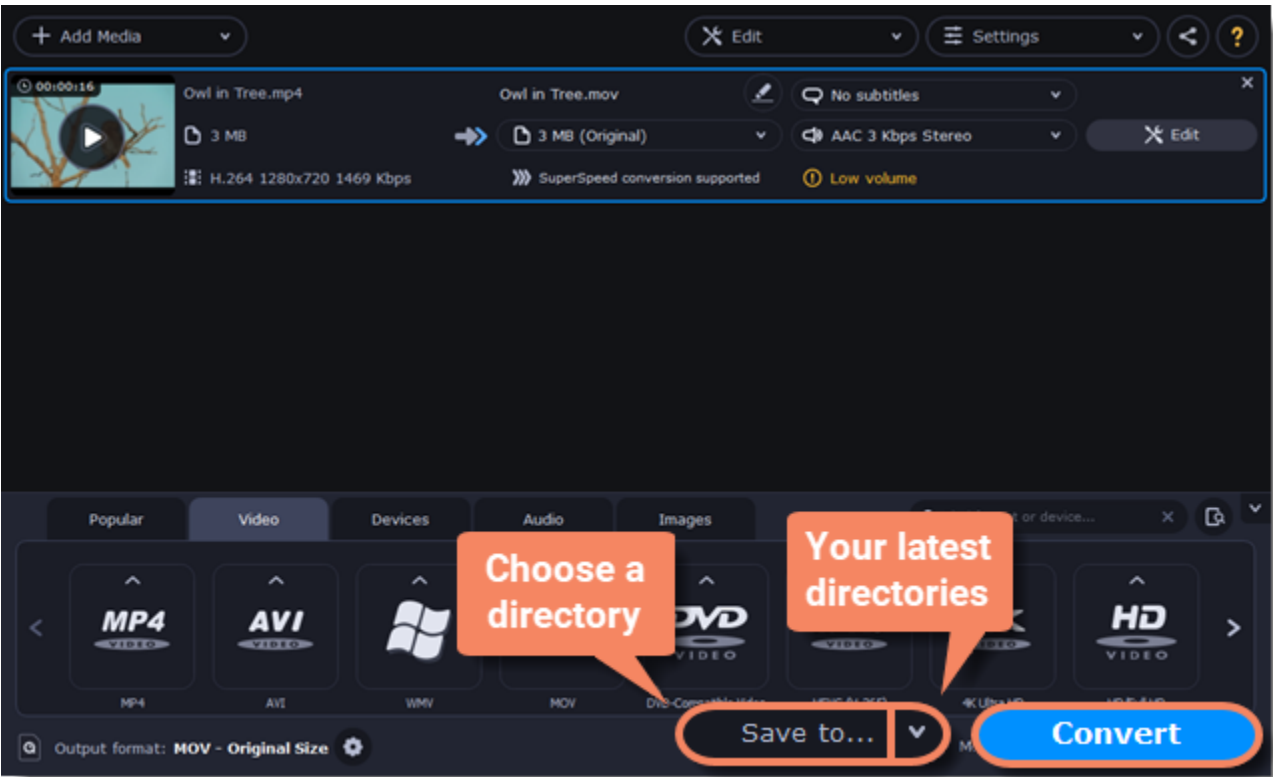
- If you want to edit one of the videos, click the **Edit** button next to it to open the Editor window.
- To rename the file, click the pencil icon next to the output file name and enter the new one into the **Output file name** box. Then, click **OK** to accept.

[Learn more about Editing files](#)



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.

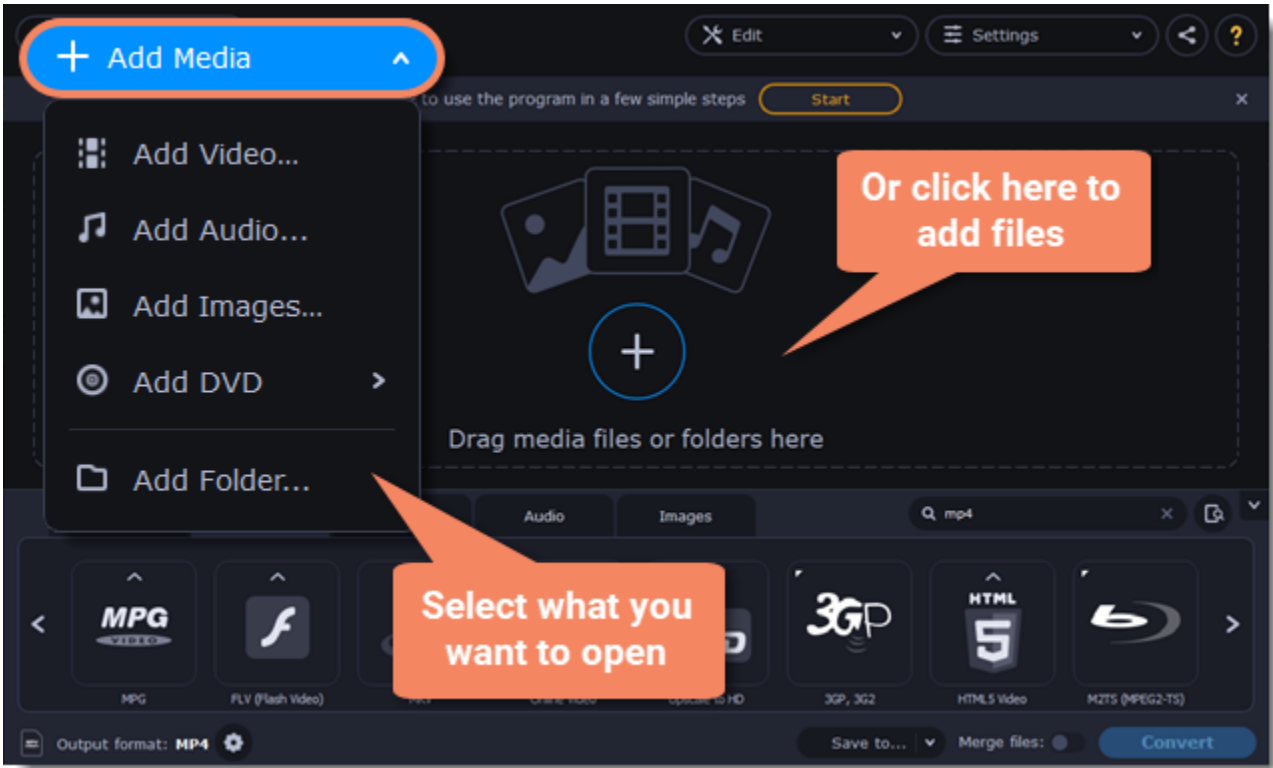


Opening media

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

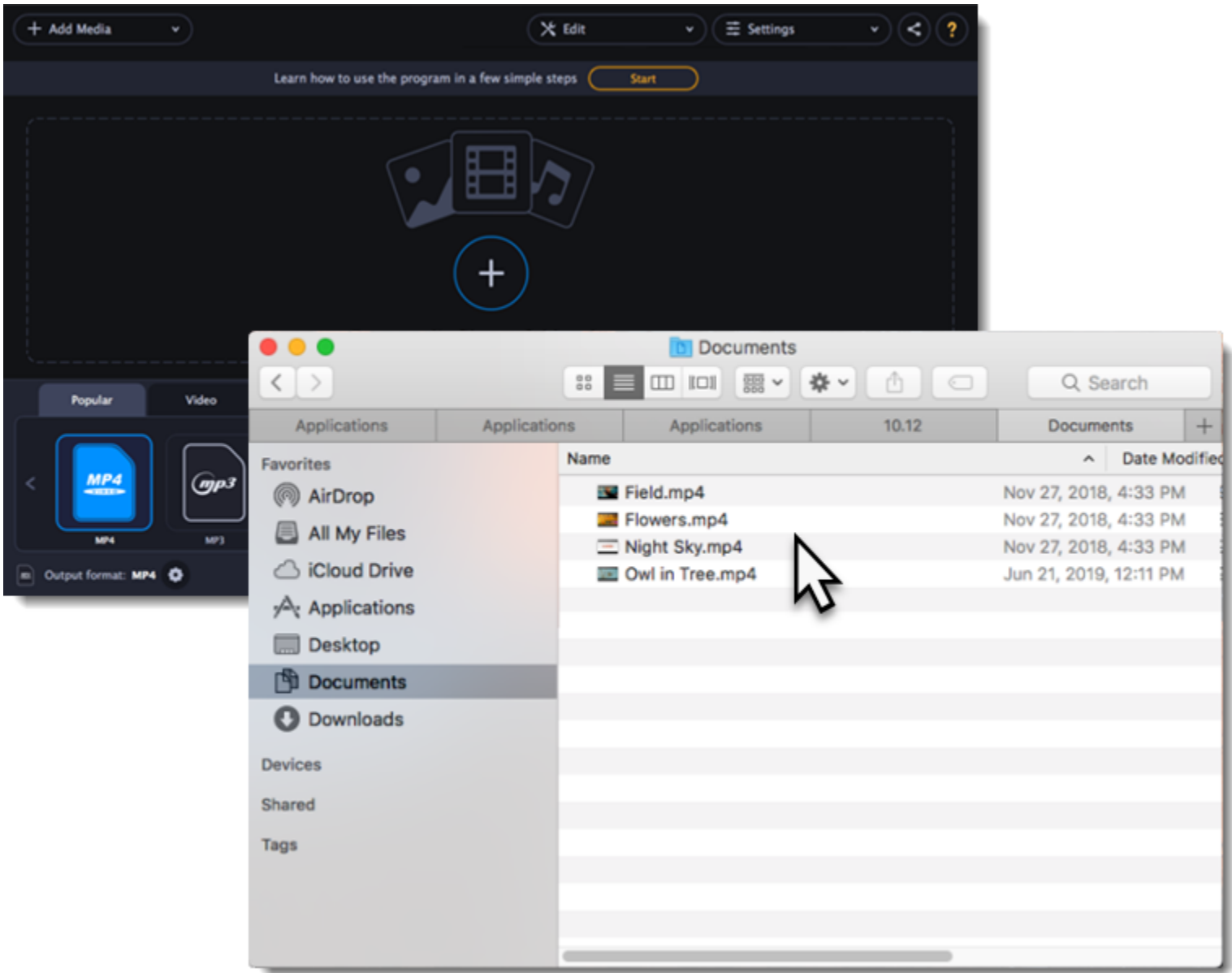
Add media

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.



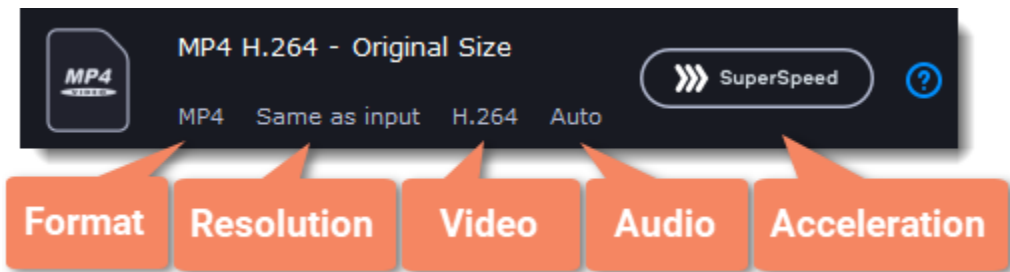
Choosing output format

After you've [added media files](#), 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.

1. In the lower half of the window, click the desired tab to see a list of formats. *For example, Video*
 2. Click the format that you want to convert the files to. A list of presets for this format will appear. *For example, MOV*
 3. 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.



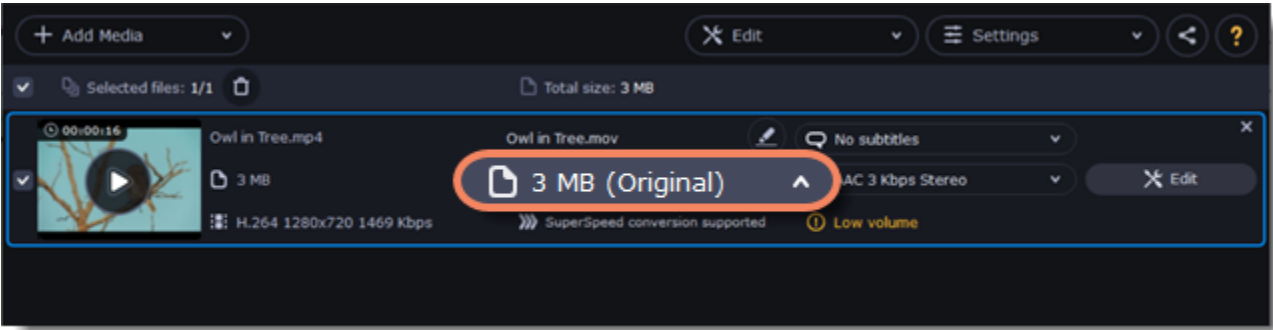
Choosing the resolution

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](#)

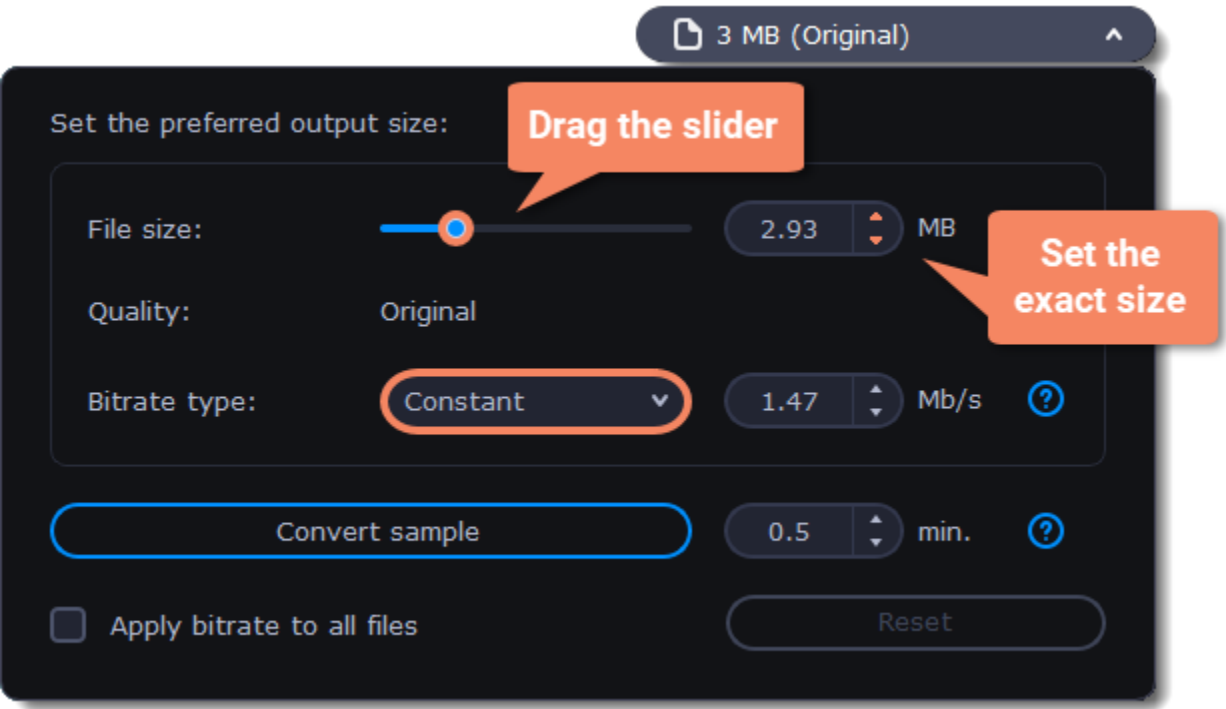
Compress video

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

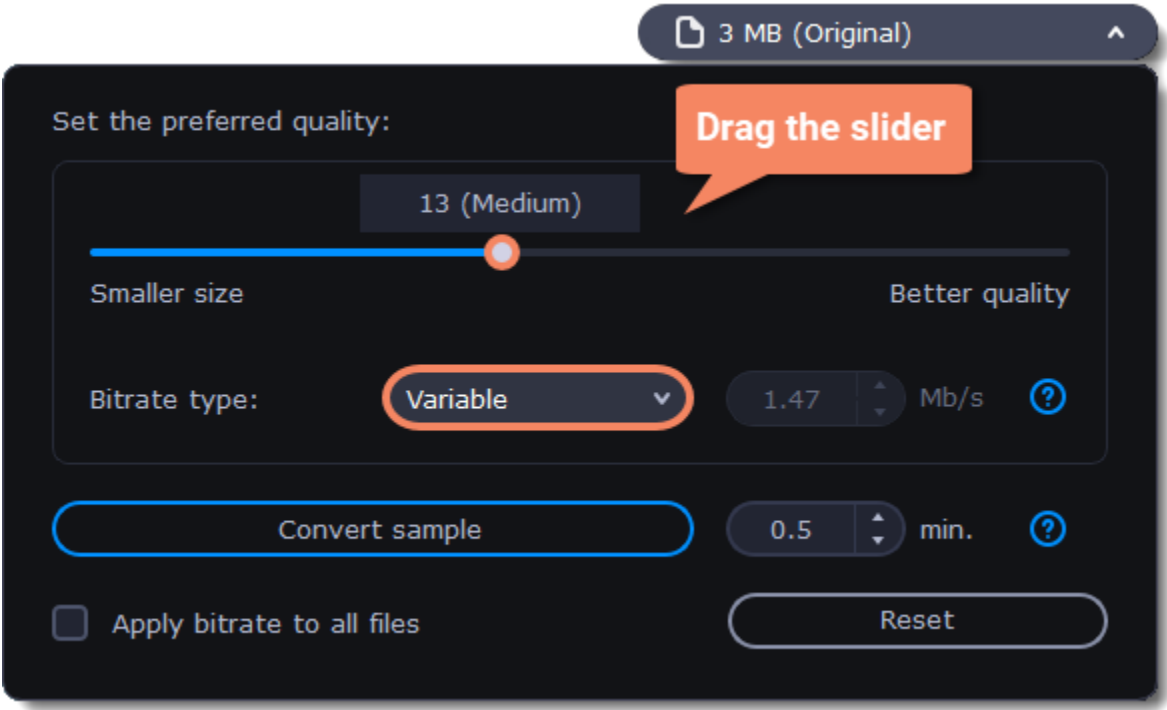


2. Click the file size information to show compression options. There, choose the bitrate type.

Constant bitrate (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.



Variable bitrate (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. 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

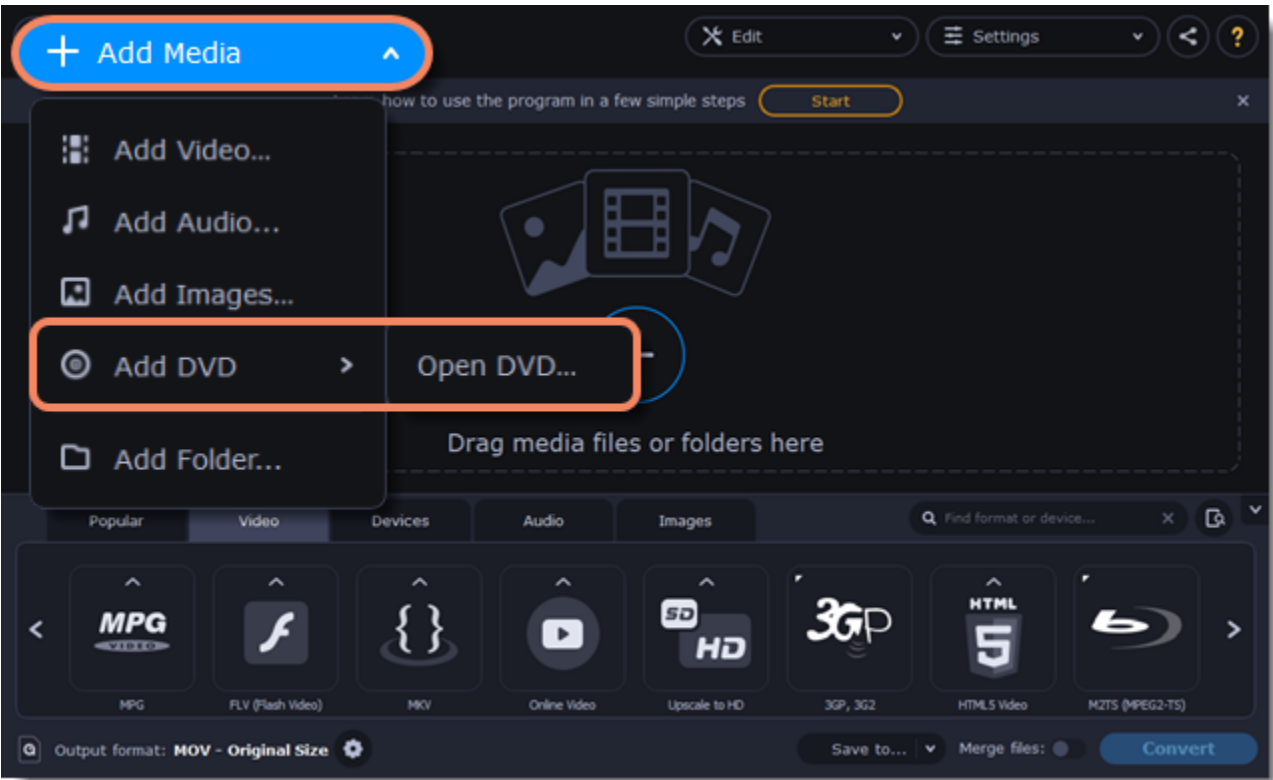
Click **Convert** to start processing the compressed file.

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.



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  icon to the right of the video.

Audio tracks

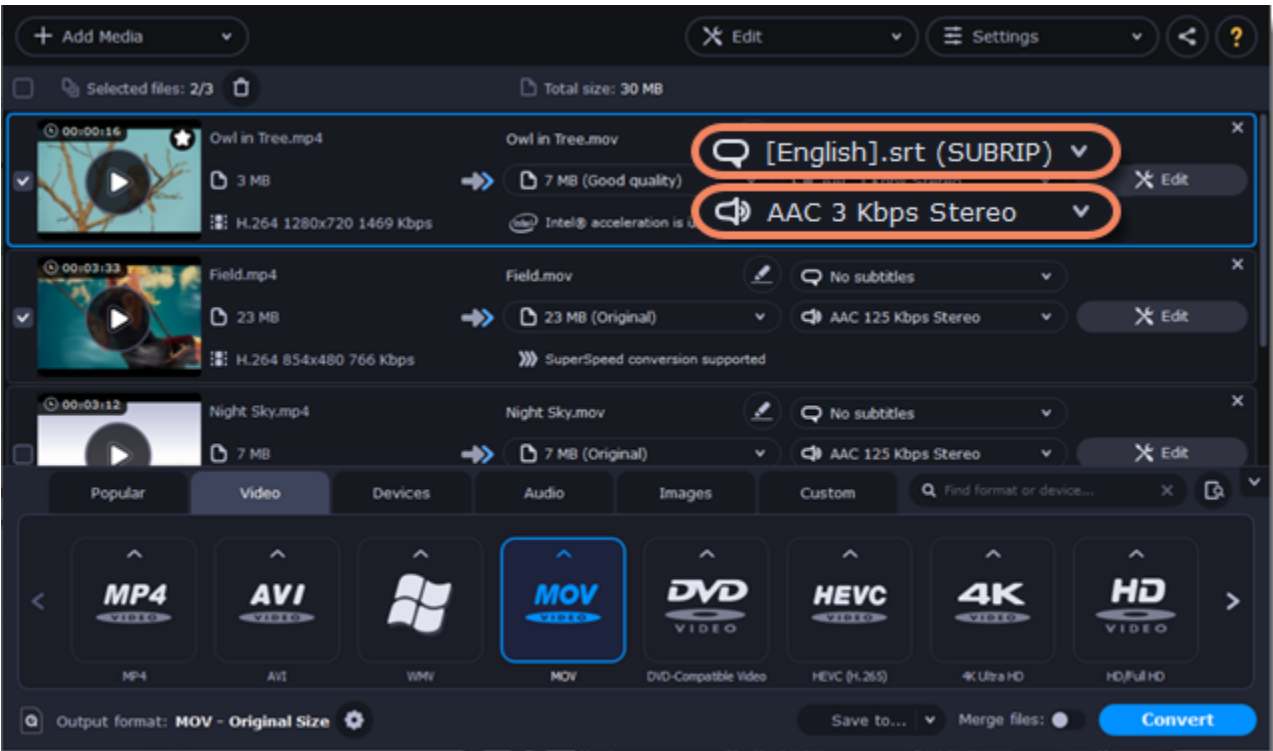
- 1. Find the audio information in the right-hand part of the file list and click on it to open the list of audio tracks.
- 2. Deselect the audio tracks that you don't want to keep.

[Learn more about audio tracks](#)

Subtitles

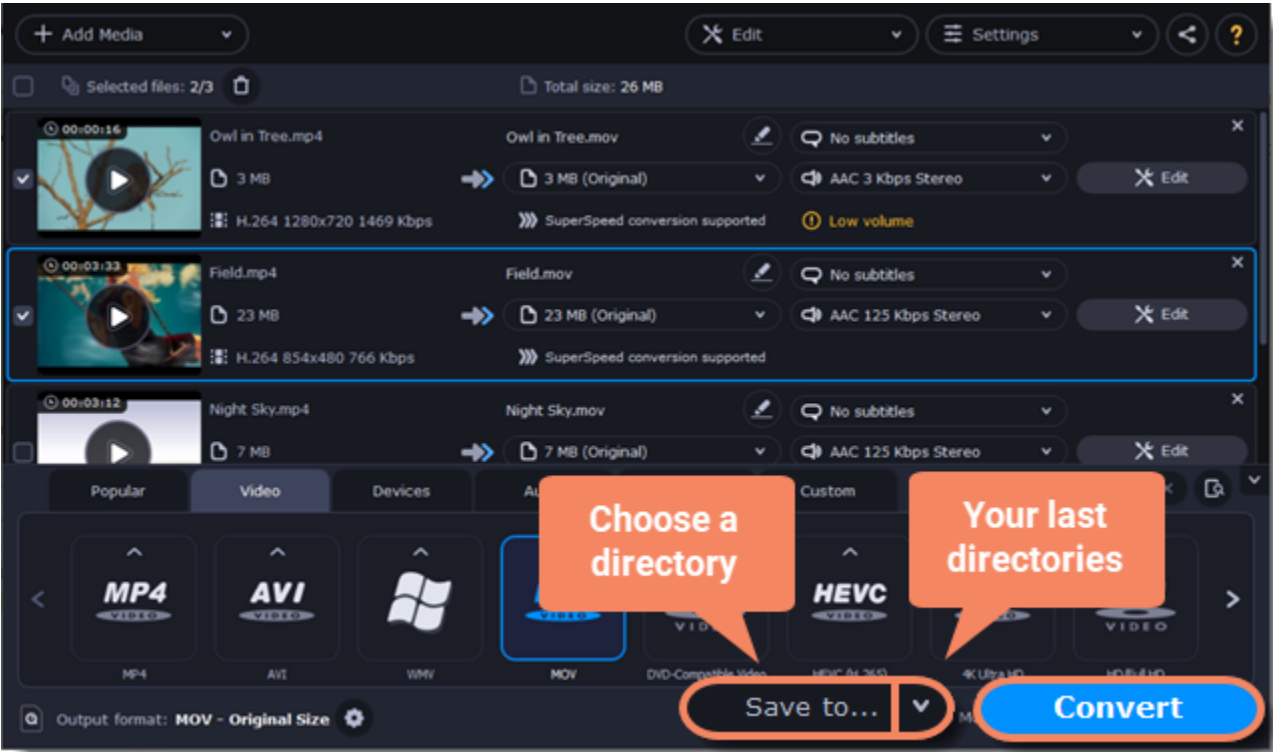
- 1. Find the subtitle information in the right-hand part of the file list and click on it to open a list of available subtitles.
- 2. Choose the subtitle track that you want to keep.

[Learn more about subtitles](#)



Convert

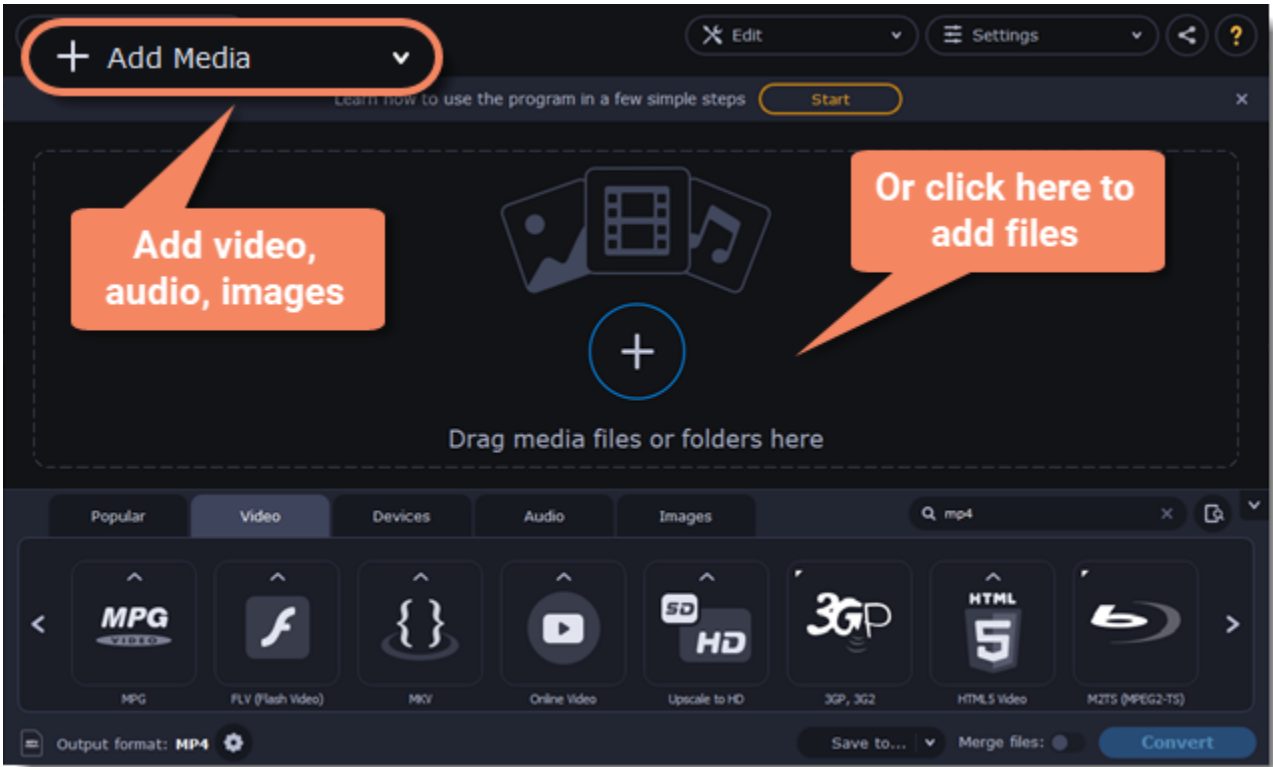
- At the bottom of the window, click **Save to...** and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.
- Finally, click the **Convert** button to start processing the videos.



Creating GIFs from videos

Open a video

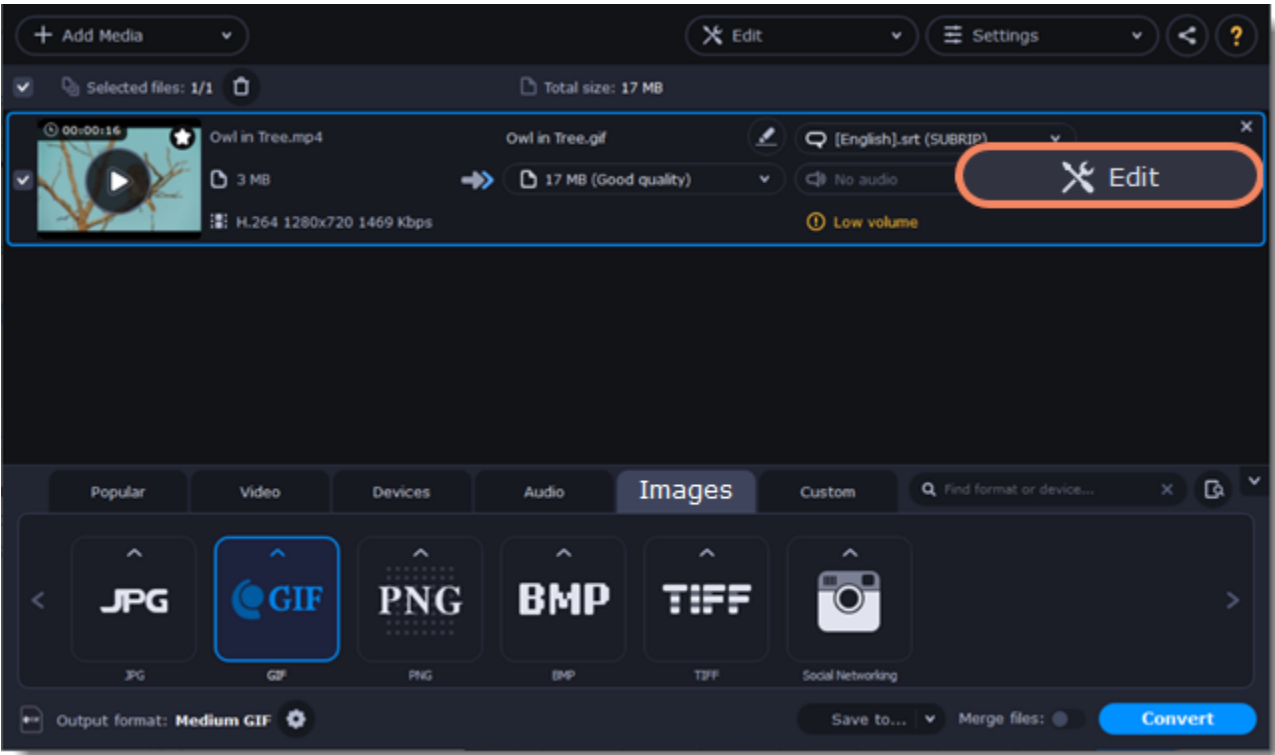
1. Click **Add Media** in the upper left-hand corner of the window and choose **Add Video** from the pop-up menu.
2. Find the video you want to turn into a GIF and click **Open**.



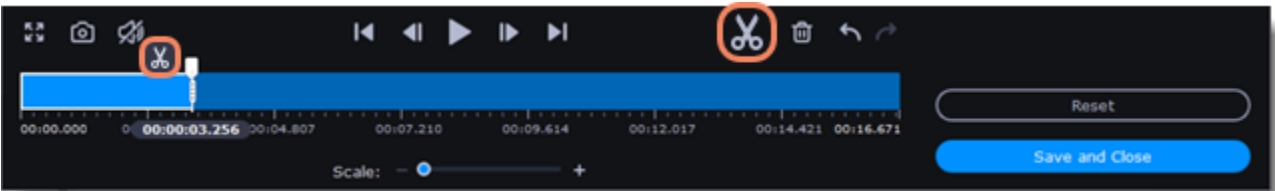
Trim the video

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.



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.



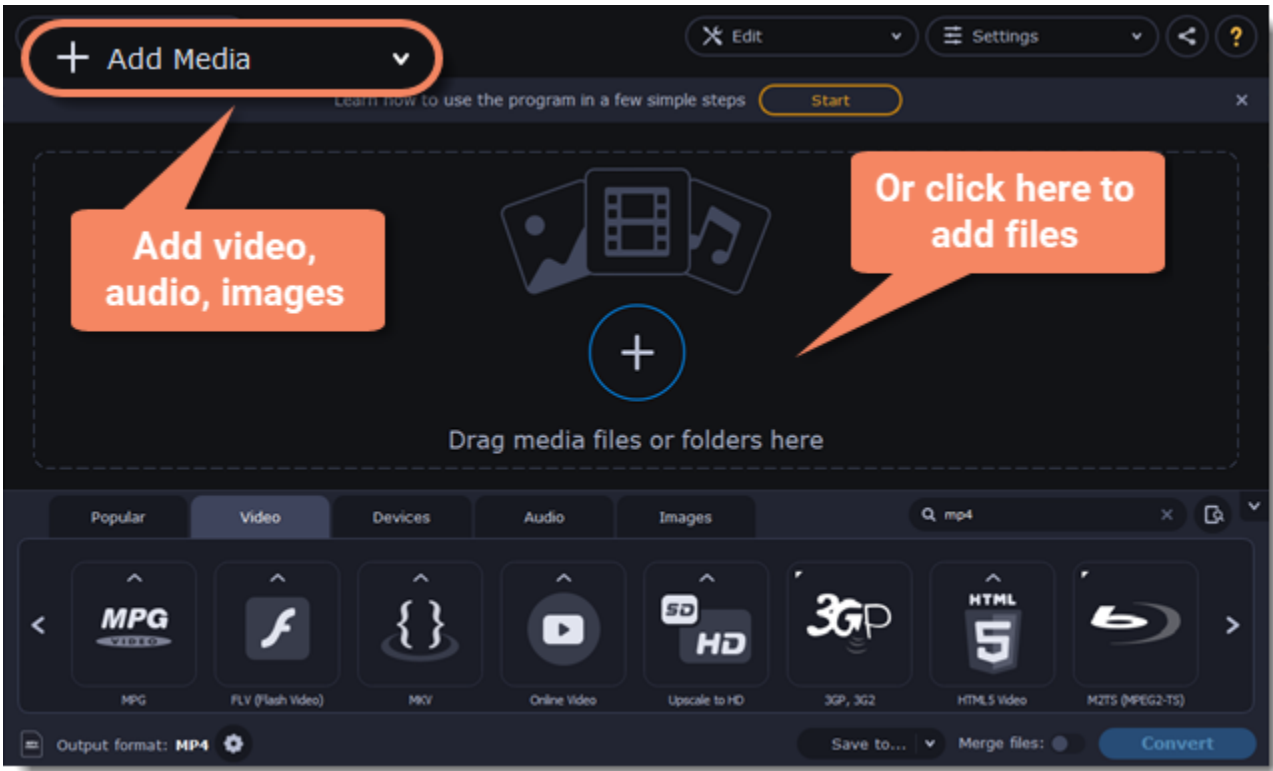
Save the GIF

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

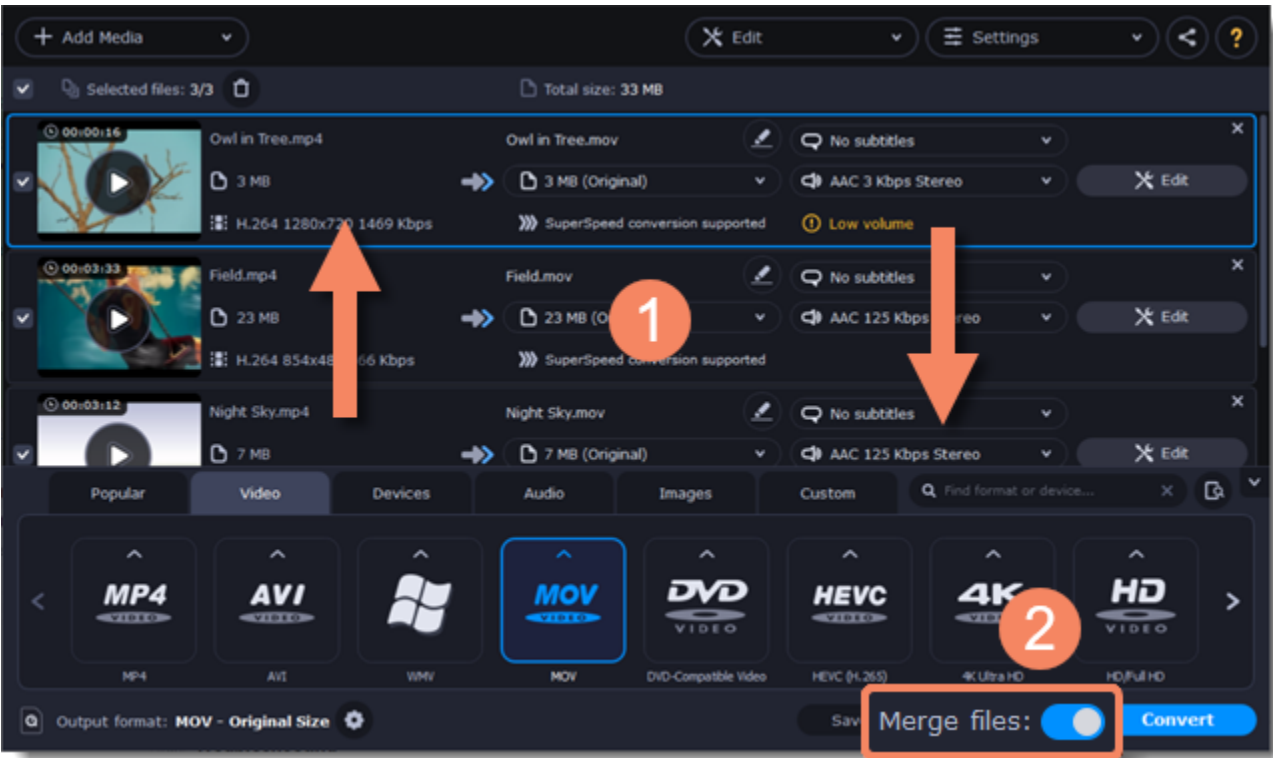
Add files

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

- 1. 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.
- 2. Select the **Merge files** option at the bottom of the window. All the files in the list will now be queued for merging.



Convert

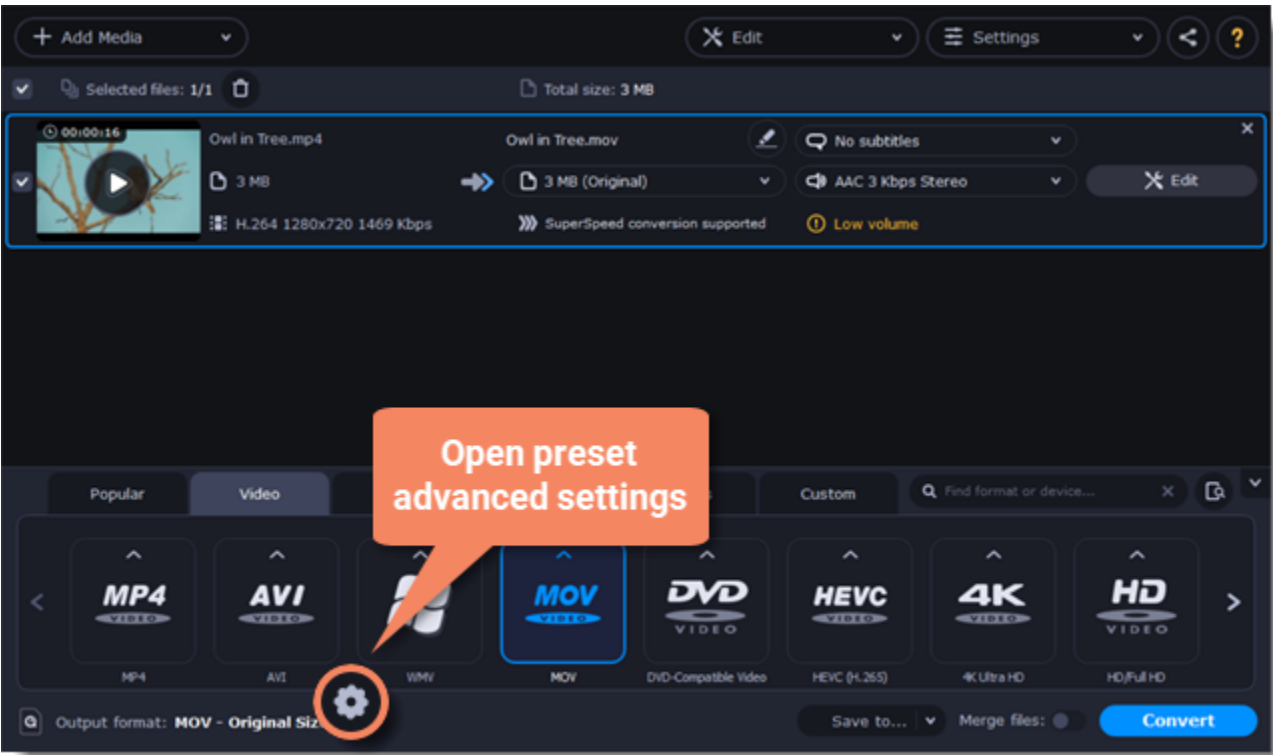
- 1. Select an output format for the new video. **See also:** [Choosing output format](#)
- 2. Click **Save to...** box and choose where to save the output video.
- 3. Click **Convert** to start joining the files.

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:** [Choosing audio tracks](#)

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.



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



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

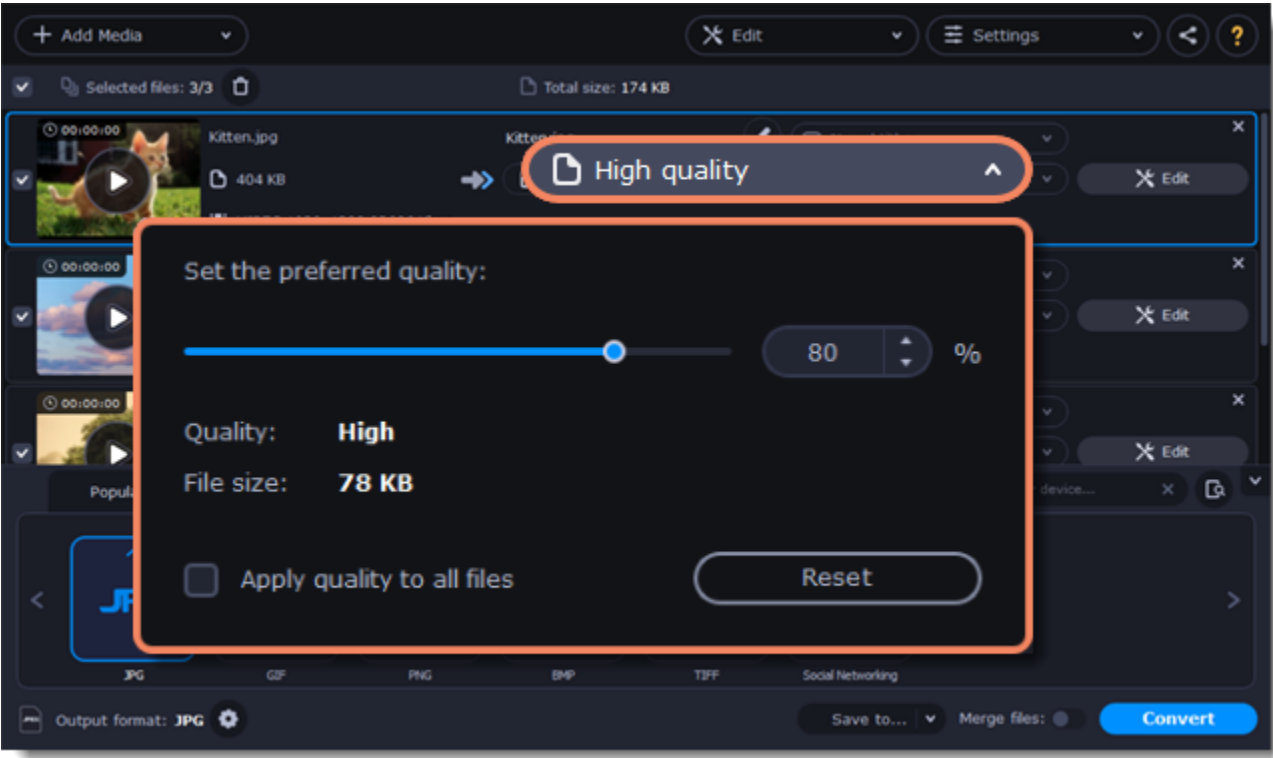
1. In the lower half of the window, click the **Images** tab to see a list of image formats.
2. Click the format you want to use.

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



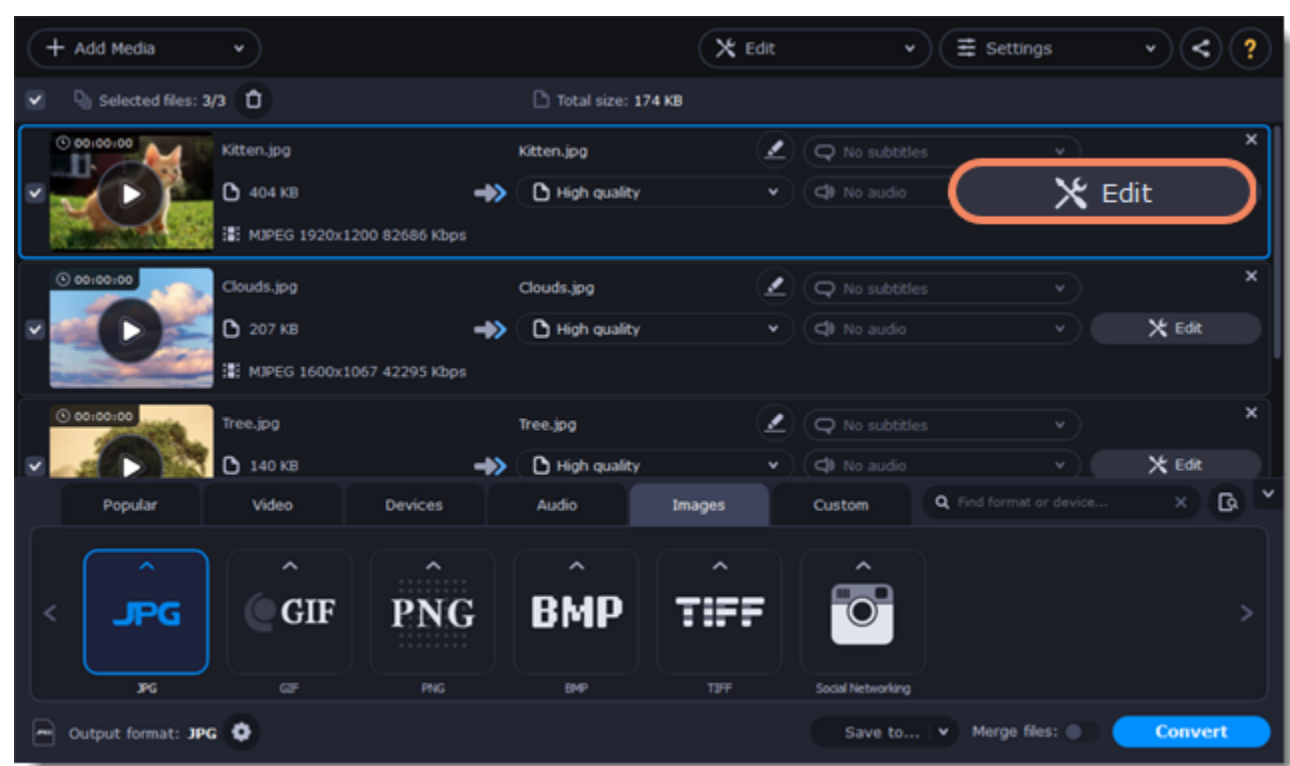
Reduce the file size (converting to JPG only)

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



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.





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.

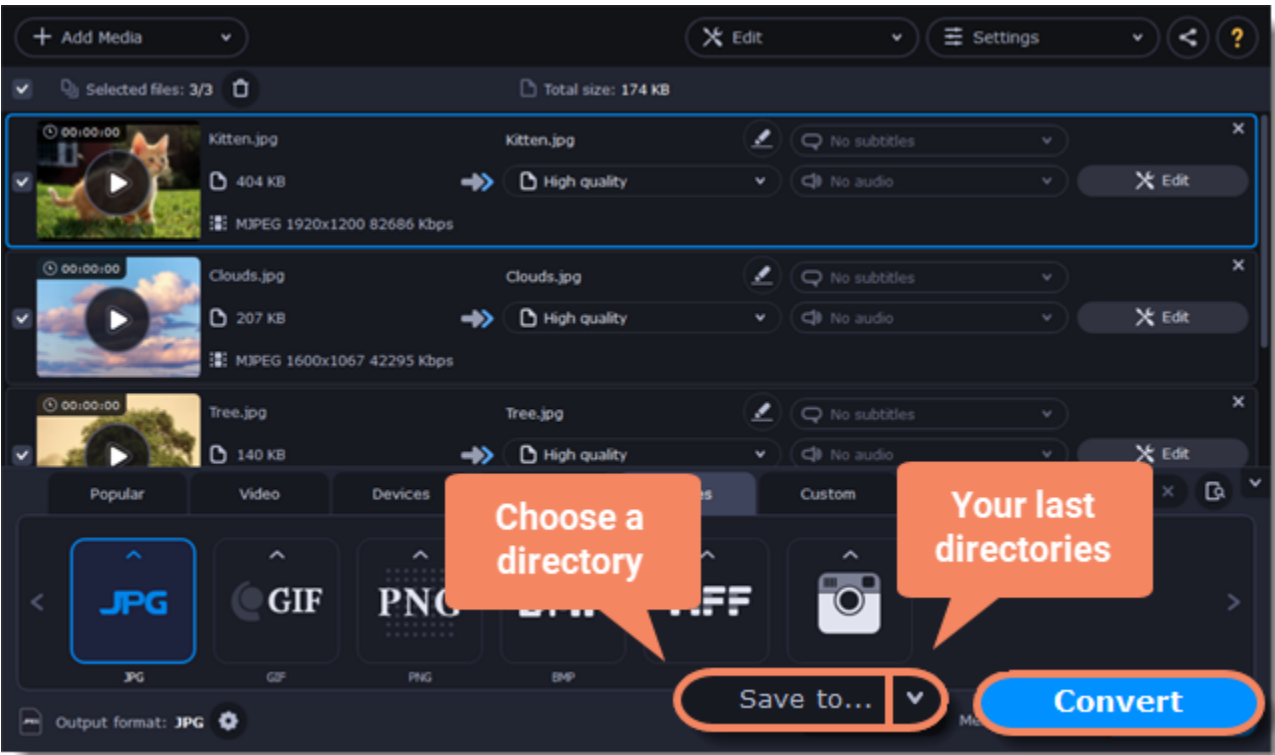
- 3. If the new size is different from the original image proportions, choose a resize method for your images:
 - Letter box** – unused space will be filled with black.
 - Stretch** – the image will stretch to fill the entire area.
 - Crop** – the image will be resized to fill the entire area, and overflowing 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.

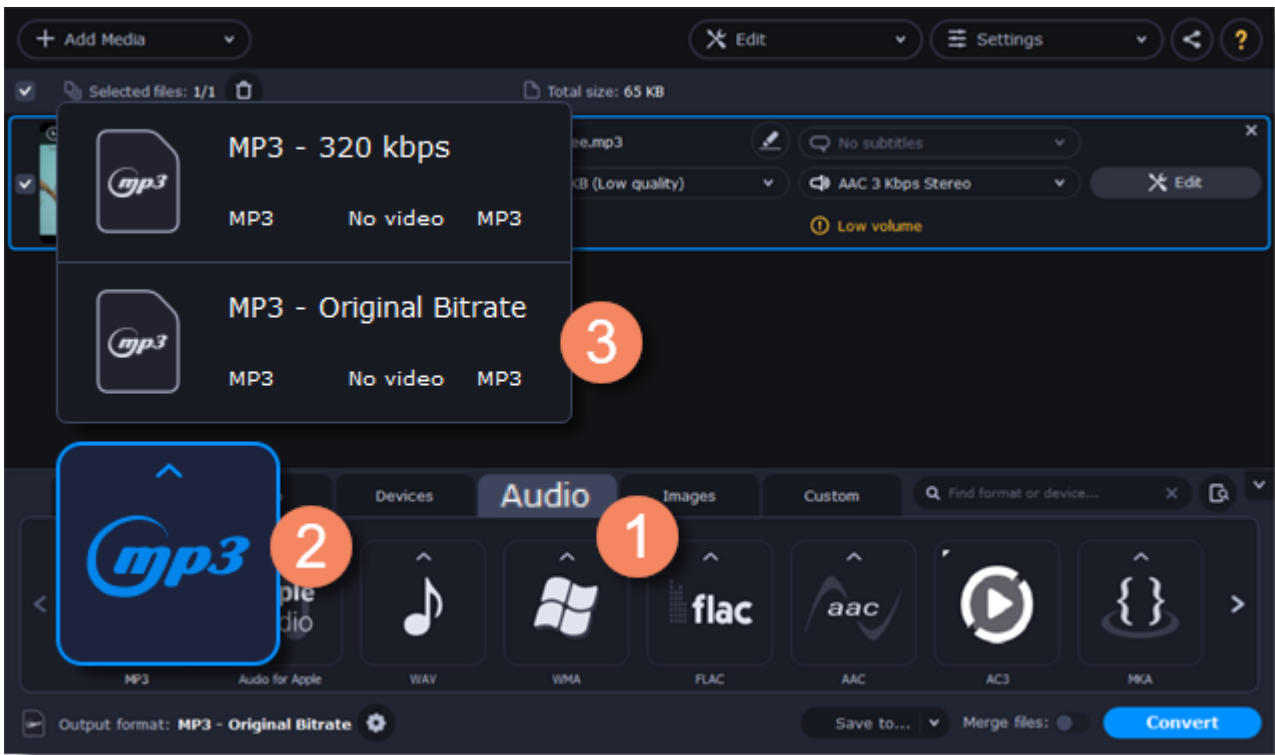
Open music

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.

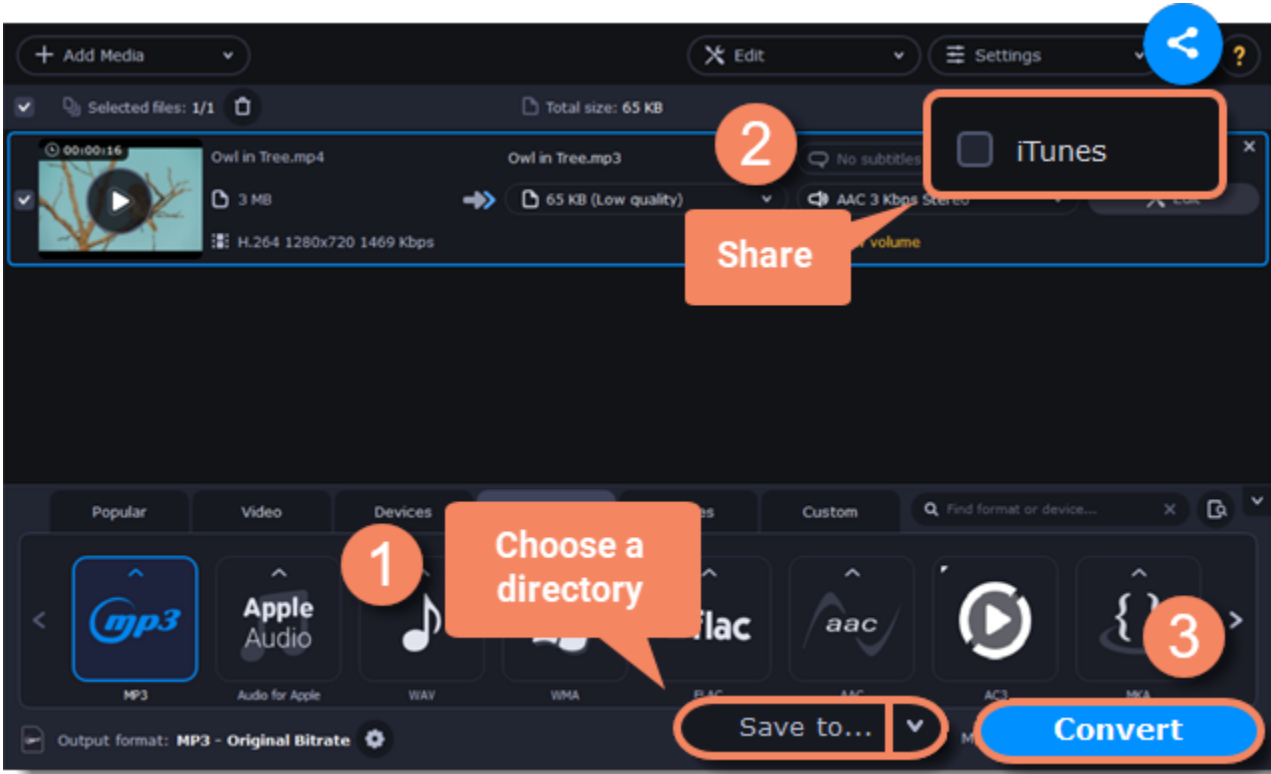
1. Click the **Edit** button next to the file you want to normalize.

- 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  at 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.

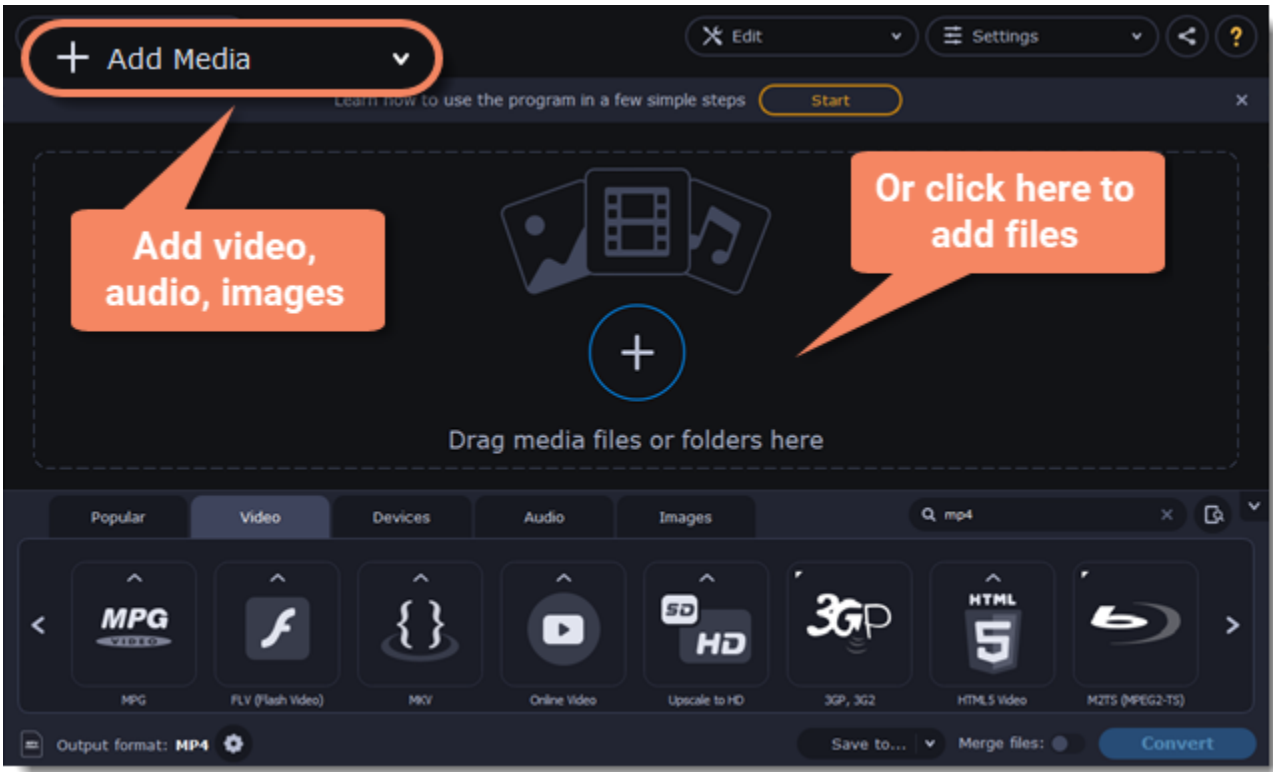


Devices

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.



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.

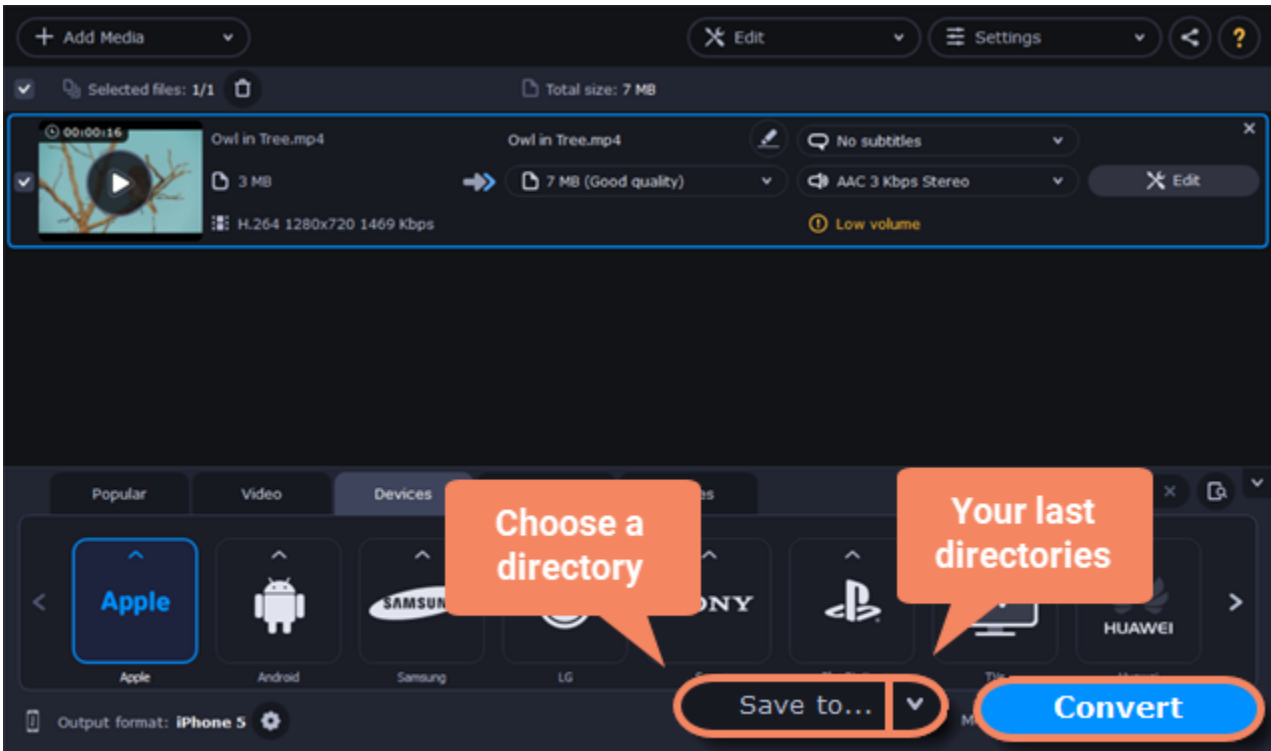
The wrong device was detected

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

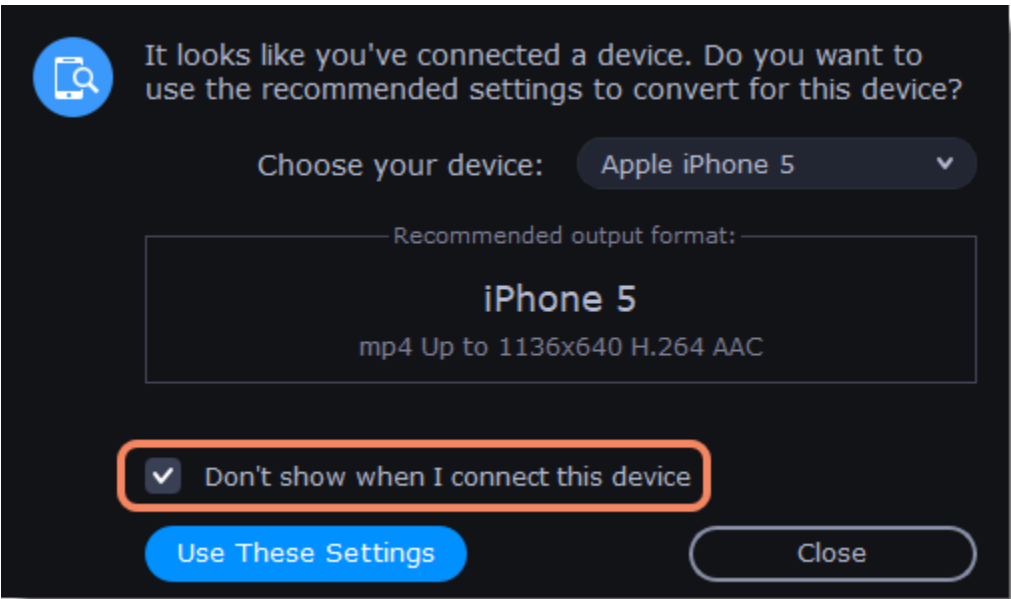
1. At the bottom of the window, click **Save to...** and choose a folder you to save converted files to. You can select one of your previous folders by clicking the check near the **Save to...** button.
2. Click the **Convert** button to start processing the videos.
3. After conversion has finished, upload the videos to your device and enjoy.



Disabling detection for one device

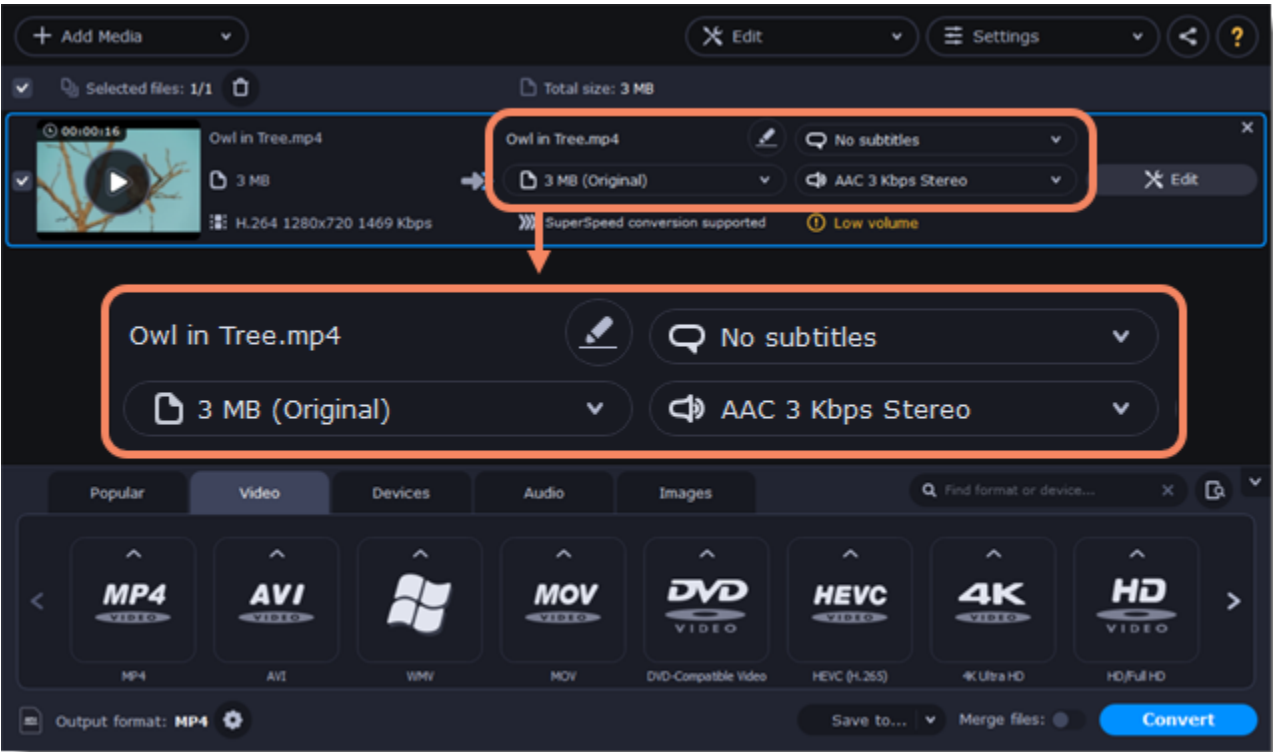
If you don't want the device detection window to appear whenever you connect a specific device:

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.

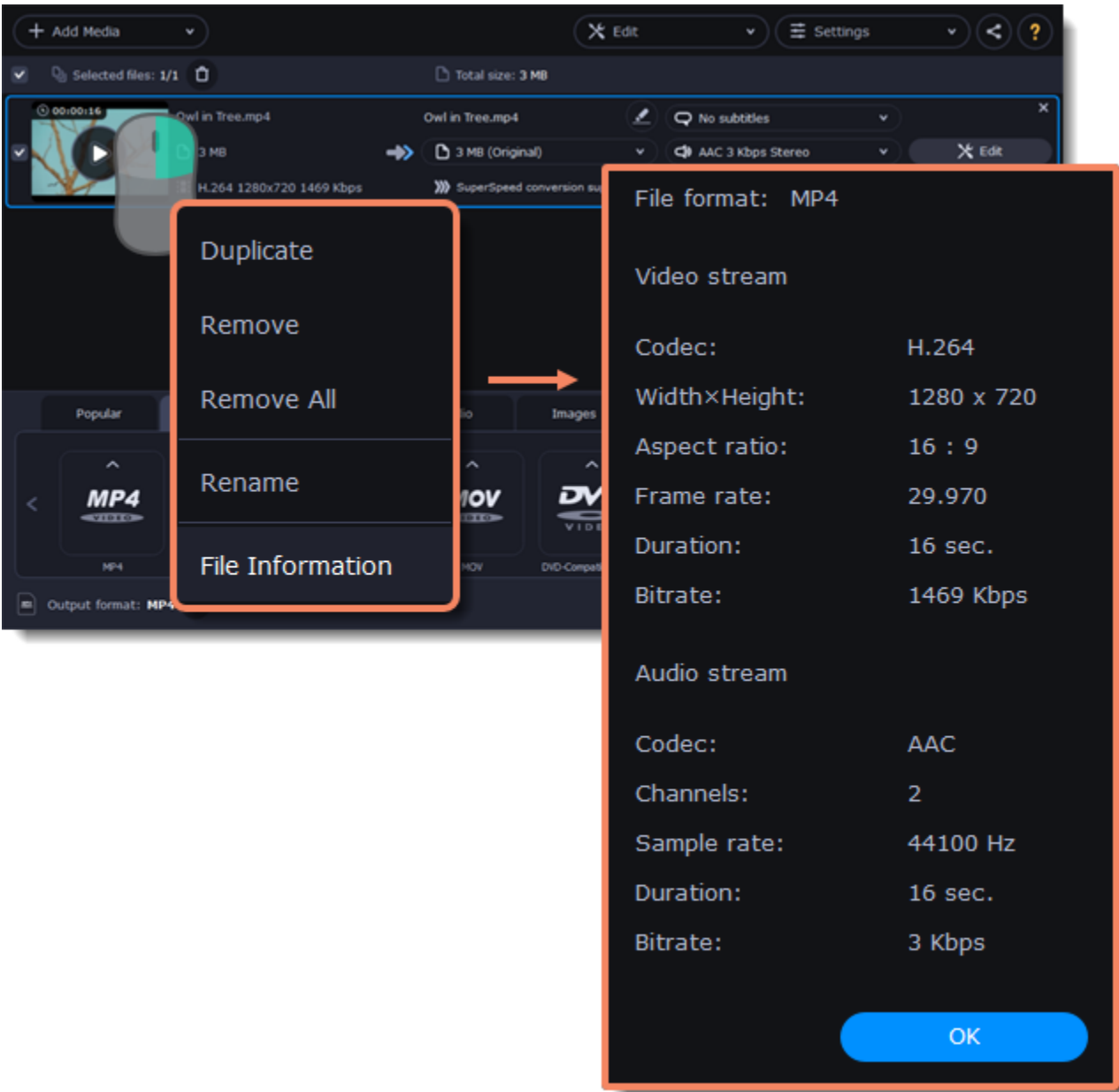


Media streams

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.



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.



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

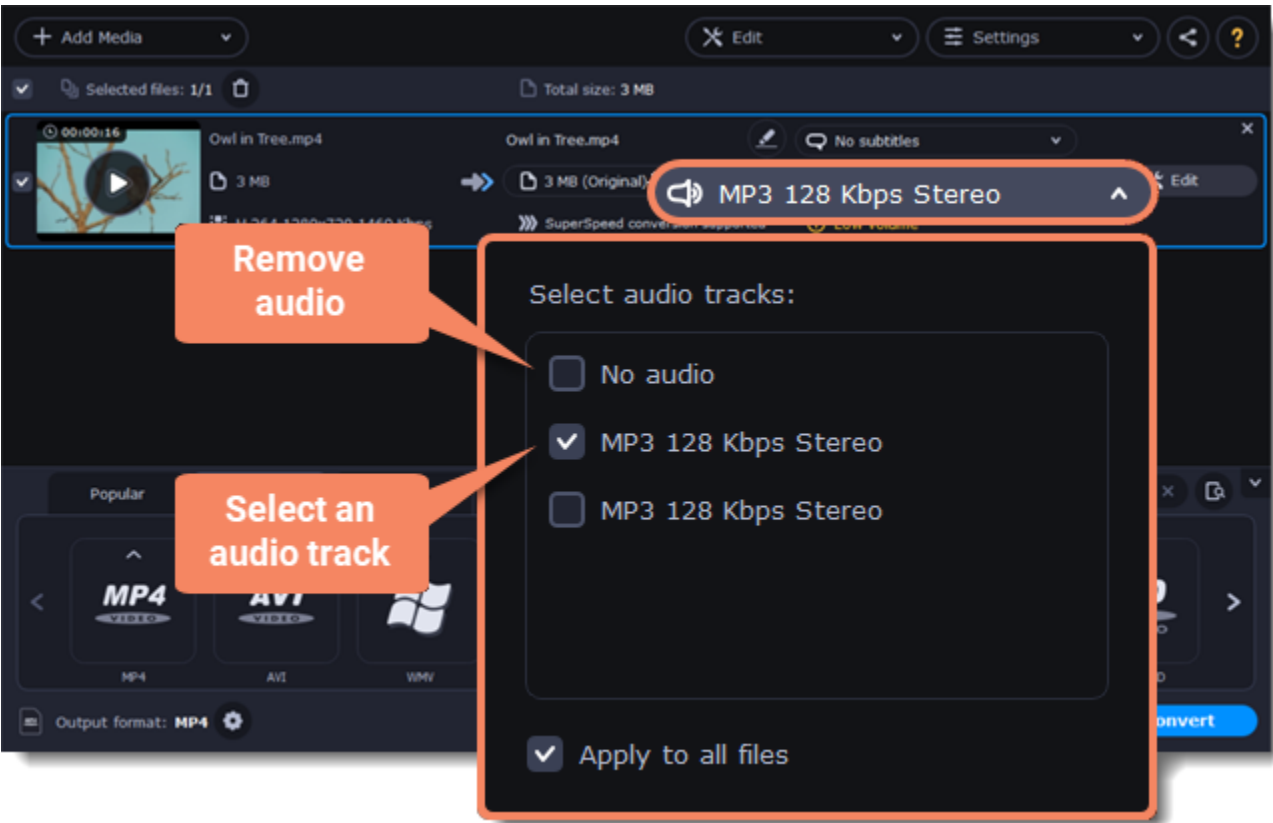
When you convert videos, you can permanently overlay subtitles on top of the video. To do that, click the subtitle stream and choose or add the subtitle track that you want to use.

[Choosing a subtitle track](#)

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

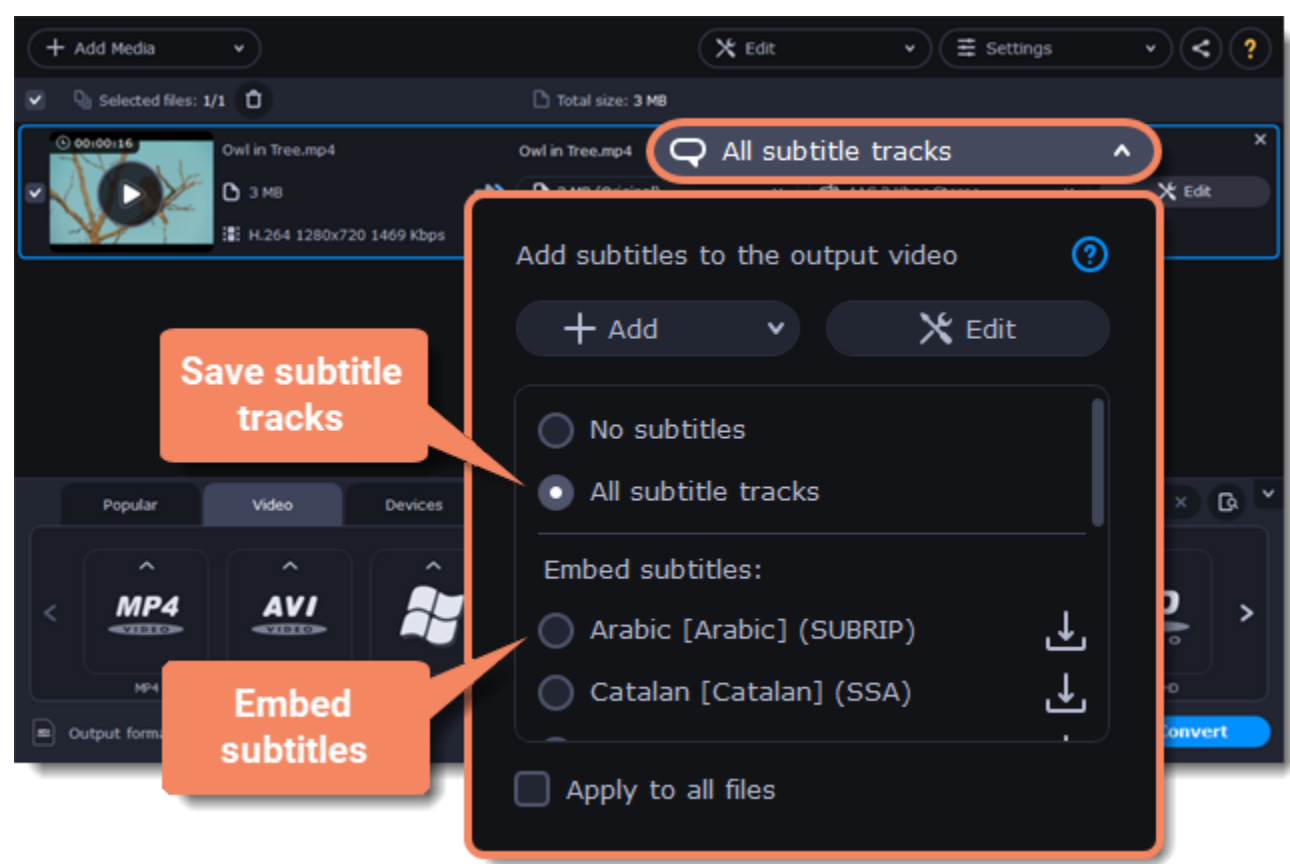
In the rightmost column of the file list, you can see the subtitle and audio track information for each file. Click the information next to the subtitle balloon  to open the list of subtitles. In the subtitle list, click the subtitle track that you want to use.

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

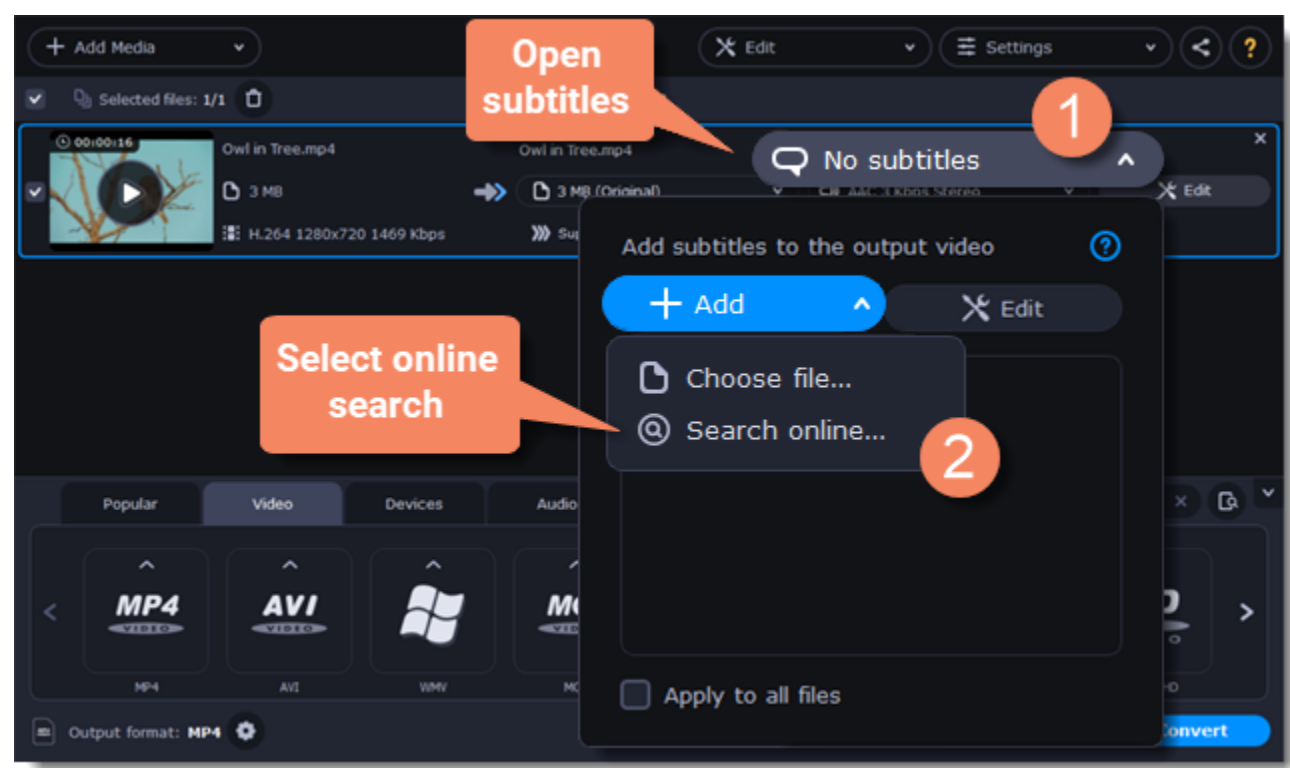
Choose a subtitle track and select **Apply to all files**. This function works only in case you have files with the same quantity of subtitle tracks, for example, it is a series.

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.

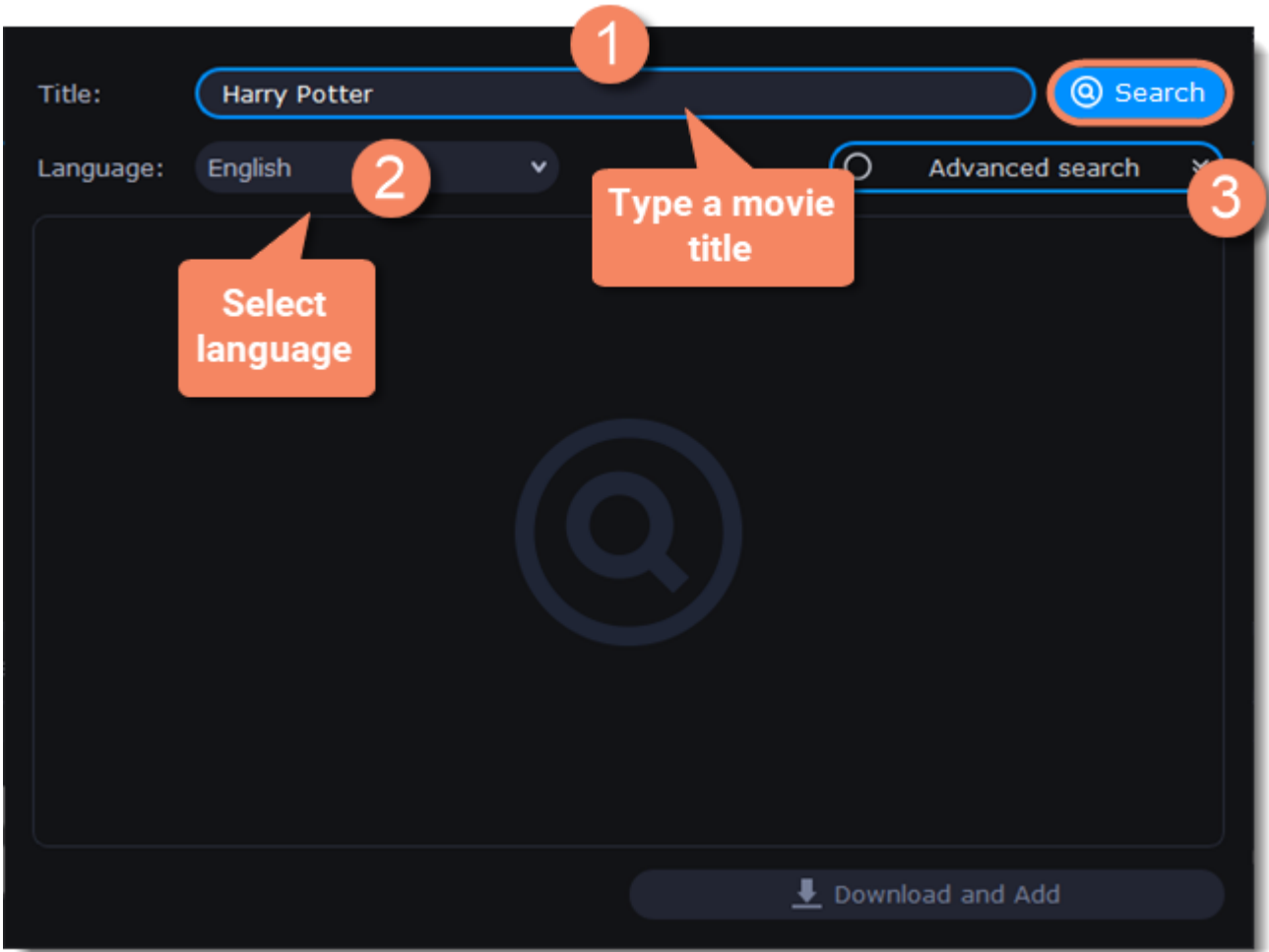
1. Click the information next to the subtitle balloon  to open the list of subtitles.
2. Click **Add** and then **Search online...**



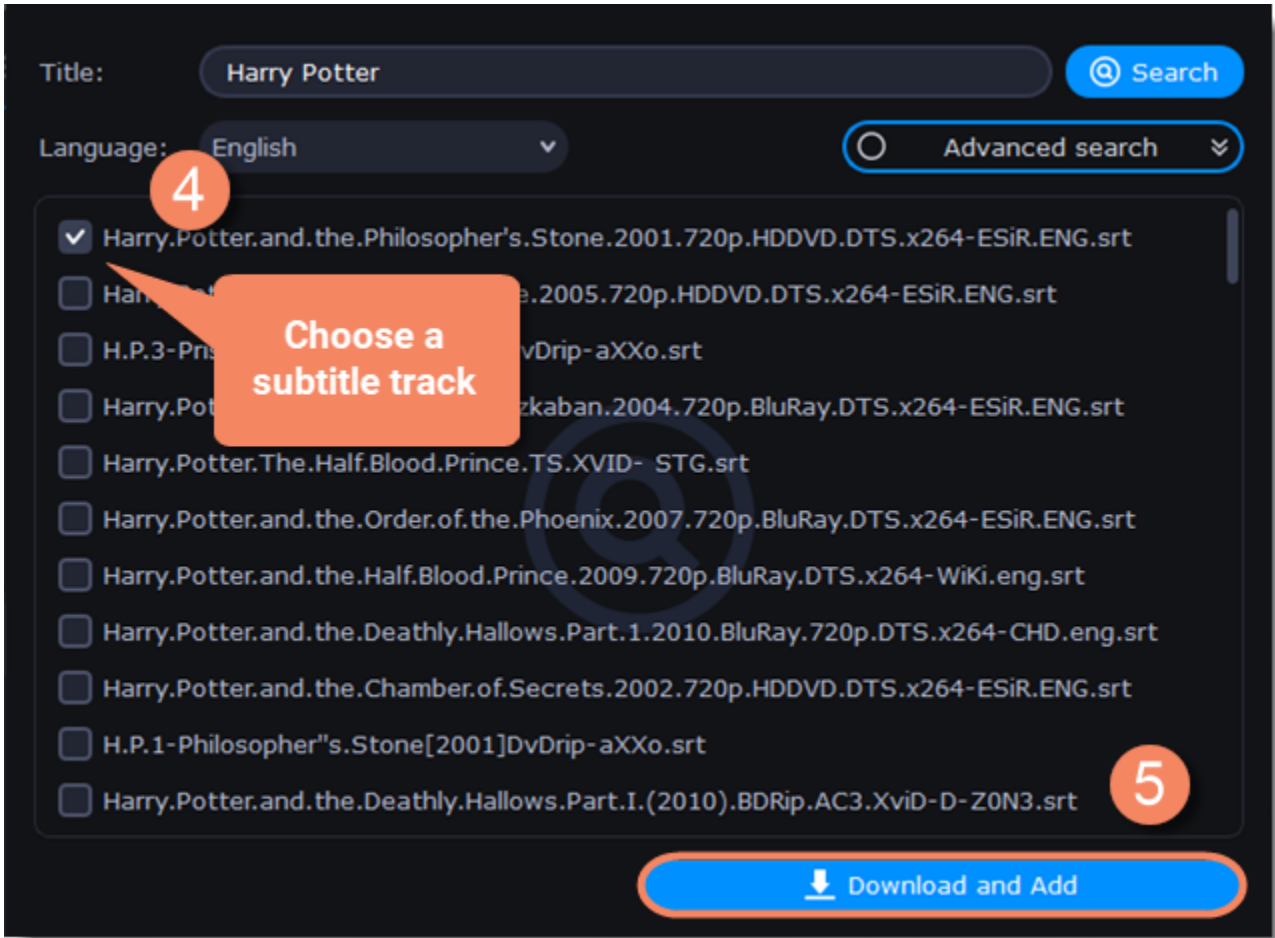
Search and download subtitles

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

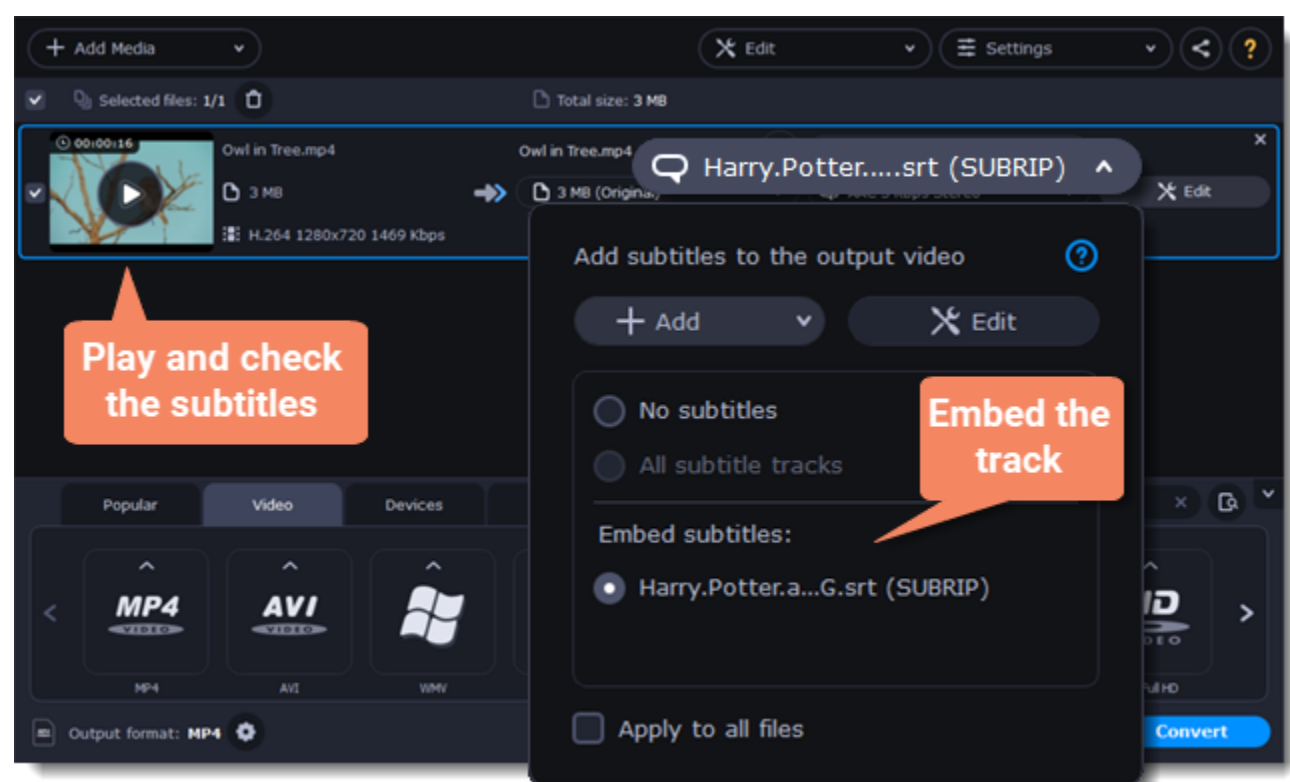


results.
5. Click **Download and Add**. The subtitles will appear in the list of subtitles.



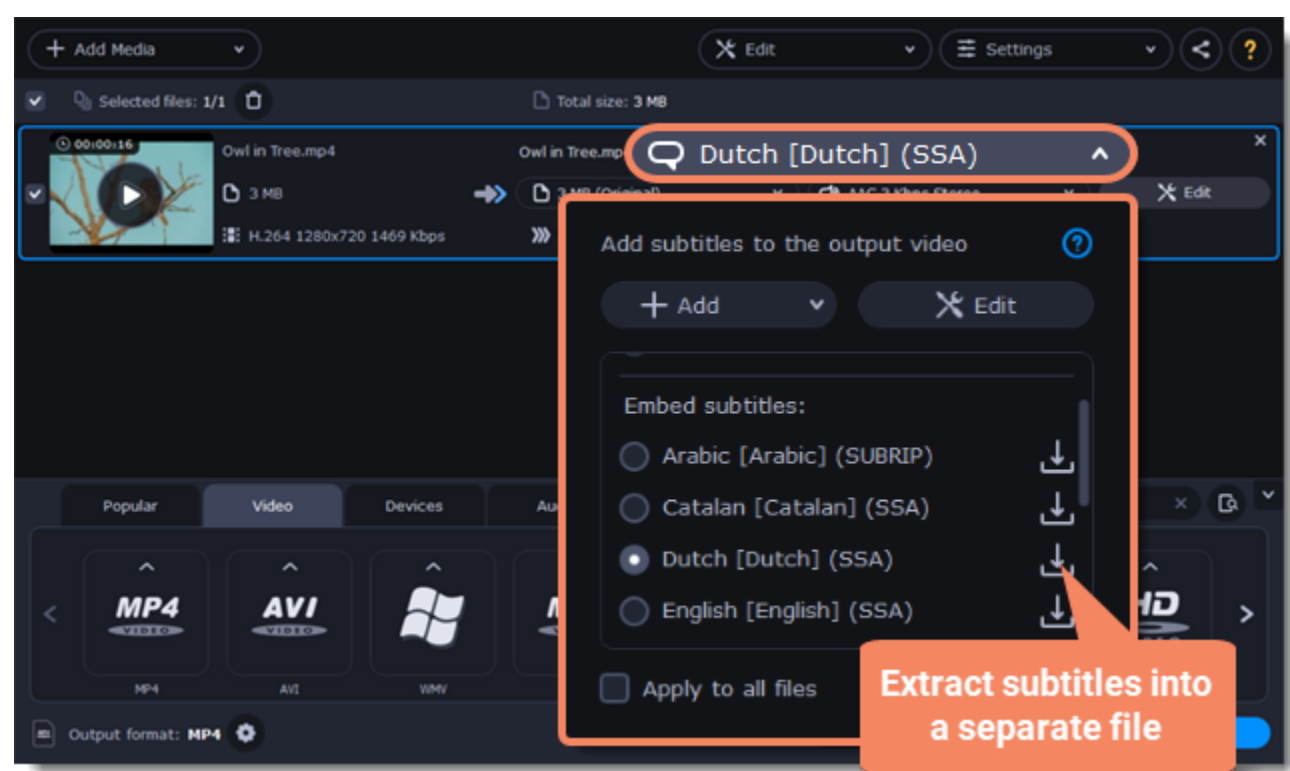
Check and embed subtitles

- 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

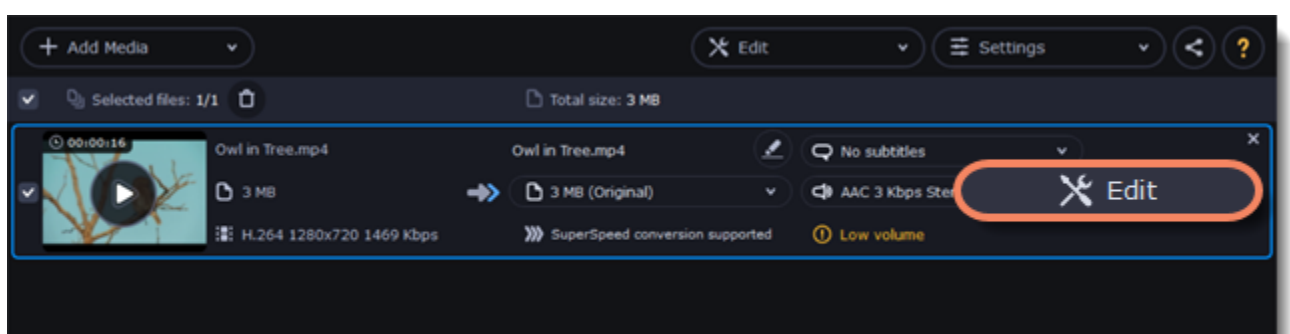
1. Click on the **subtitles field** next to the video you want to extract subtitles from.
- Make sure to choose the video format.

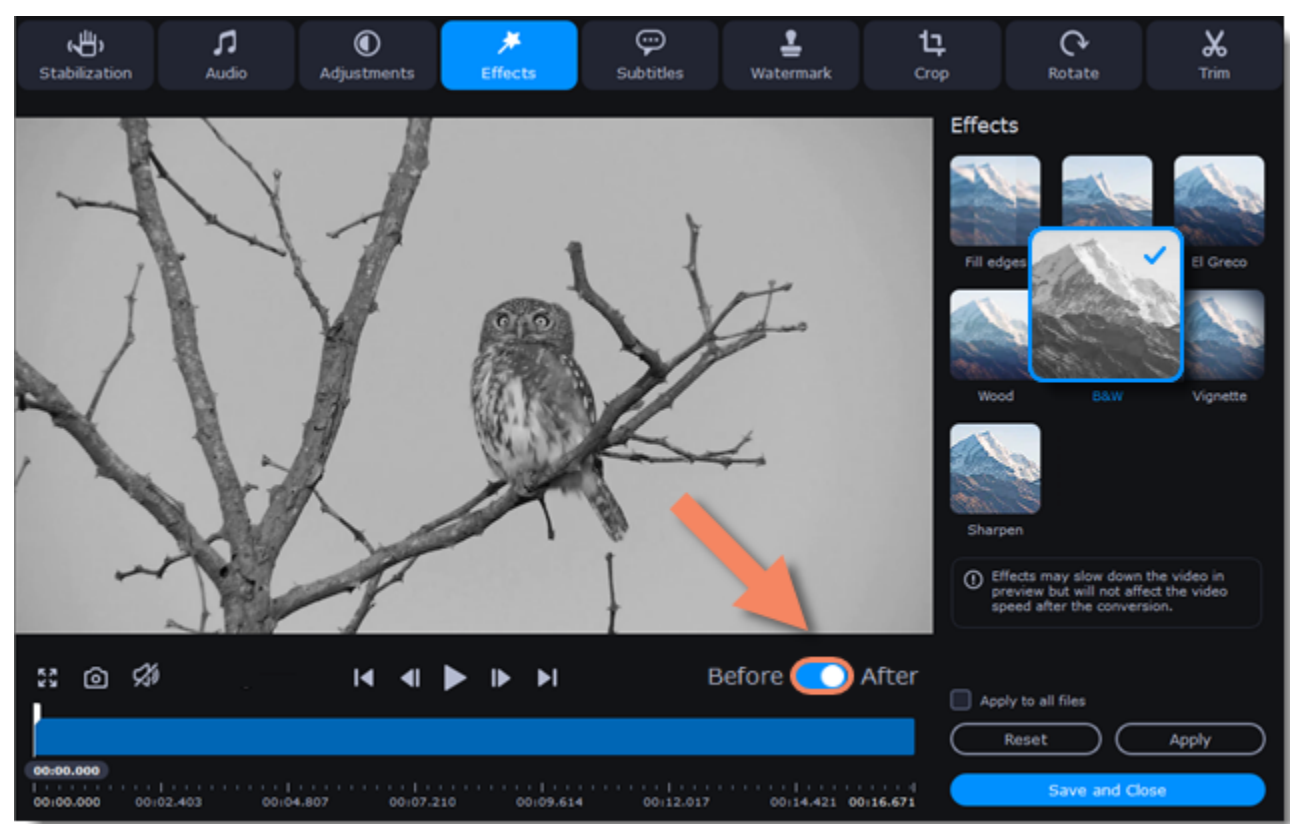


2. In the pop-up menu, click the **Extract subtitles into a separate file** button.
- Now, the file with the extracted subtitles will be saved by default in *Movavi Library folder*.
- The file will be automatically shown in folder at the end of the extracting process.

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.





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](#)



Original video - 5 min.



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

Flipping and rotating videos

Nobody likes videos with the wrong orientation! This can be easily fixed with the **Transform Video** 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 videos

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.

[Learn more about cropping](#)



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

Stabilizing video

If your videos have a lot of camera shake, you can reduce the effects using video stabilization.

[Learn how to stabilize video](#)



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

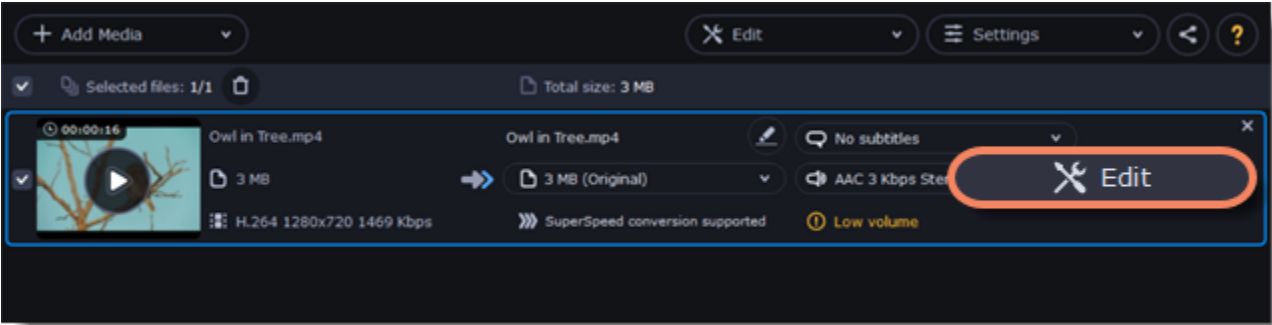
Many movies have problems with volume, where the dialogue is too quiet and action scenes blast at full volume. To combat this, you can normalize the file's audio track using Movavi Video Converter, or adjust the volume level manually.

[Learn more about audio enhancements](#)

Trimming files

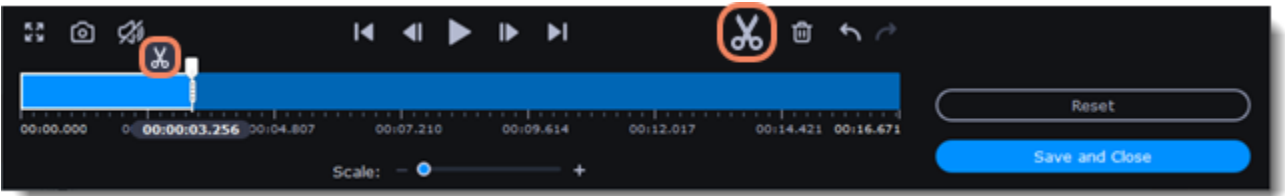
Enter edit mode

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.

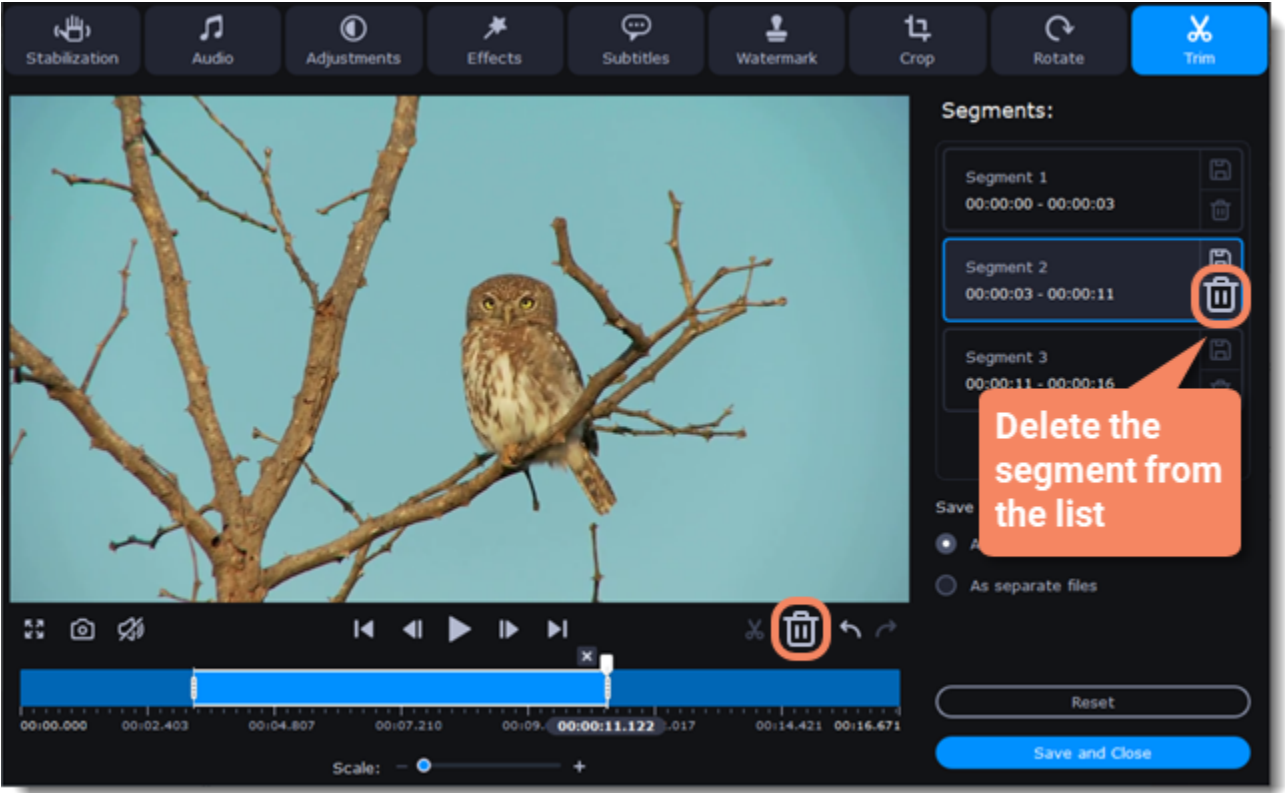


Cut out a part of the video:

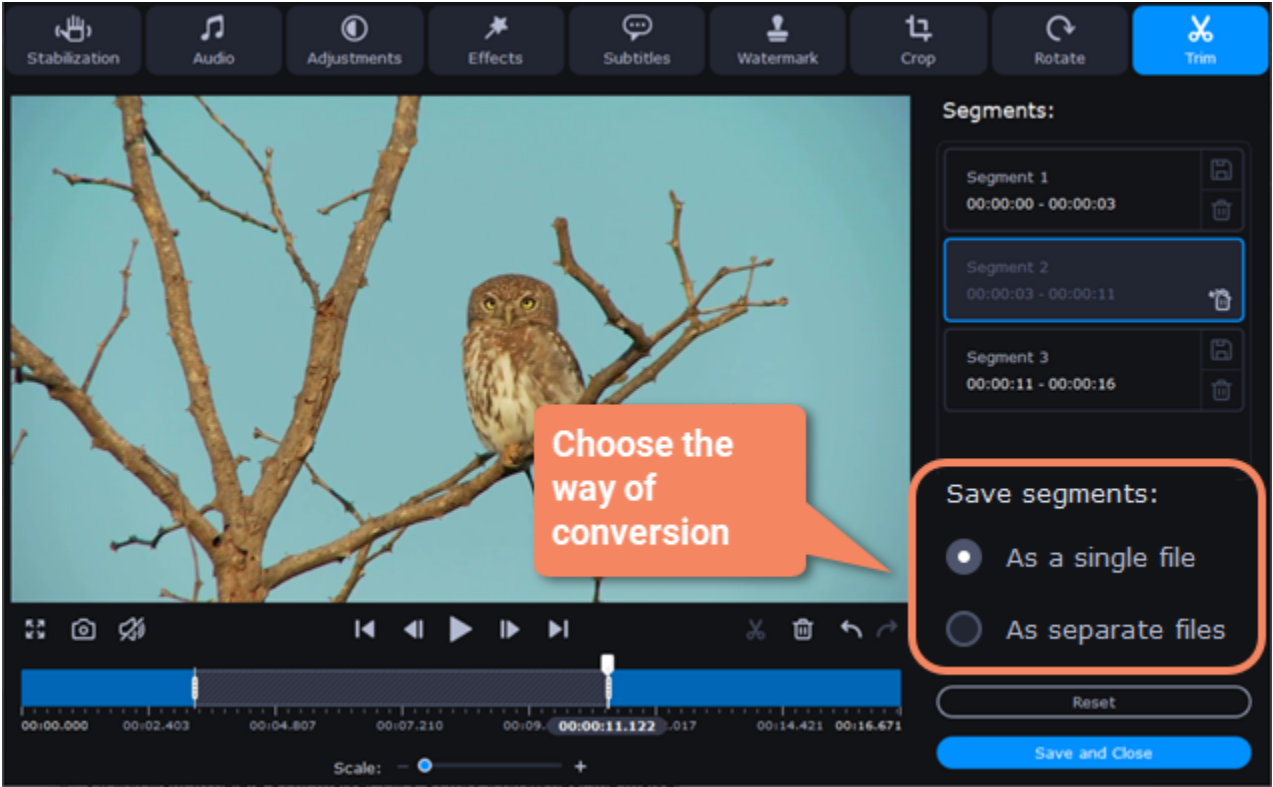
1. Move the position marker to the beginning of the segment and click the scissors button.
If you're trimming the file from the beginning or end, skip to the next step. You'll need a single cut for it.




- 2. Move the position marker to the end of the segment and click the scissors button again.
- 3. 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.

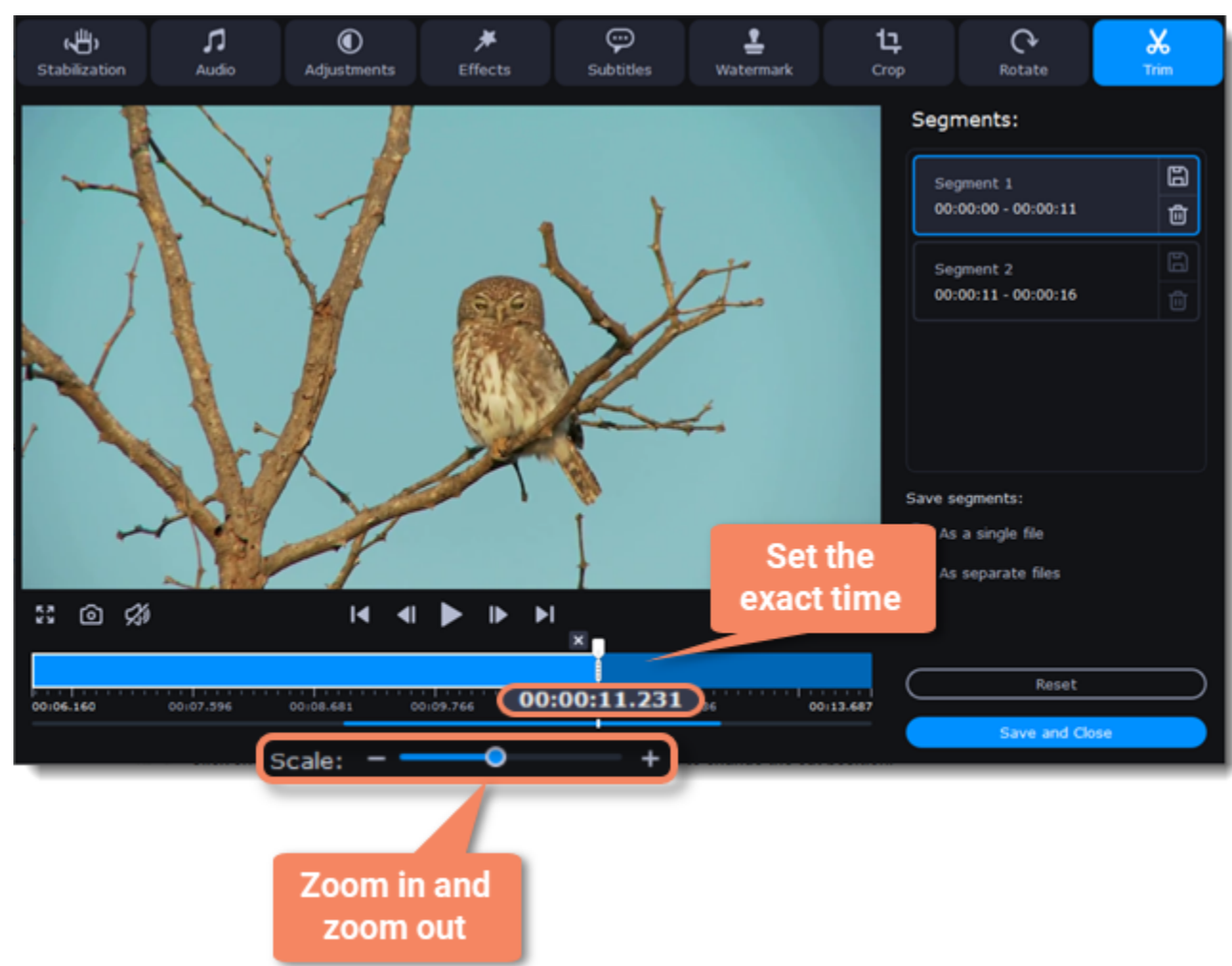
You can also save each file of the list by clicking the floppy icon .

Cancel trimming

- If you want to delete a cut marker, click a cross icon  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

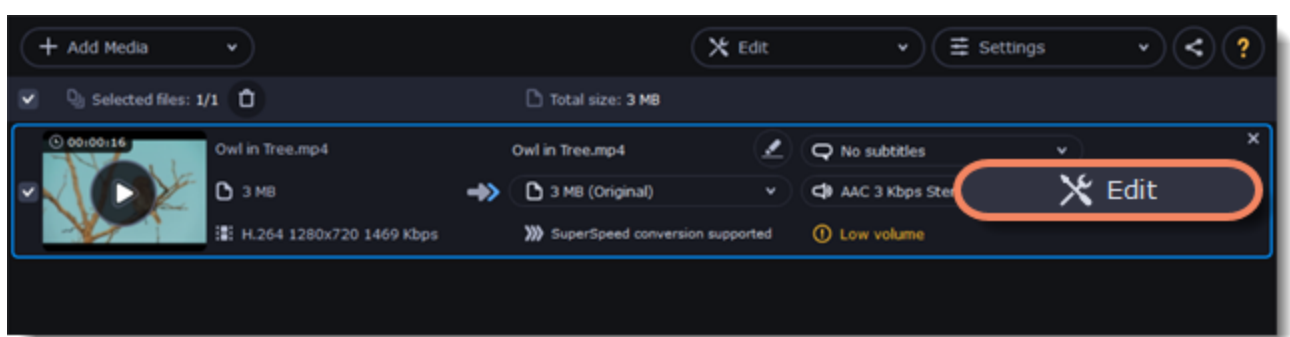
- To set a cut marker more precisely:
- Click on a cut marker to select it and move it along the seek bar to change the cut position.
 - Click the **Previous frame** or **Next frame button** to move the position marker by exactly one frame.
 - You can also zoom in the Timeline or set the exact time of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



Rotating video

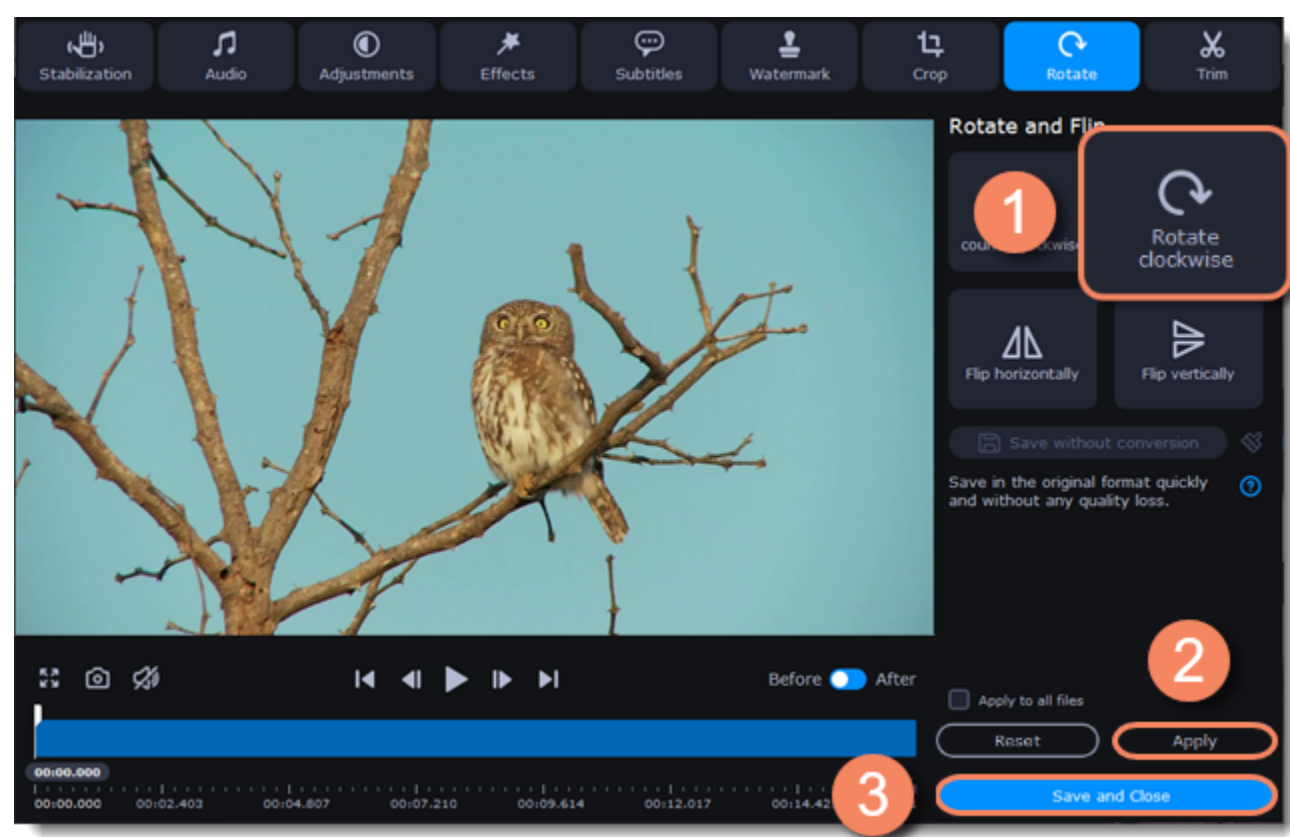
Enter edit mode

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



Rotate or flip the file

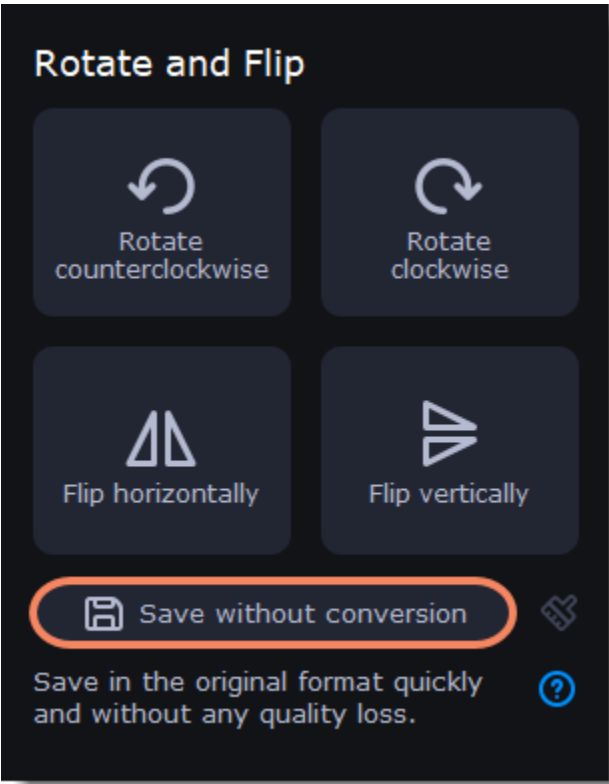
1. Click one of the buttons to rotate or flip the file. The rotation buttons will rotate the file by 90 degrees with each click.
2. Click **Apply** to confirm the changes. If you want to rotate or flip all of the files in the same way, select the **Apply to all files** option.
3. Finally, click **Save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



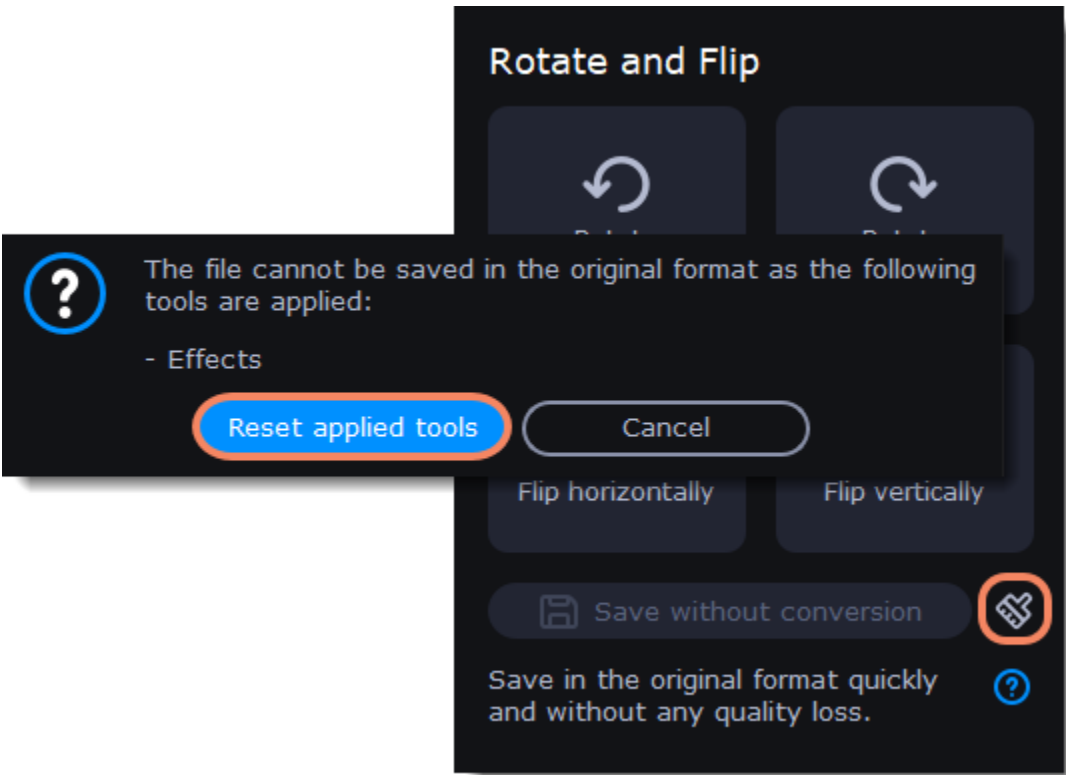
Saving without conversion

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.

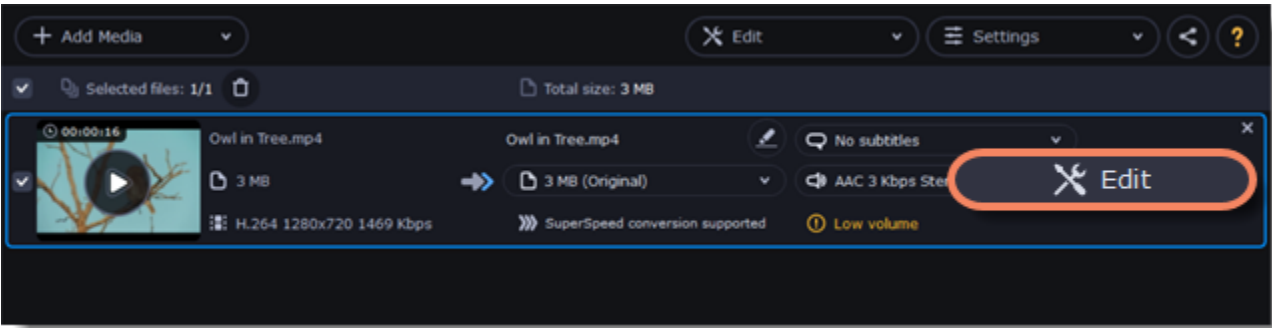


Cropping video

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

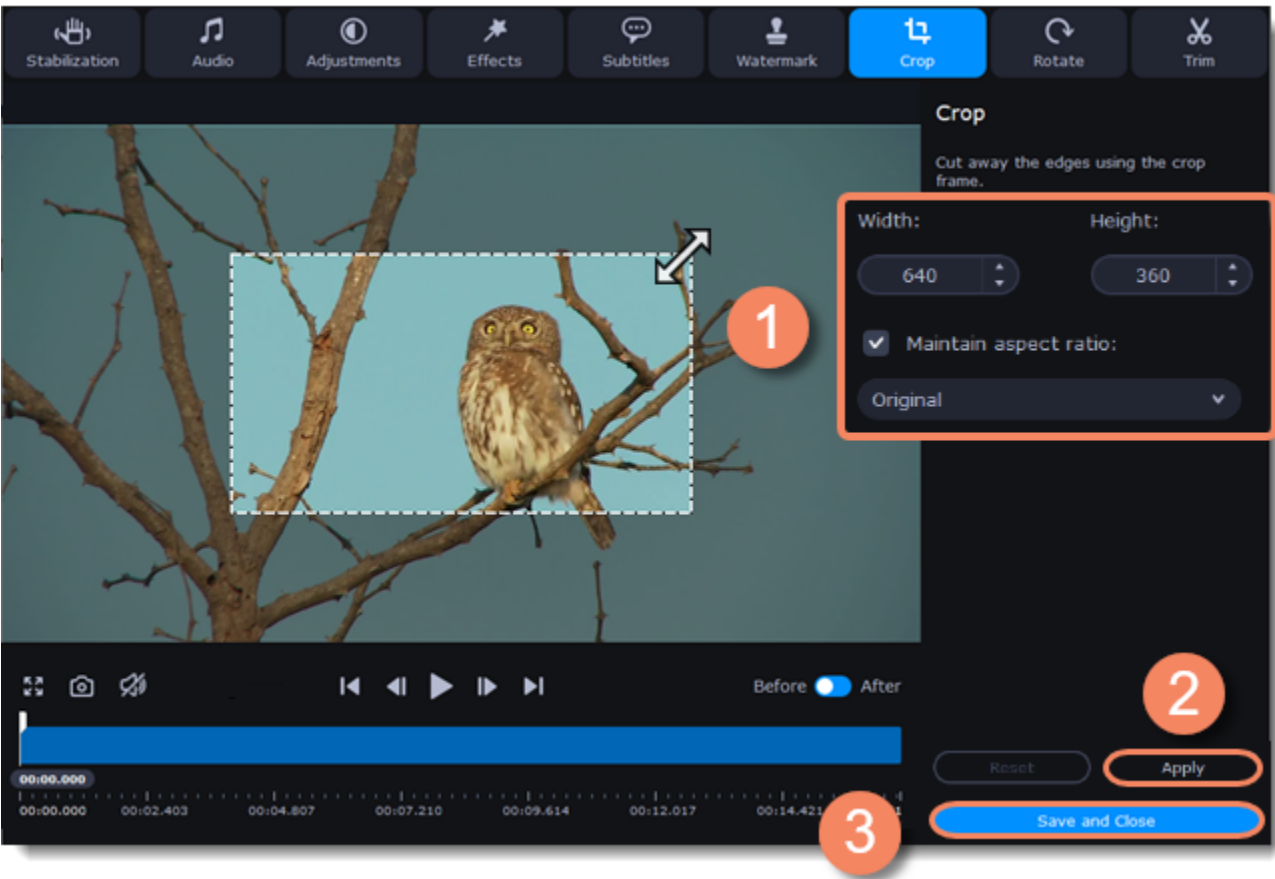
Enter edit mode

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



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.

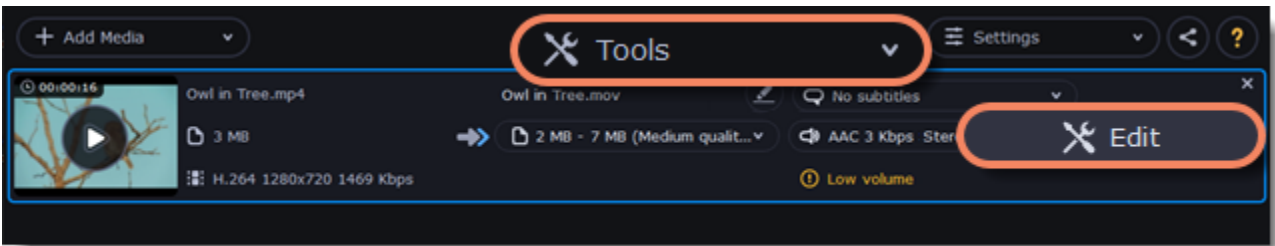


Adding a watermark

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-through.

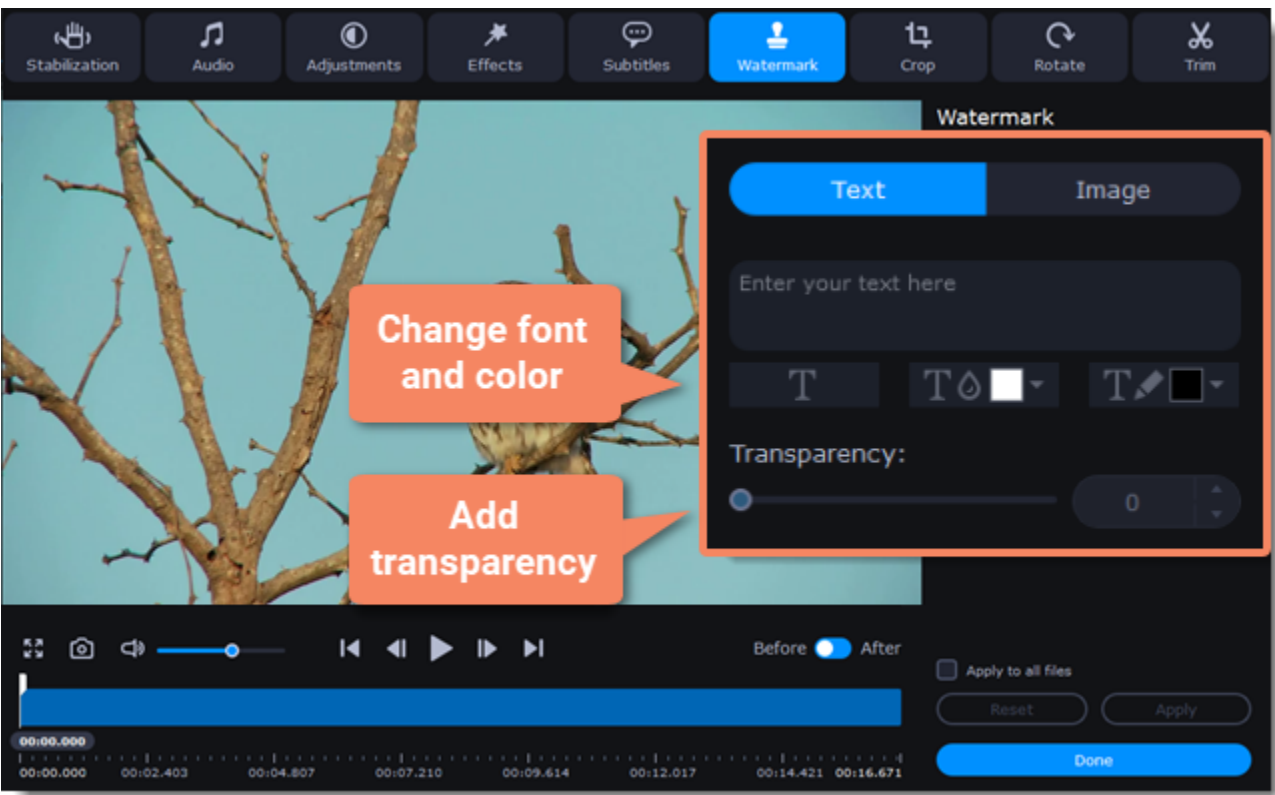
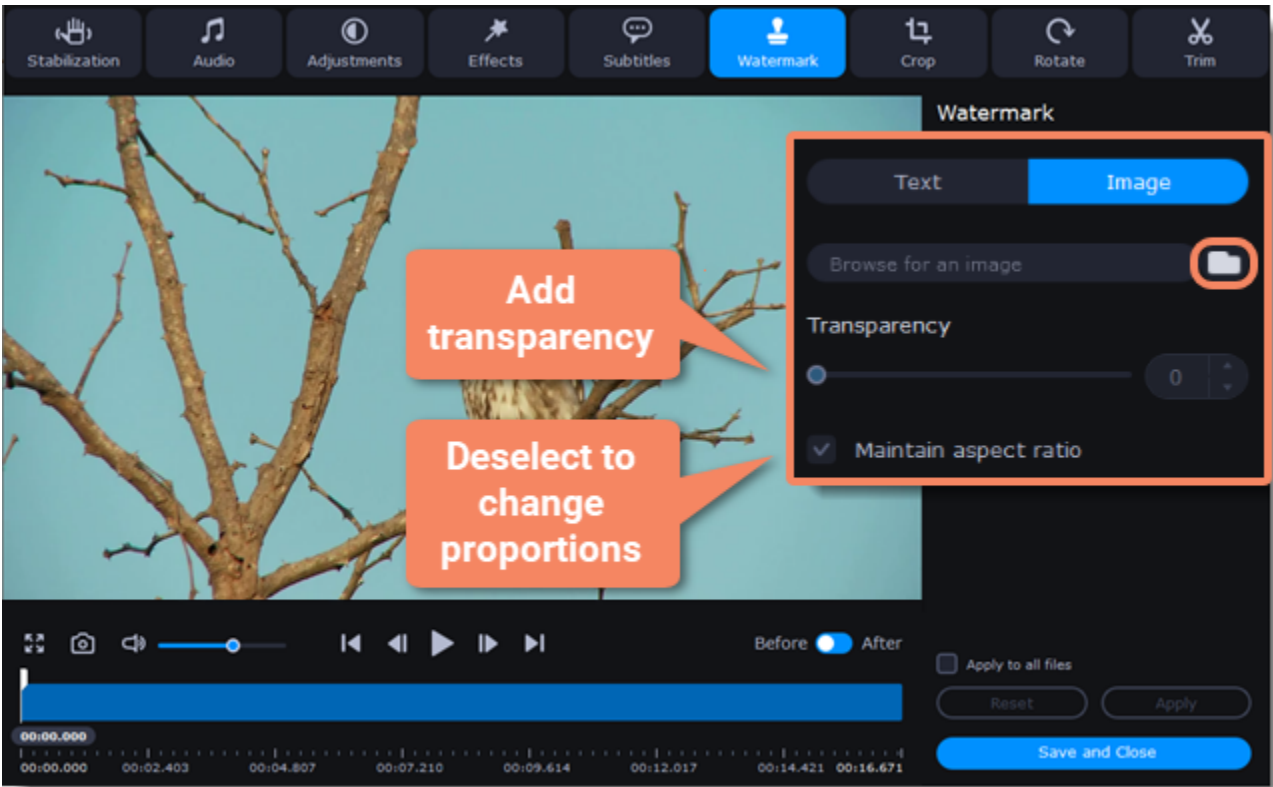


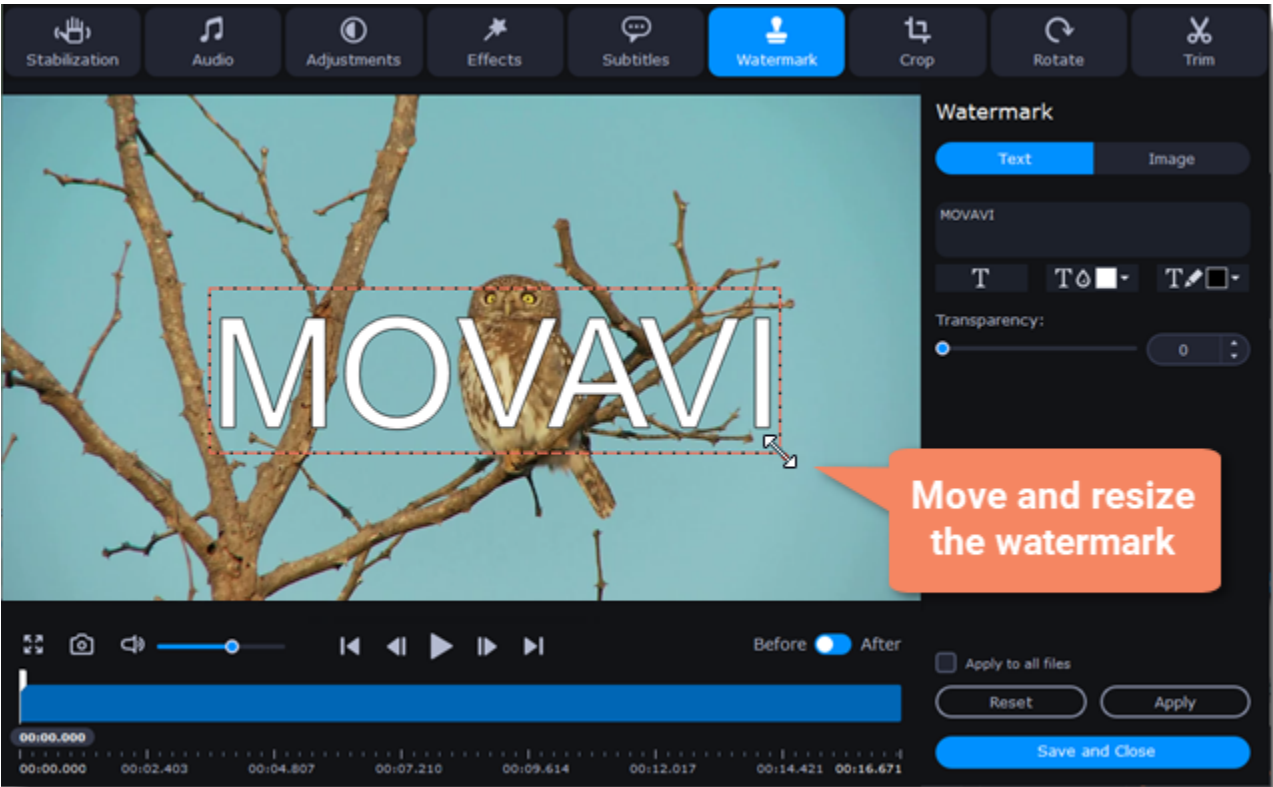
Image watermark

1. On the Watermark tab, click the **Image** button.
2. Click the folder icon 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.



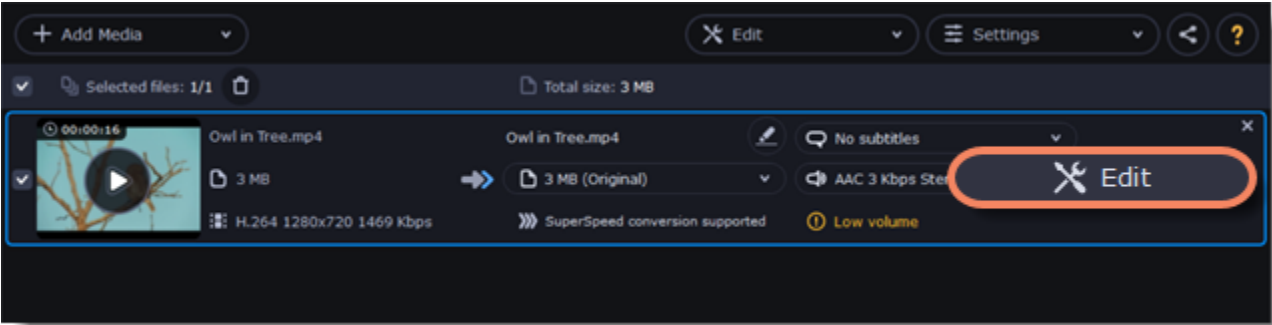
Exit edit mode

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.

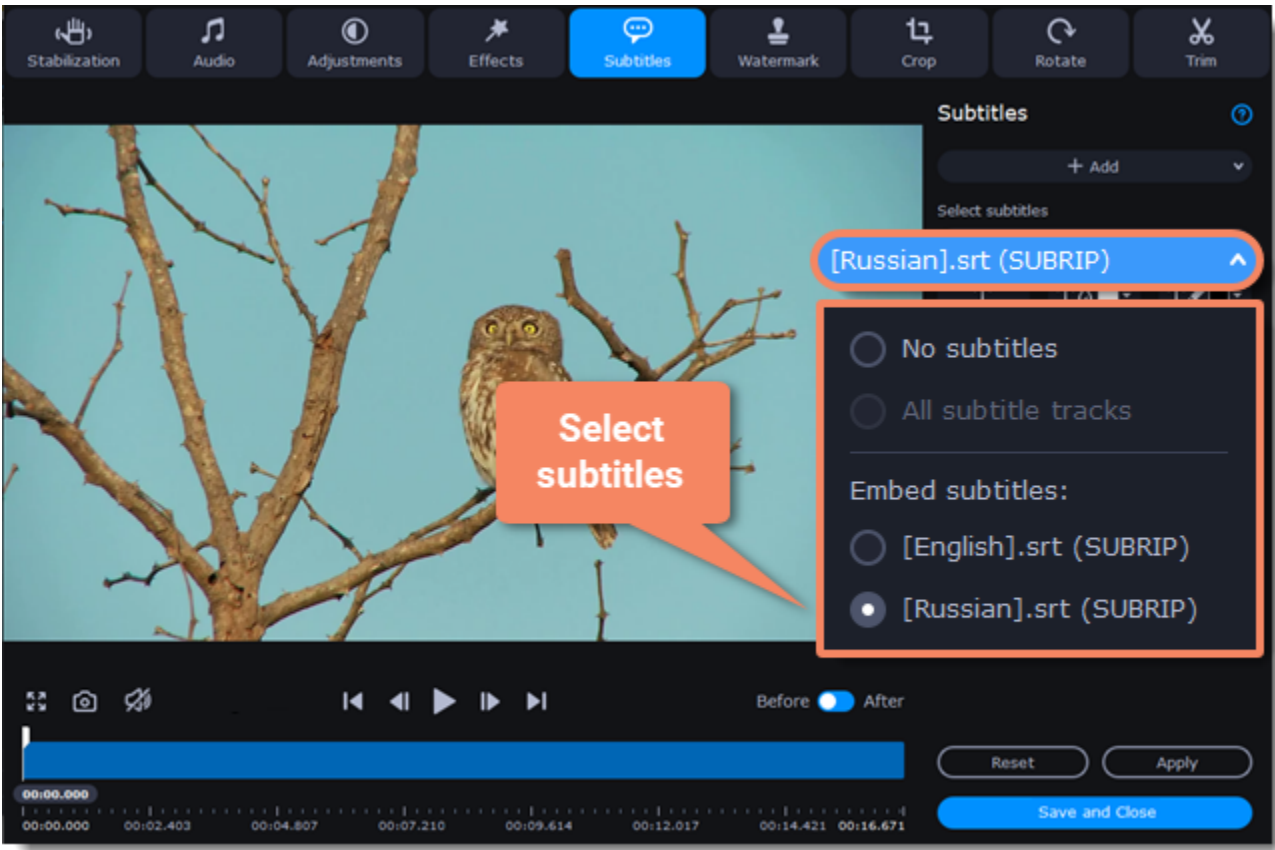


Select subtitles

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 [find them online](#).



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.

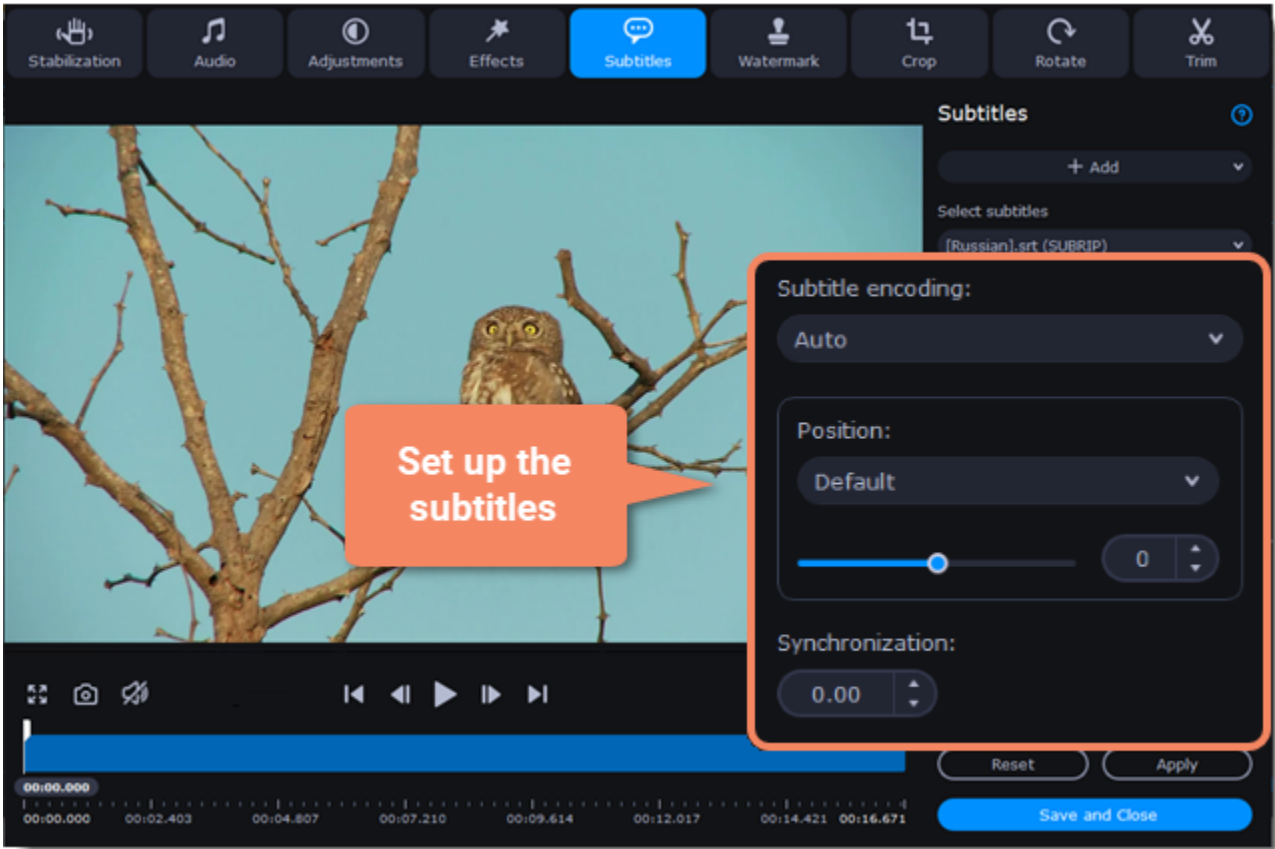
Position

- 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

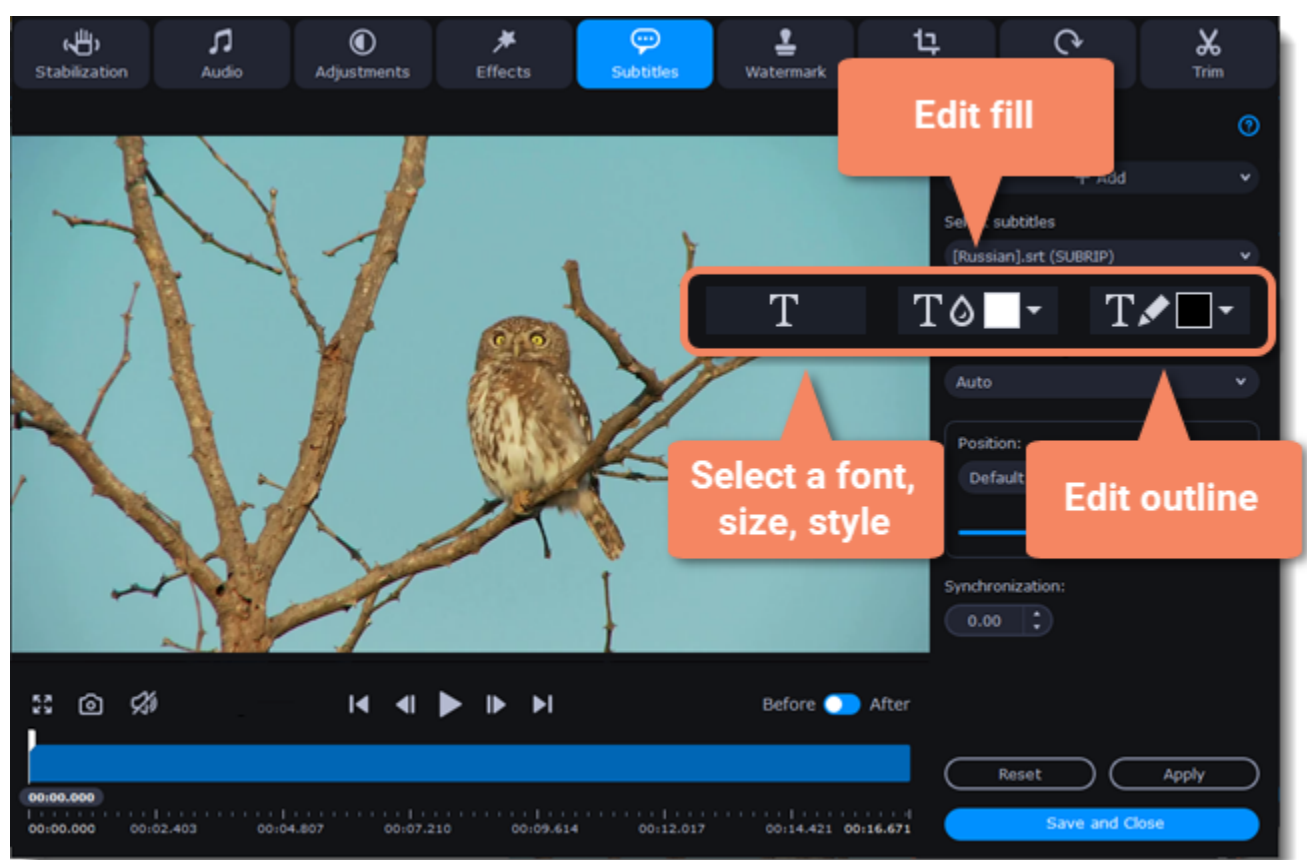
If the subtitles are out of sync with the video, use the synchronization box to advance or delay subtitles by a specific time in seconds and milliseconds. Positive values make the subtitles appear later, and negative values make them appear earlier.

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

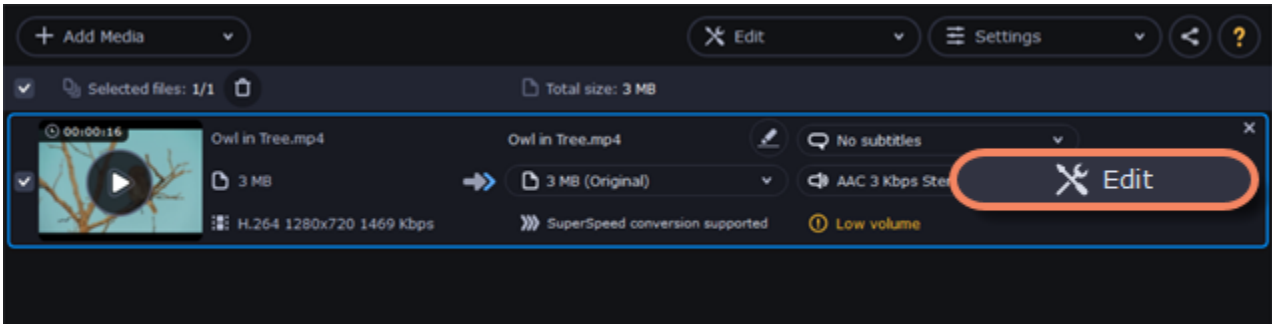
Click **Apply** and then **Save and Close** to apply the changes. When you convert the video, the selected subtitles will be permanently shown over the video.

Adding effects

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

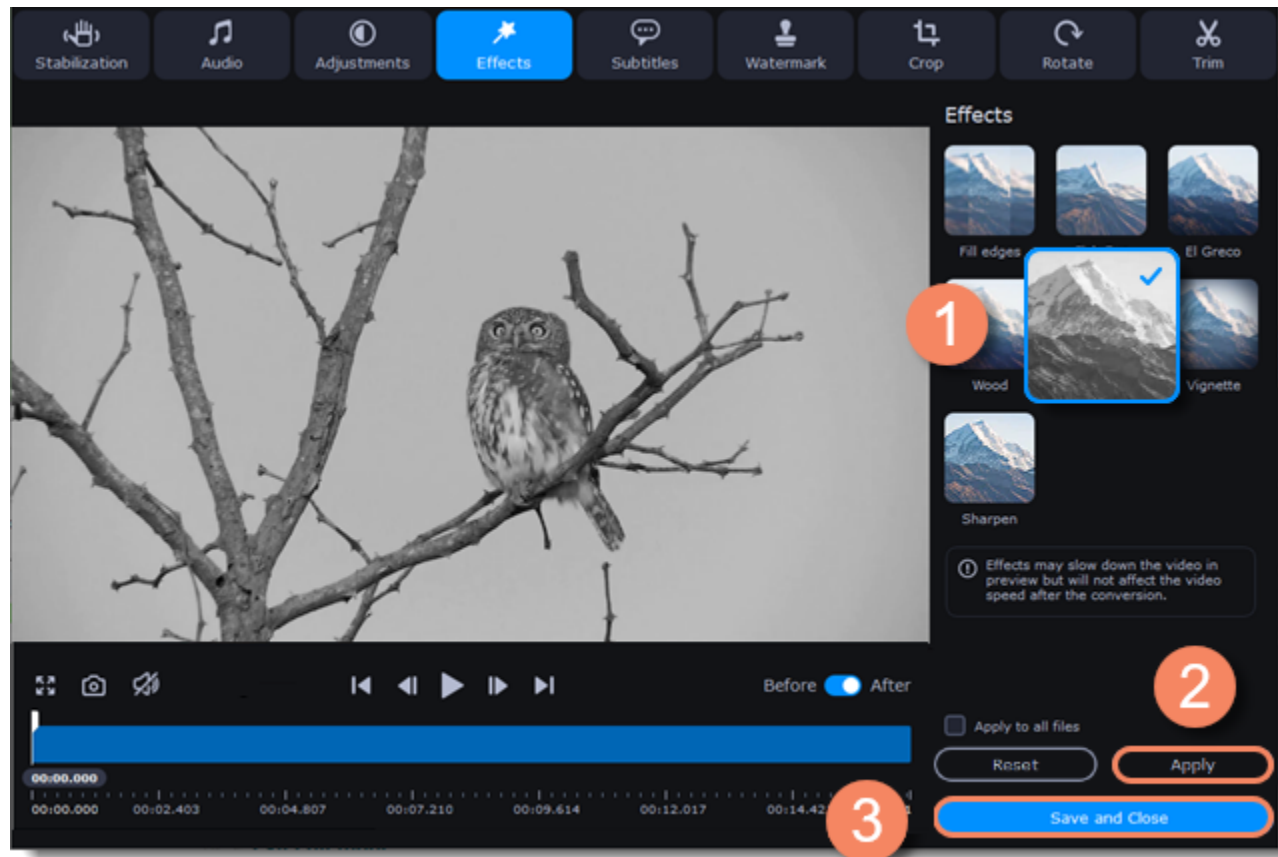
Enter edit mode

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



Apply effects

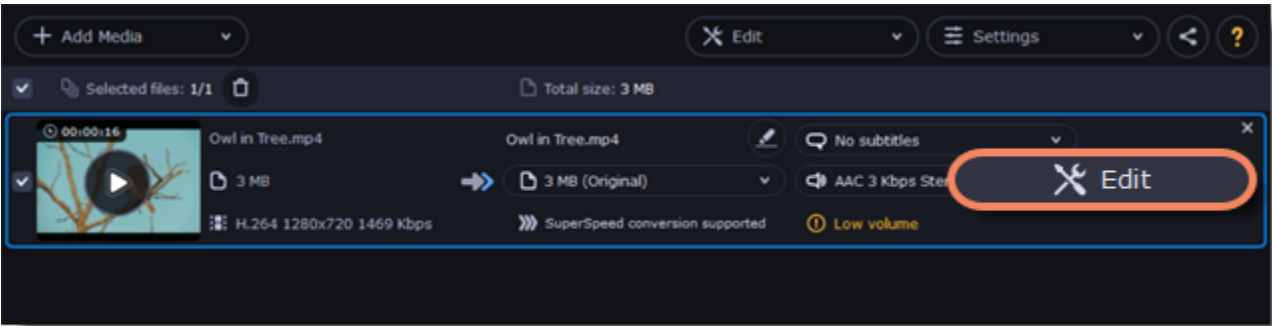
1. Click the preview icon to add an effect. You can apply several effects simultaneously.
2. Click **Apply** to accept the changes. If you want to batch-process your files, select **Apply to all files** to apply the same effects to other files in the list.
3. Finally, click **Save and Close** to close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

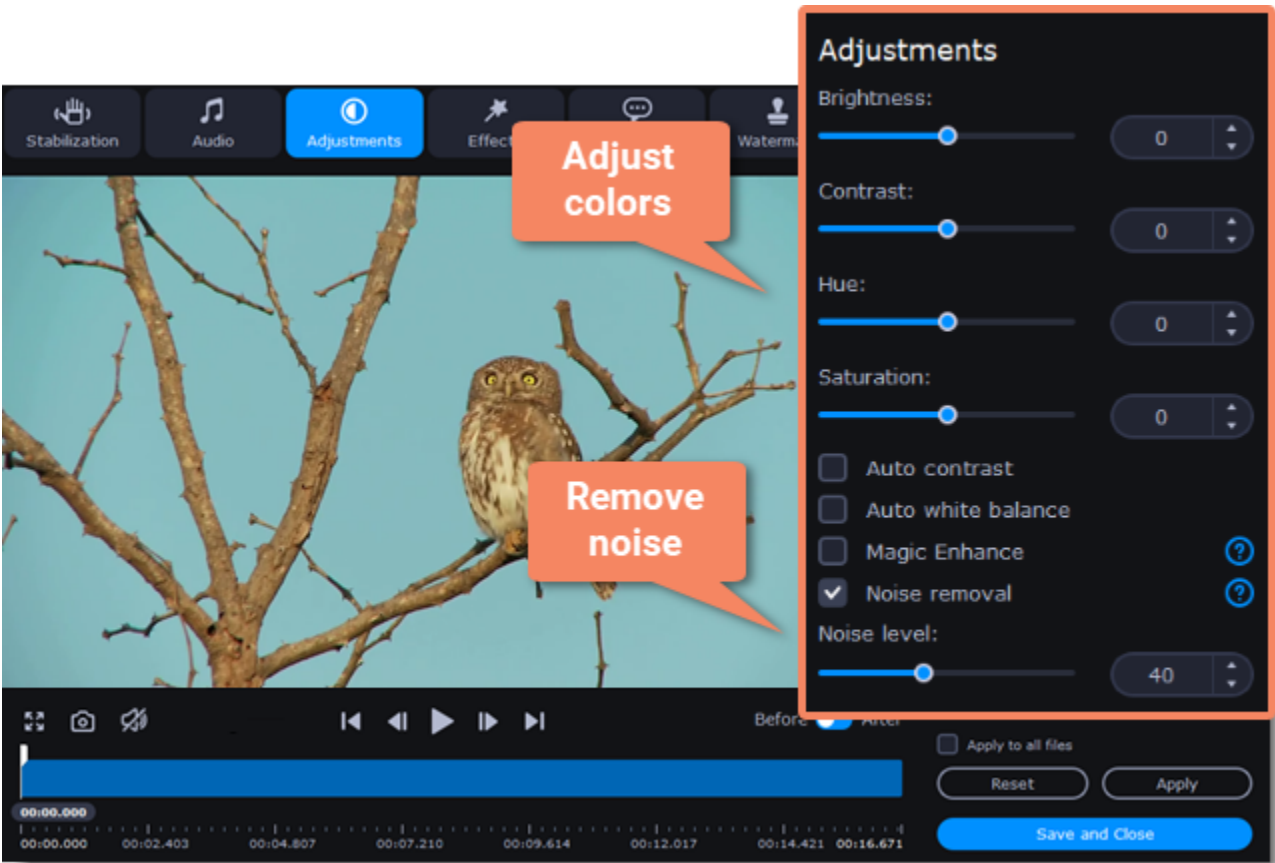


Adjust the colors:

- 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.



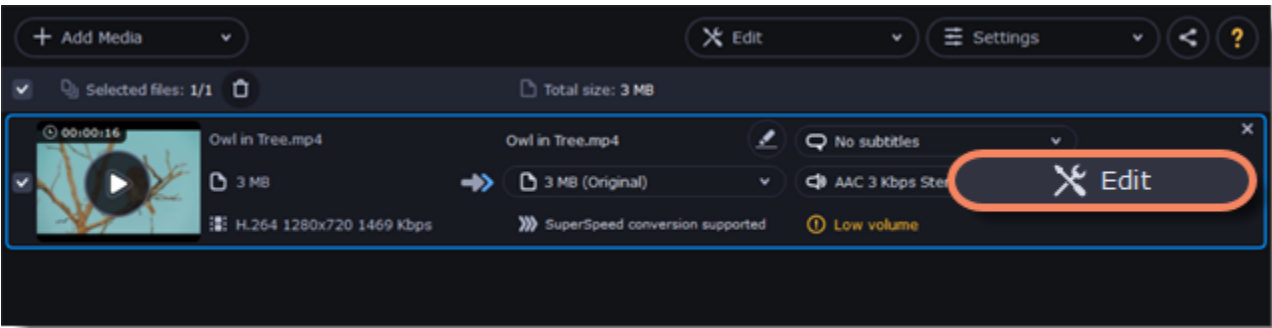
Exit edit mode

- 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.

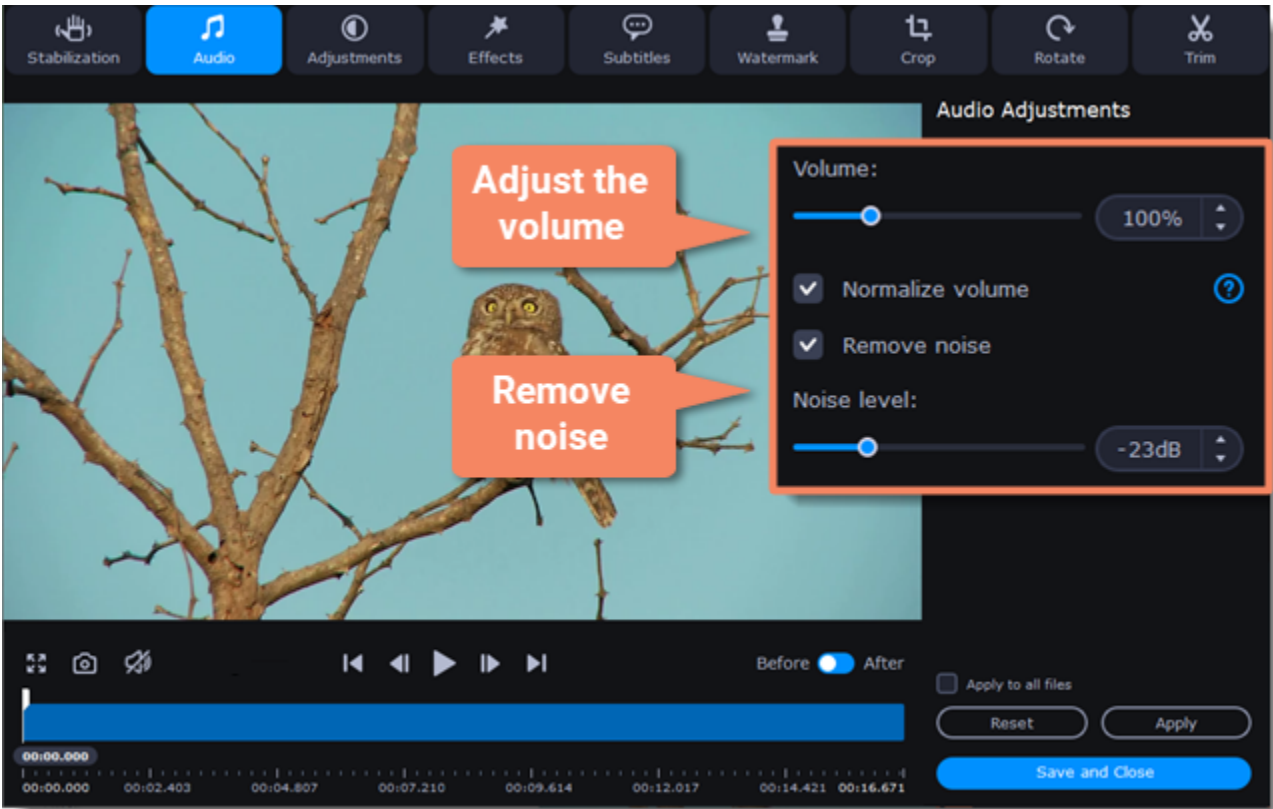


Adjust the volume

- 1. To change the volume of the whole file, drag the **Volume** slider to the necessary level, where 100% is the original volume.
- 2. 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

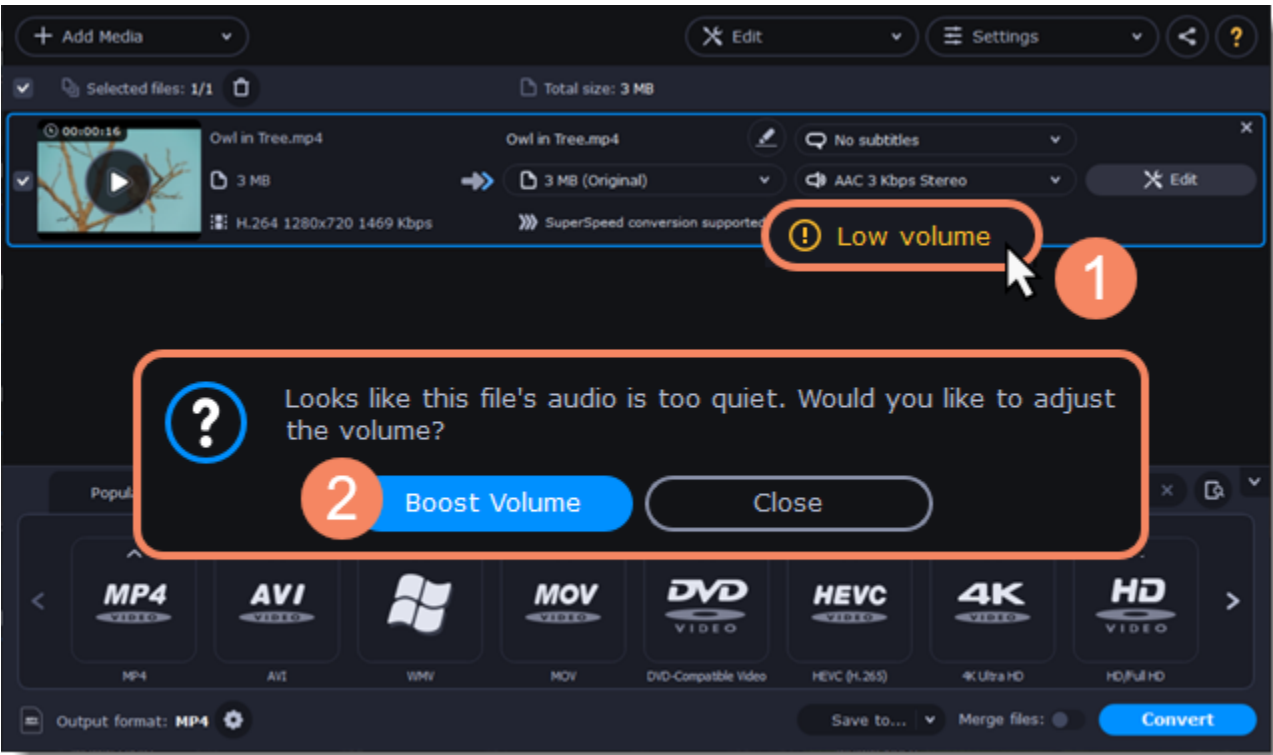
- 1. When you're finished, click **Apply** to accept the changes. To fix the volume for all the files in the list, select **Apply to all files**.
- 2. If you don't need any further editing, click **Save and Close** to close the editing window.

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.

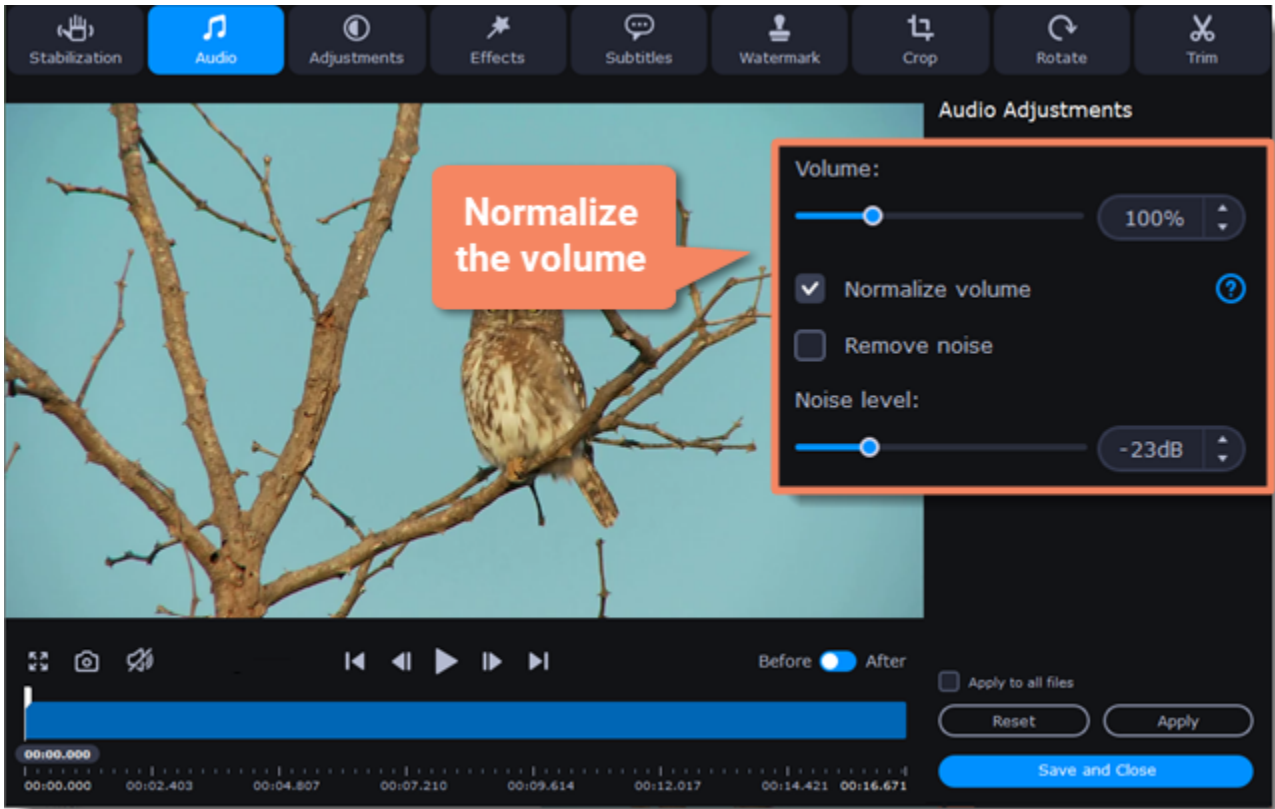
Find low volume files

- 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.



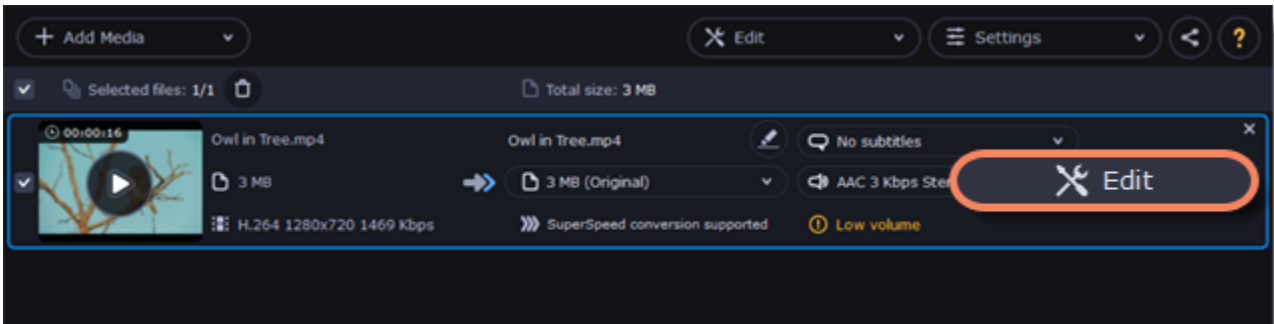
When you're finished, click **Save and Close** to return to the main window.

Stabilizing video

Videos shot on handheld cameras often look shaky and unstable, no matter how hard you try to keep the camera level, especially if you're filming sports using a portative action camera such as a GoPro®. To remove camera shake from your videos:

Enter edit mode

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



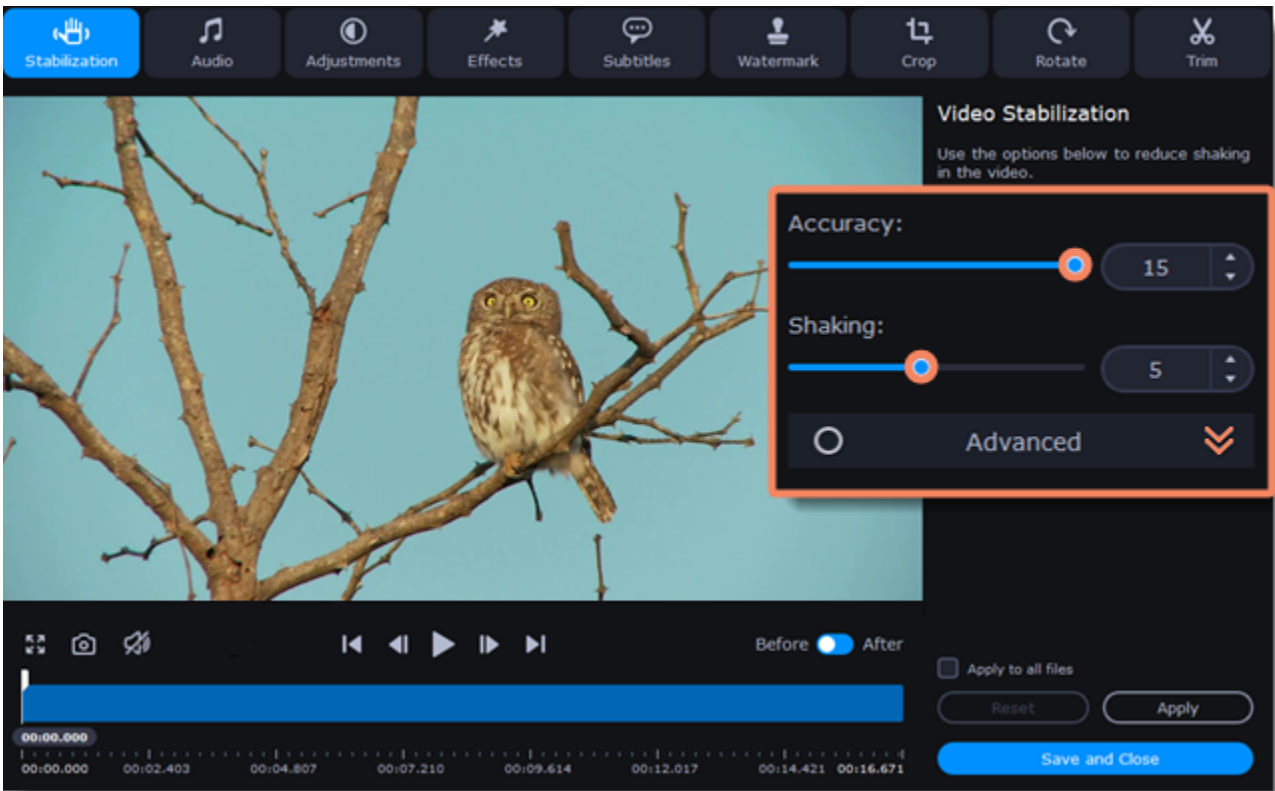
Set up stabilization

Set up stabilization with the following parameters depending on the video and the amount of shaking:

Accuracy: affects the analysis precision of the video. Higher accuracy yields the best results, but also takes more time.

Shaking: set how strongly the shaking is visible on the video.

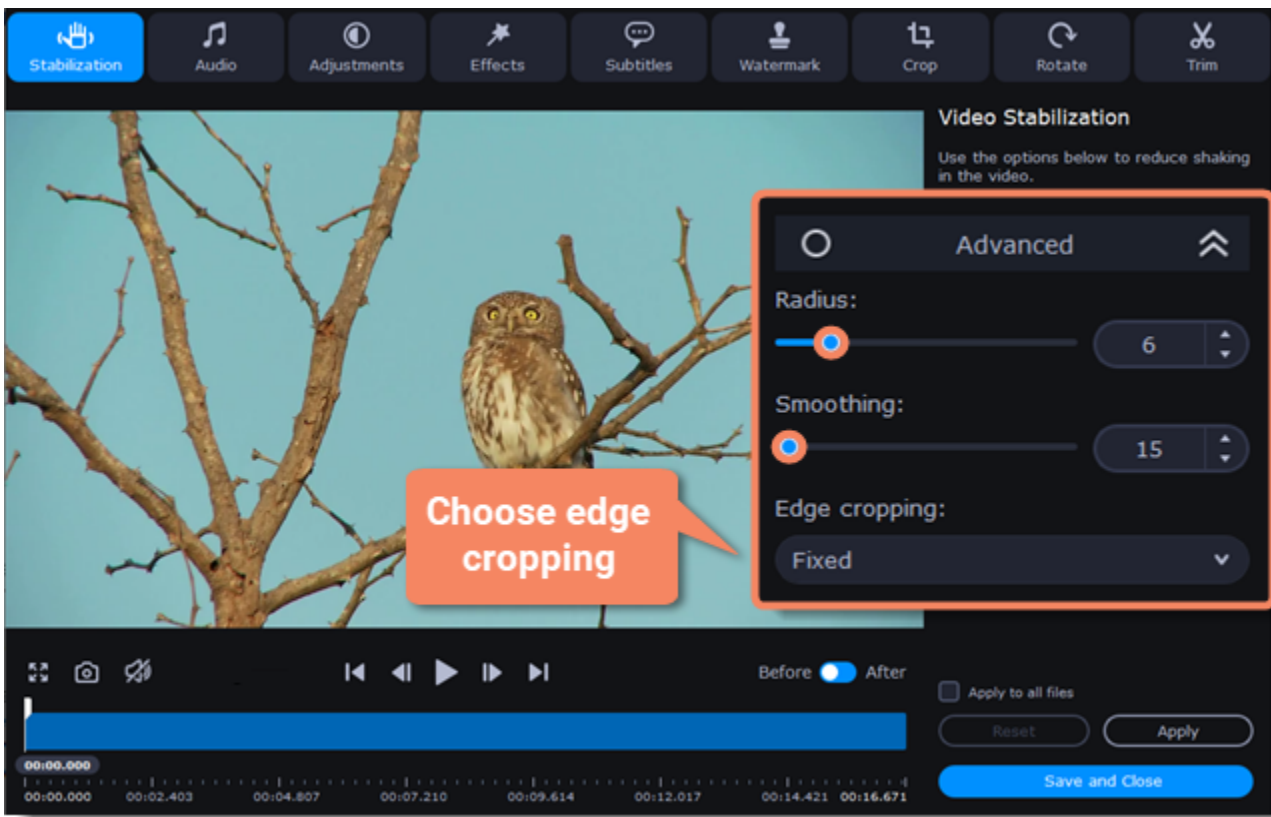
If you need more advanced settings, click the arrow under the sliders.



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:** after compensating for motion, some distortion artefacts like blurred areas may appear around the edges.
- **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.
 - **Adaptive:** whenever there is a lot of shaking, the video will zoom in so that the distorted edges are not shown.



Exit edit mode

1. Click **Apply** to accept the changes. If you have several similar files, select **Apply to all files** to stabilize them in the same way.
2. If you're finished editing the file, click **Save and Close** to go back to the main window. Stabilization will only take effect after you convert the videos.

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.

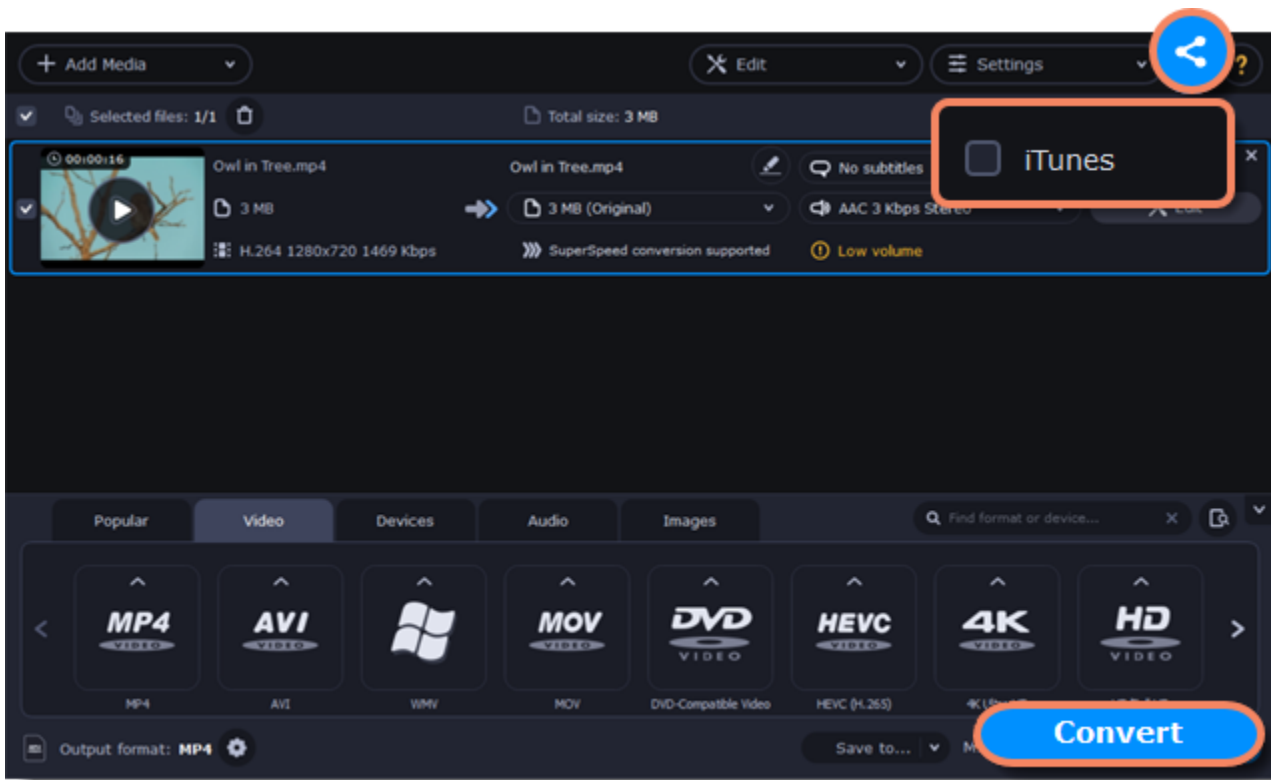
[Download iTunes](#)

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.



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.

SuperSpeed conversion

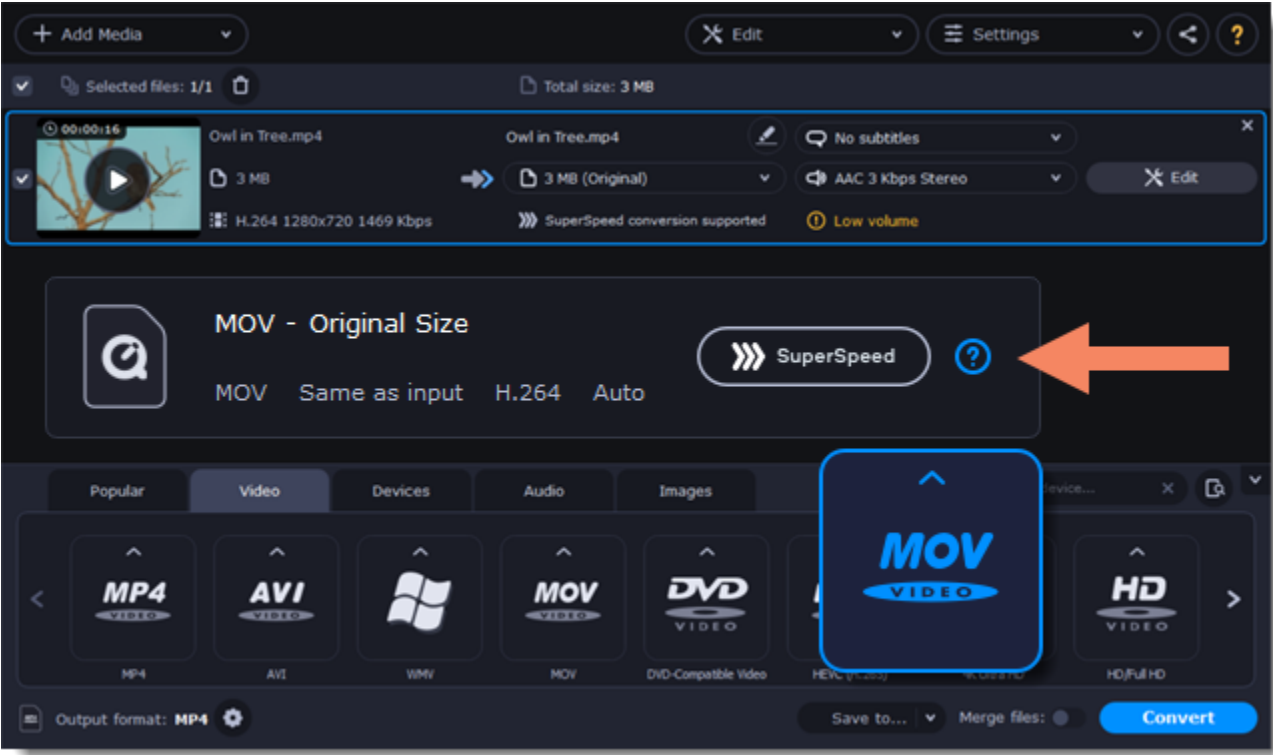
SuperSpeed mode allows you to convert video files much faster than usual without losing any quality. When you convert videos, encoding the video from one codec to another takes the most time. If you don't need to change the video codec or resolution, the video data can simply be copied to the new file,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

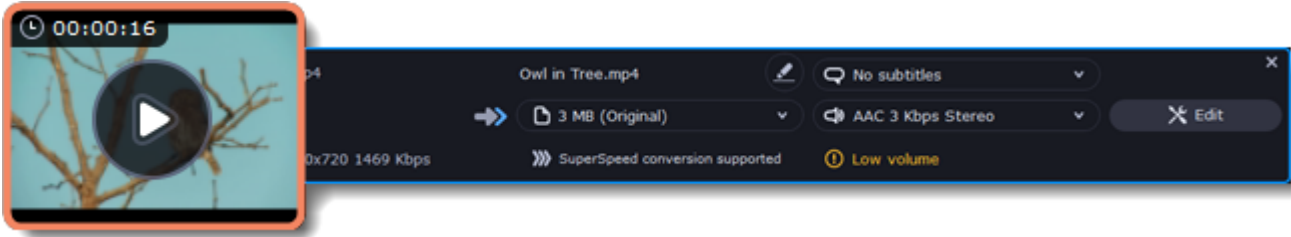
To use SuperSpeed conversion mode, choose output presets marked with the SuperSpeed badge:



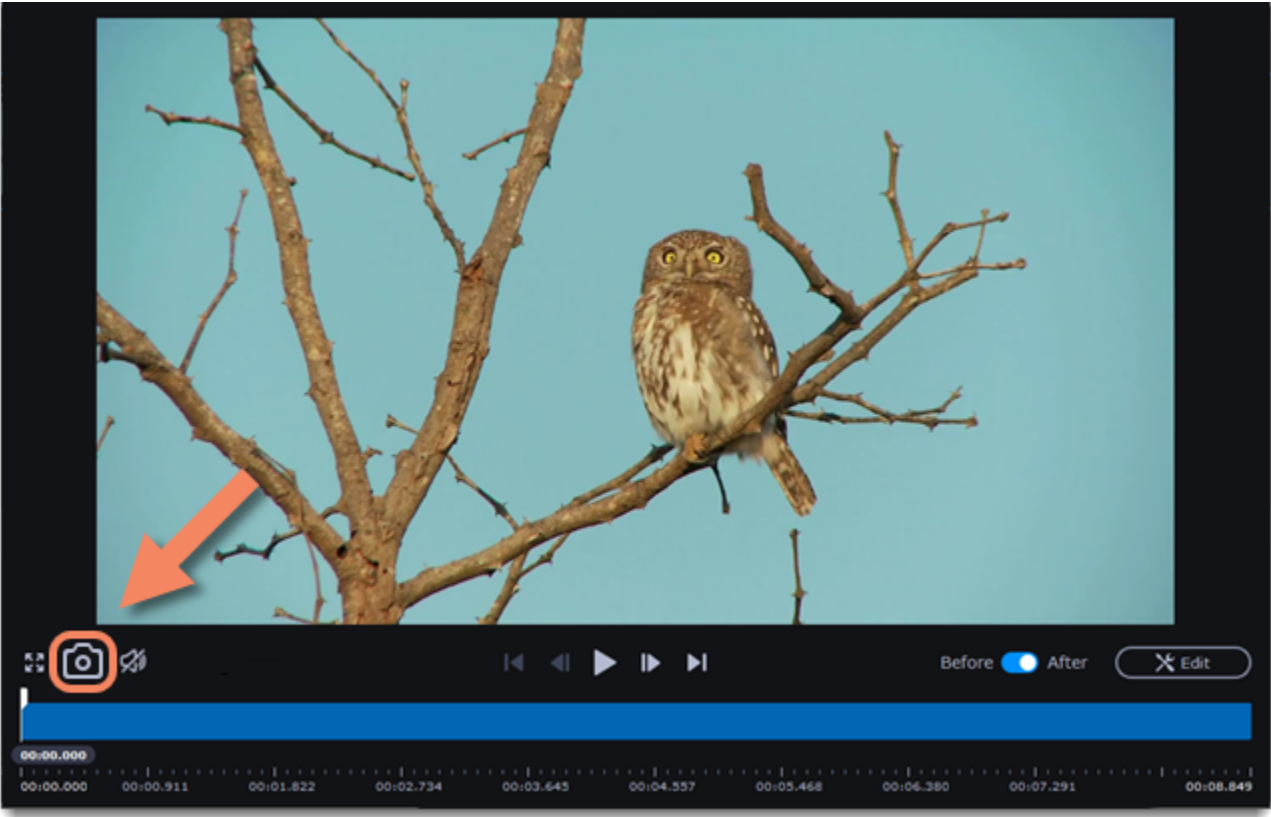
This can be a video format or a device preset that has the same codec and resolution as your original files.

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.



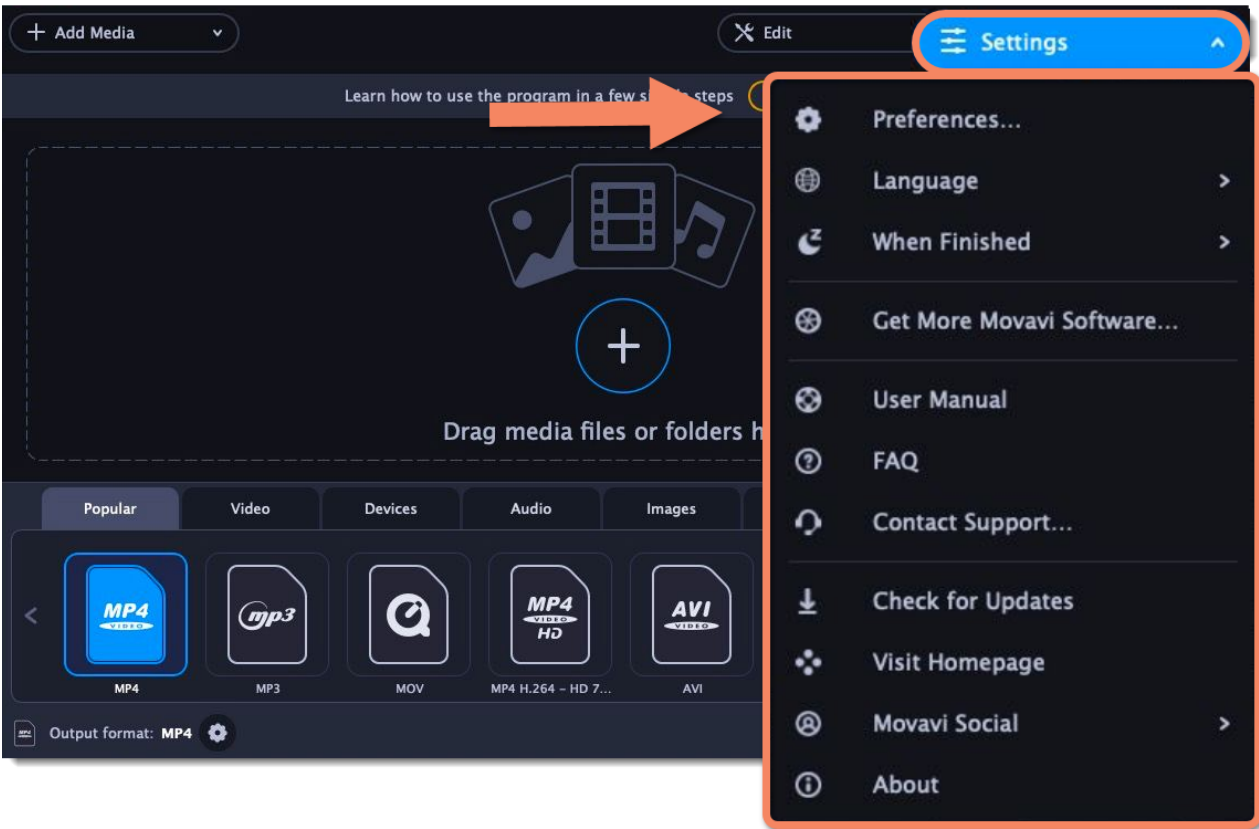
2. In the player window, move to the frame you want to save and click the **Take a Snapshot** button.



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.

- [General preferences](#)
- [Conversion preferences](#)
- [Acceleration preferences](#)

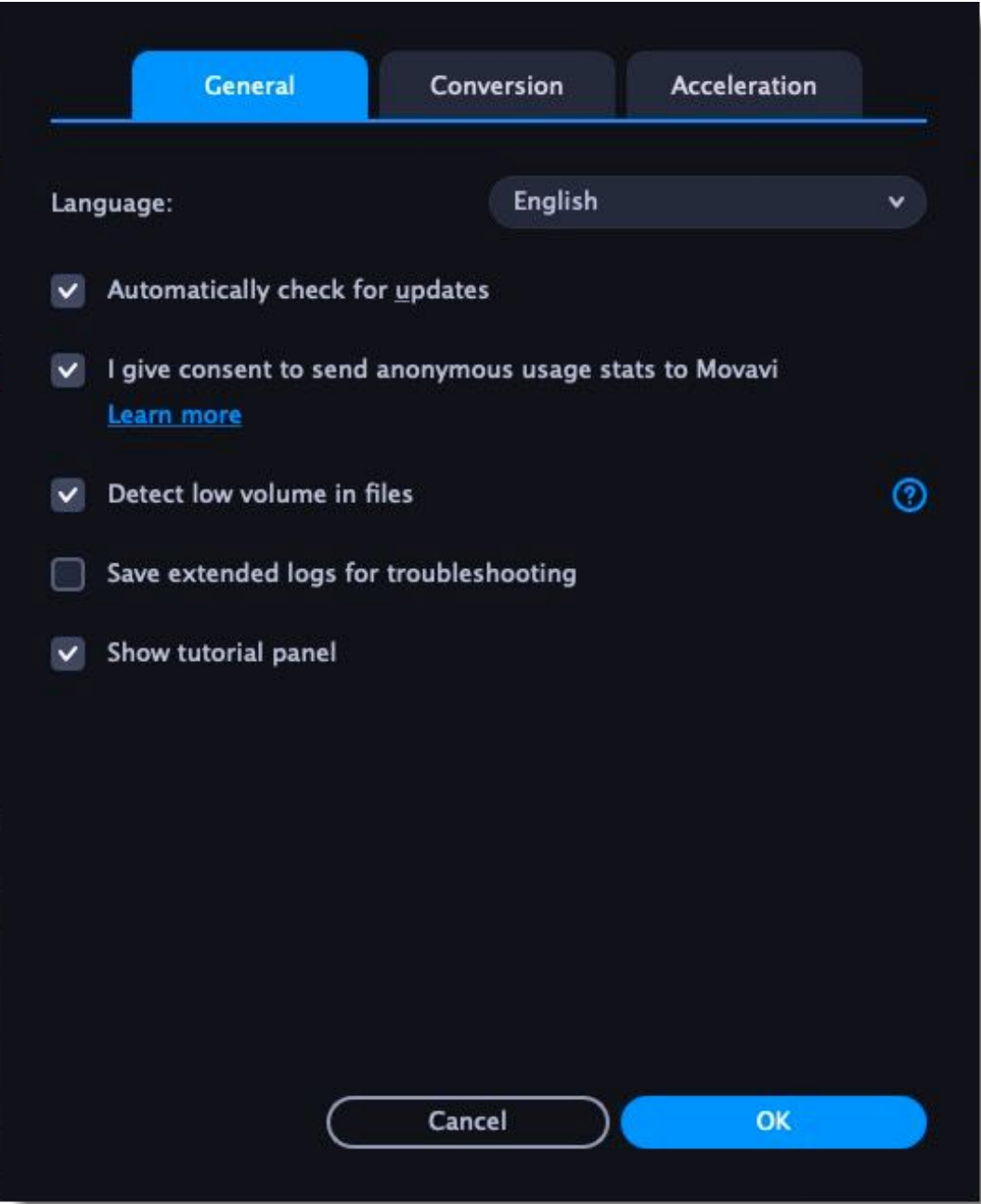
General preferences

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 not be disclosed to third parties and will be used for software improvement purposes only.

- [Learn more about how we use the statistics](#)
- [Read our Privacy Policy](#)



Conversion preferences

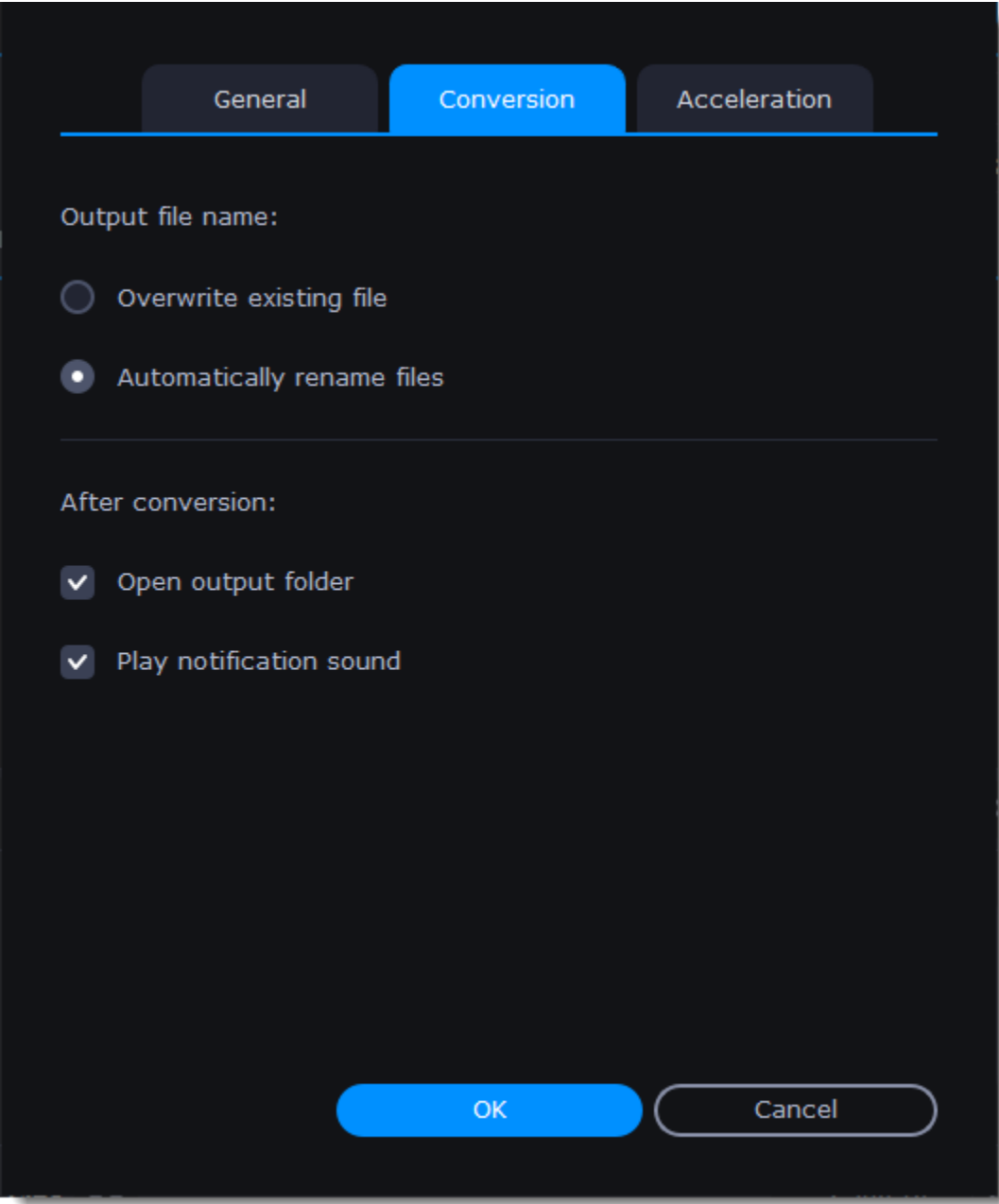
On the **Conversion** tab of the preferences, you can manage how files are converted.

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.

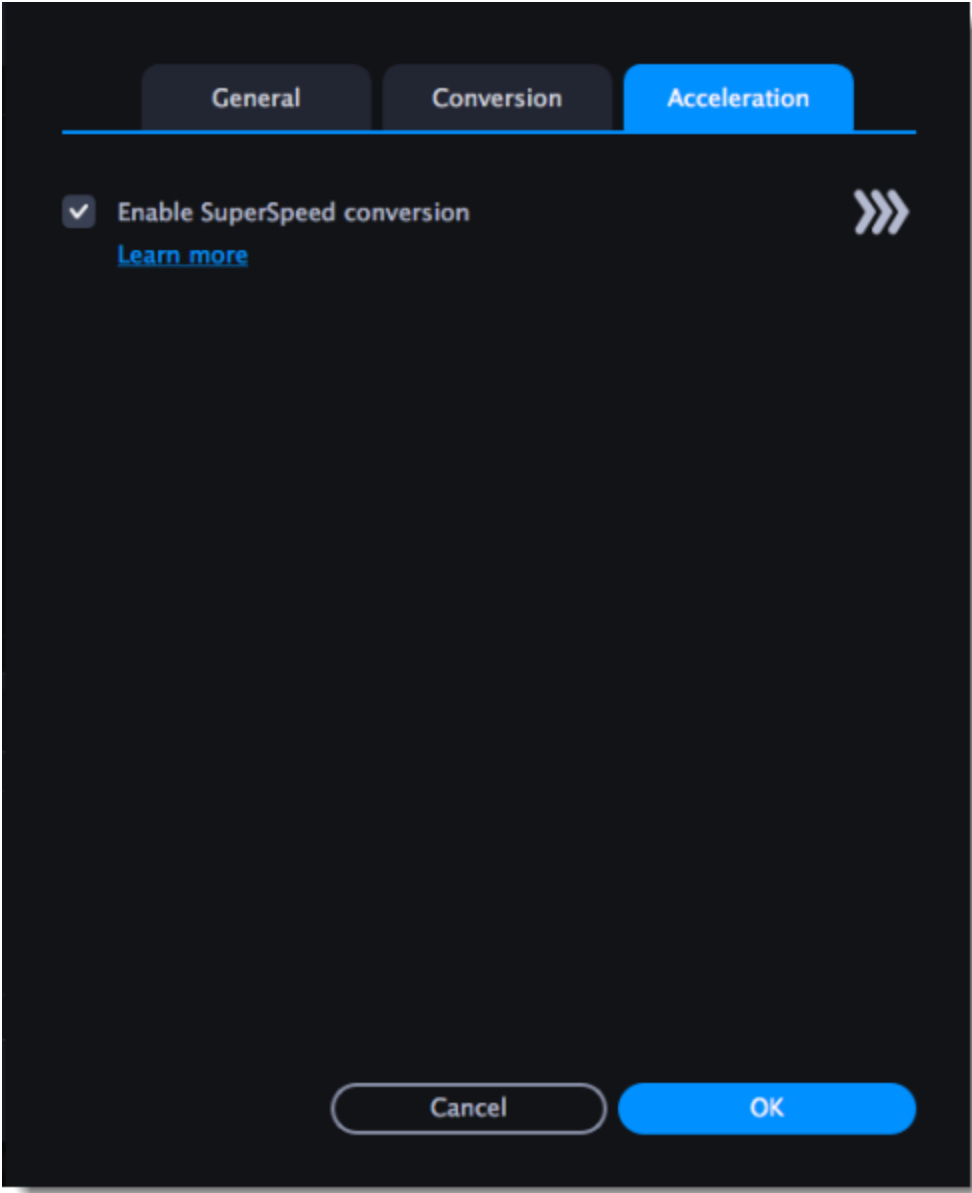
Under *After conversion*, you can choose what happens when conversion is finished:

- **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.



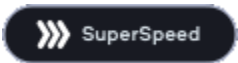
Acceleration preferences

On the **Acceleration** tab of the Preferences, you can accelerate conversion using the latest technologies.



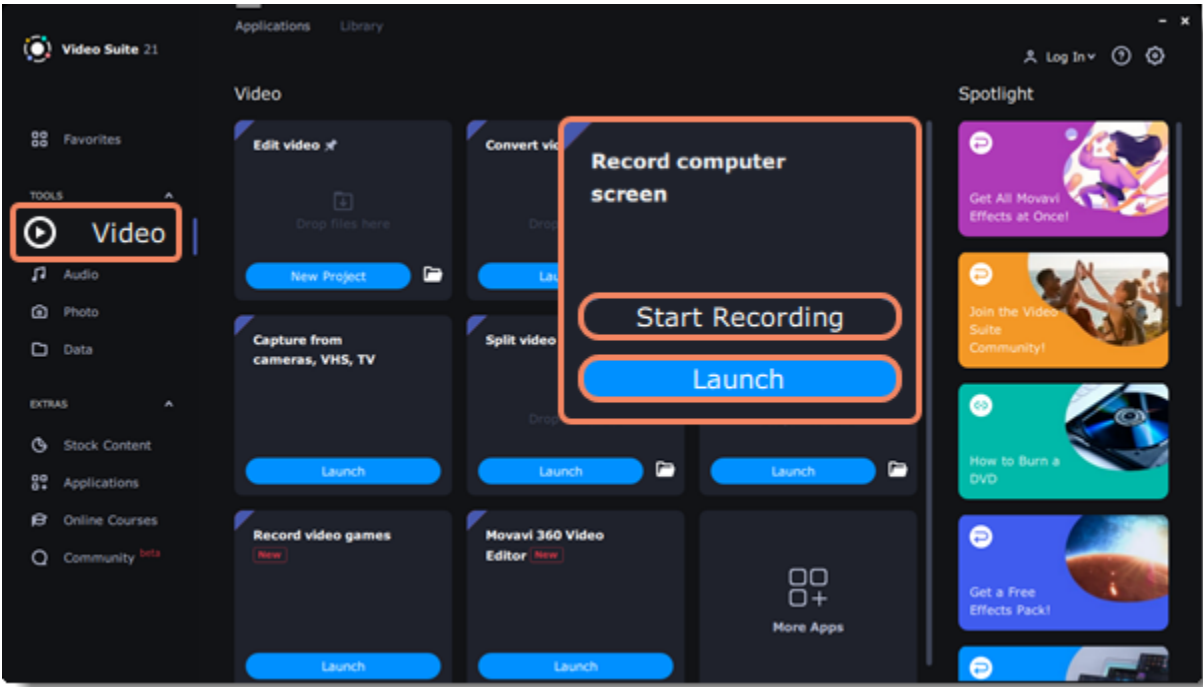
Enable SuperSpeed conversion

- SuperSpeed is an express conversion mode that converts compatible formats over 50x faster than regular conversion.
- SuperSpeed works if the output codec is the same as the original codec, and no effects have been applied to the video.
- When choosing an output format, look for presets with the **SuperSpeed** badge. This means that converting to this format will be much faster than others.



Record computer screen

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, click **Video** on the **Tools** menu. Then click **Launch** on the **Record computer screen** tile to launch the screen capture program and set up your capture preferences. If you want to start recording right away, click **Start Recording** on the **Record computer screen** tile. 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](#)

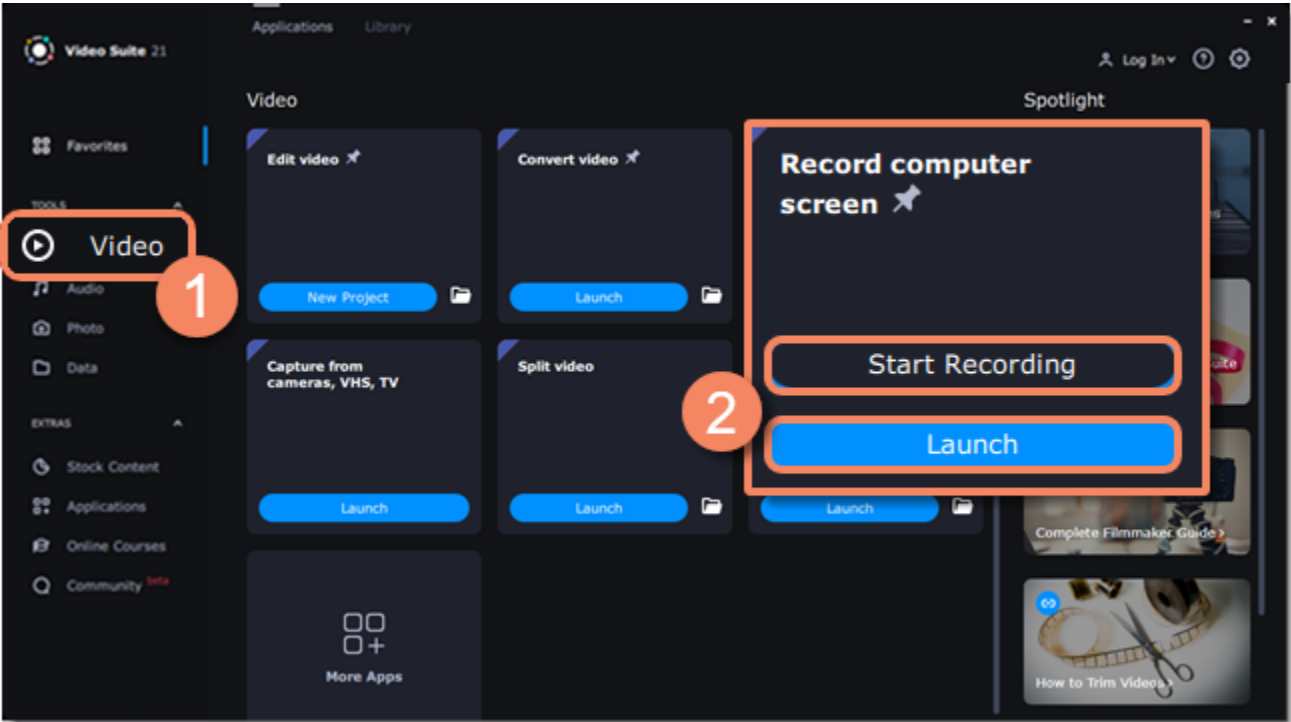
Take, edit, and share screenshots in a couple clicks.

How to open the capture module

To open the screen capture module:

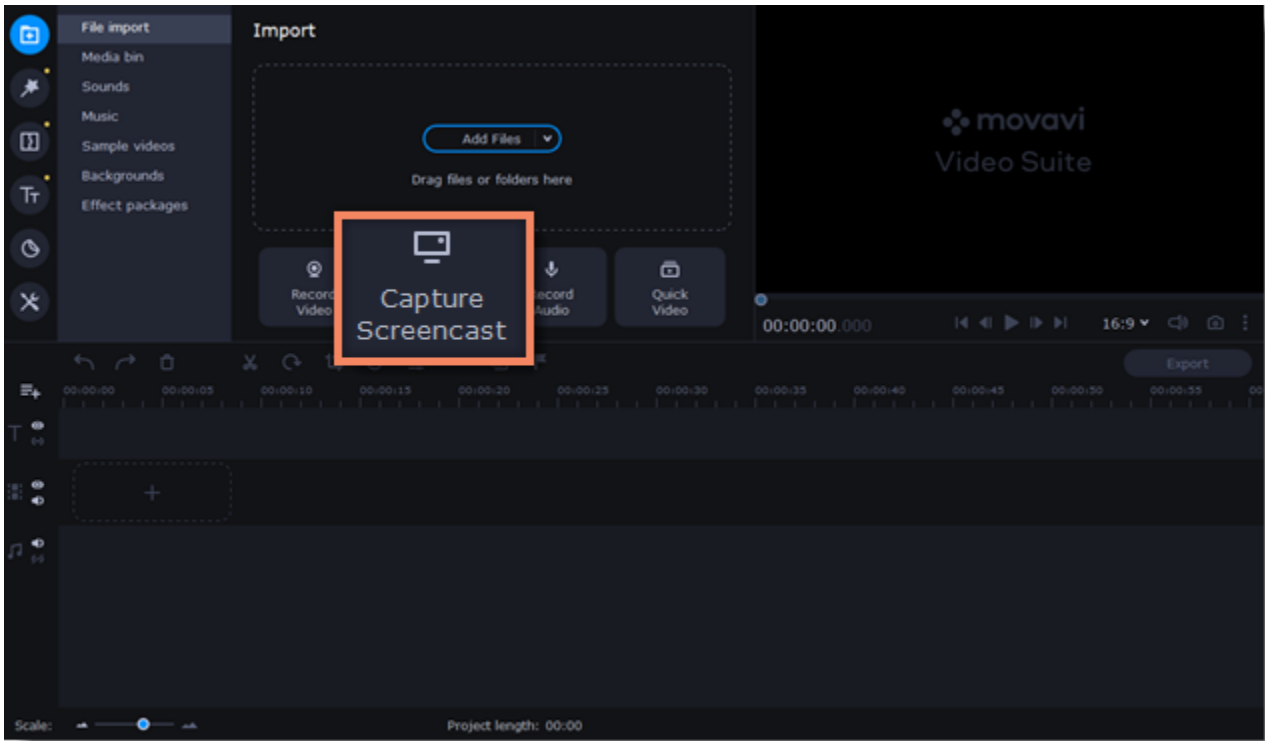
From launch module

In the Movavi Video Suite launcher, click **Video** on the **Tools**. Then click **Launch** on the **Record computer screen** tab to launch the screen capture module. If you want to start recording right away, click **Start Recording** on the **Record computer screen** tab.



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.

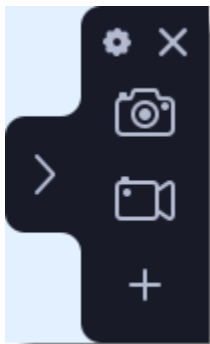


Control panel

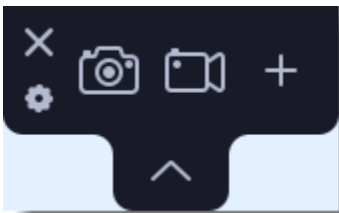
The compact control panel is the first thing you see when you launch Movavi Screen Recorder. The panel provides you with quick access to all basic tools without blocking the content on your screen.

By default, the panel will be located at the right side of your screen, but you can pin it to any side you like.

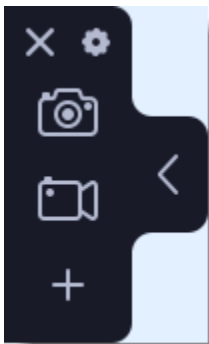
*Note that the panel **cannot** block the Dock taskbar (located below by system default).*









Right border position (default)

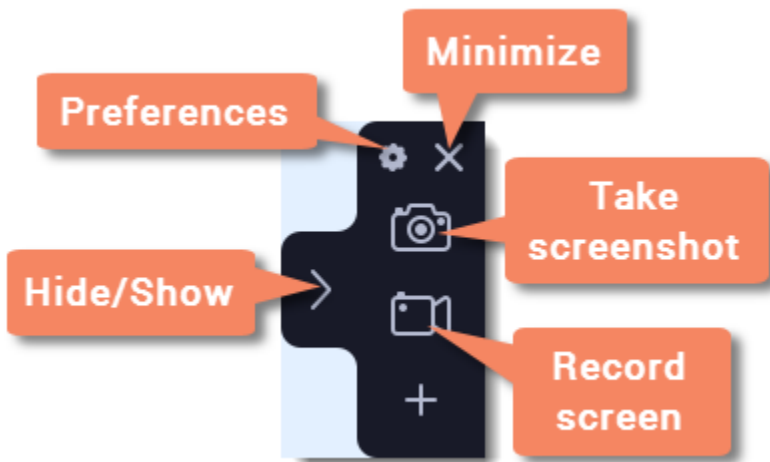


Upper border position




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.

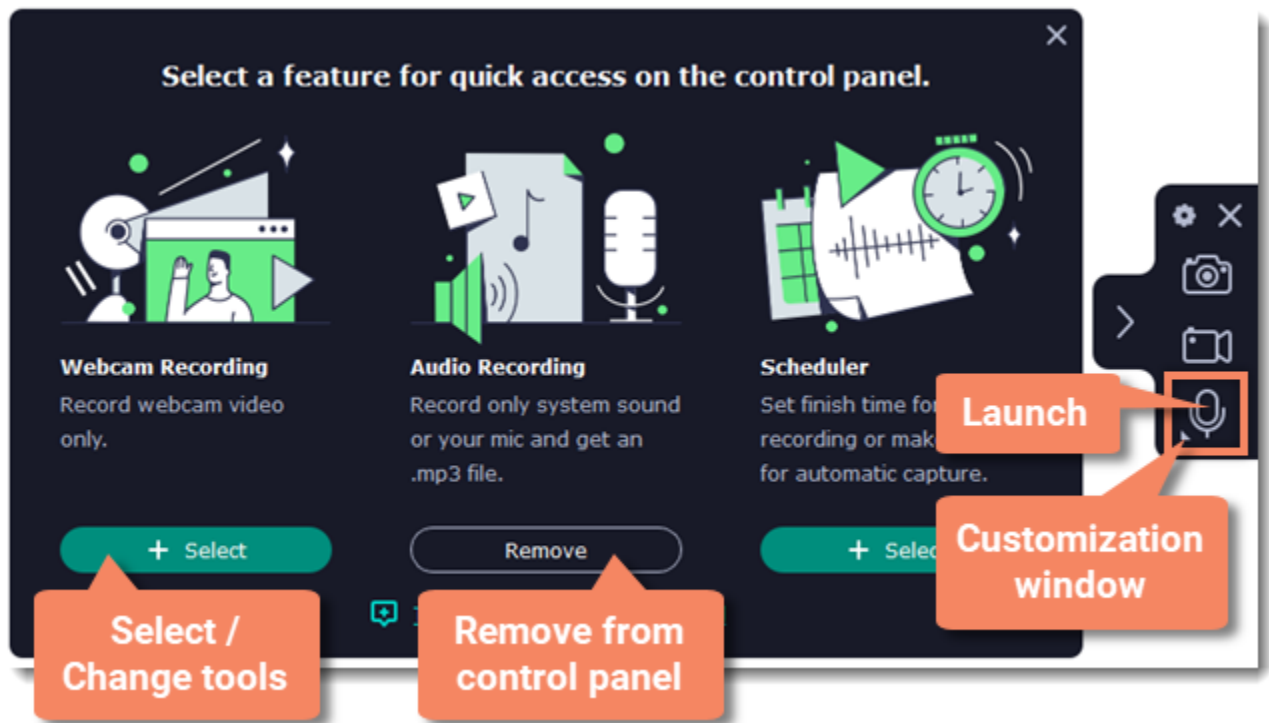


Widget management

You can also add one other tool to the control panel for quick access: [audio recording](#), [webcam recording](#), or the [scheduler](#).

1. On the control panel, click the plus button  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.

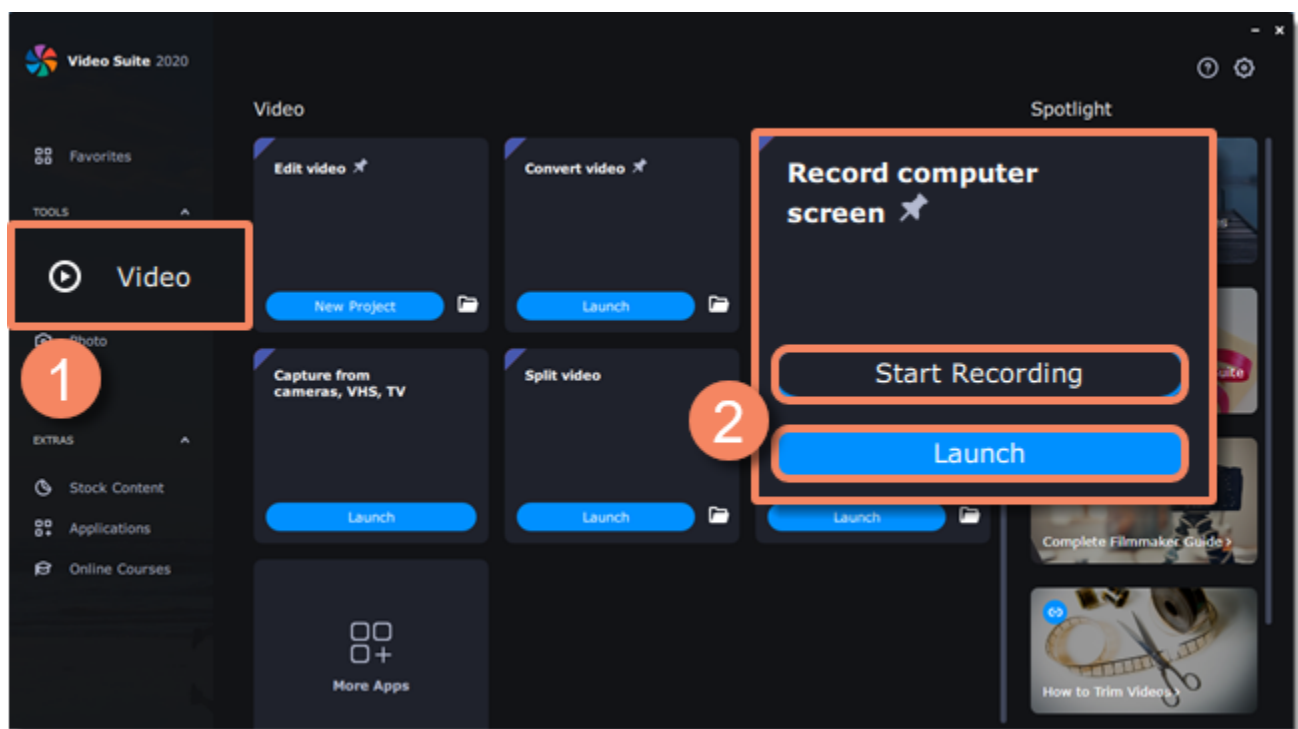
- To change the quick access tool, click the arrow beside its icon and click **Select** below a different tool.
- To remove a quick access tool, click **Remove** in the customization window.



Recording video from screen

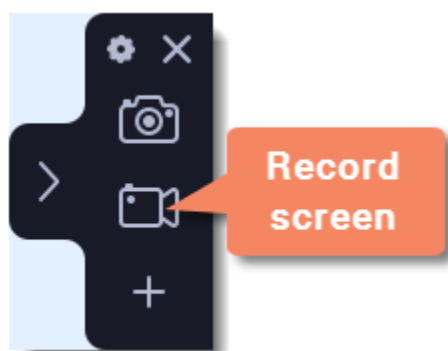
Launch Screen Recorder

1. Open Movavi Video Suite and click **Video** on the **Tools**.
2. Then click **Launch** on the **Record computer screen** tab to launch the screen capture module. Here you can set up the capture area.
3. If you want to start recording right away, click **Start Recording** on the **Record computer screen** tab. 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.



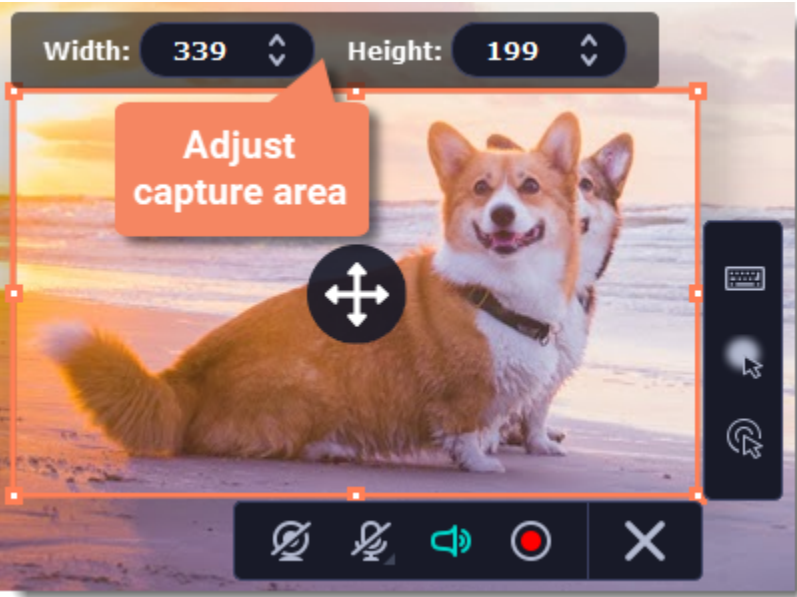
Step 2: Set up the capture area

1. Click the **camera**  button on the control panel or press **#2**. 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.

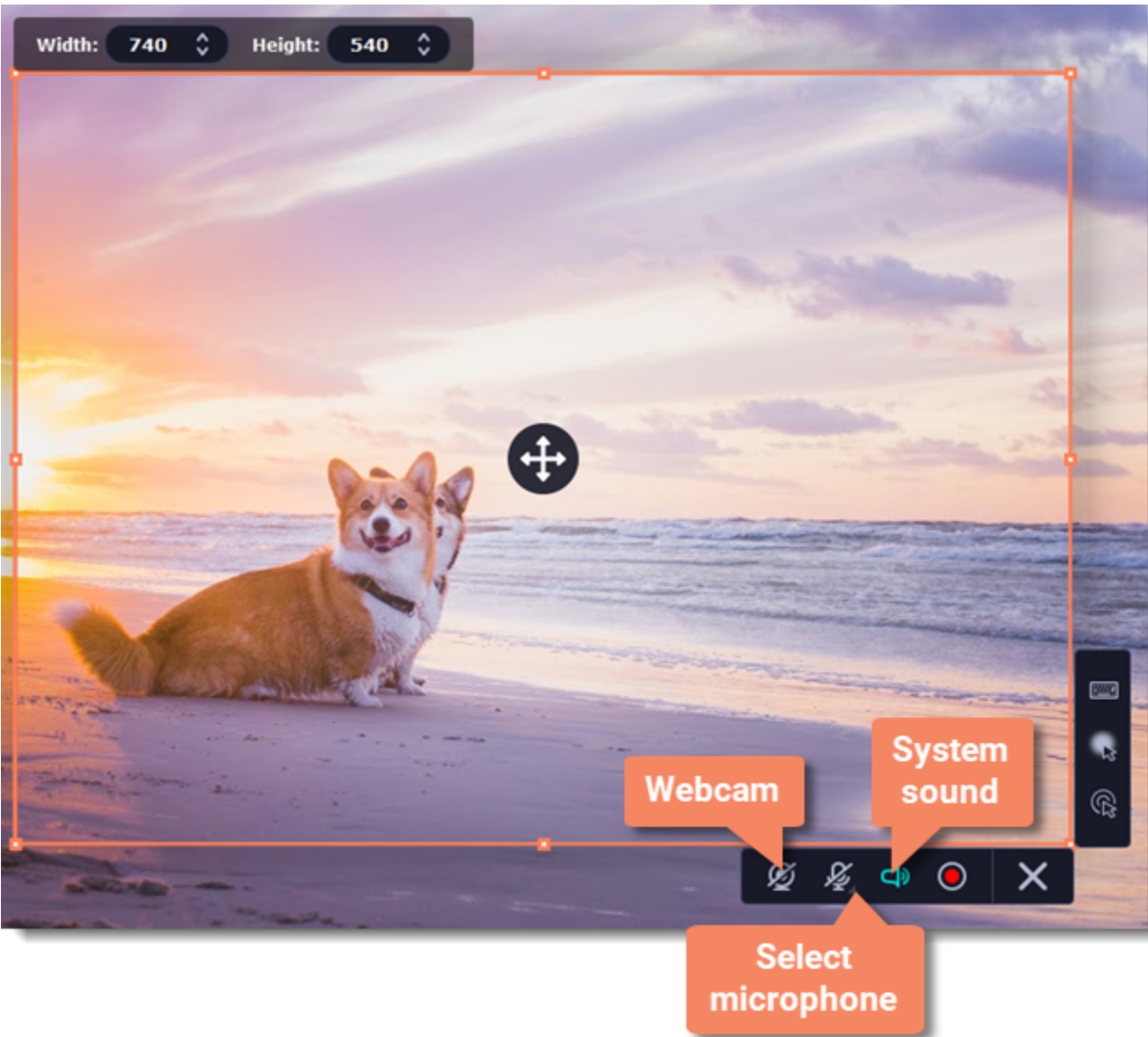


Step 3: Set up the sound and webcam

By default, only the system sound recording is on. To enable webcam and microphone recording, click the corresponding icons:

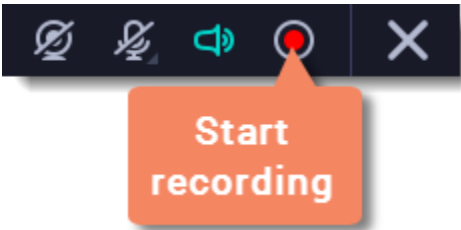
-   – Webcam off/on
-   – Microphone audio recording off/on
-   – System audio recording off/on

If you have more than one microphone connected, select the one you need from a list next to the mic icon.



Step 4: Start recording

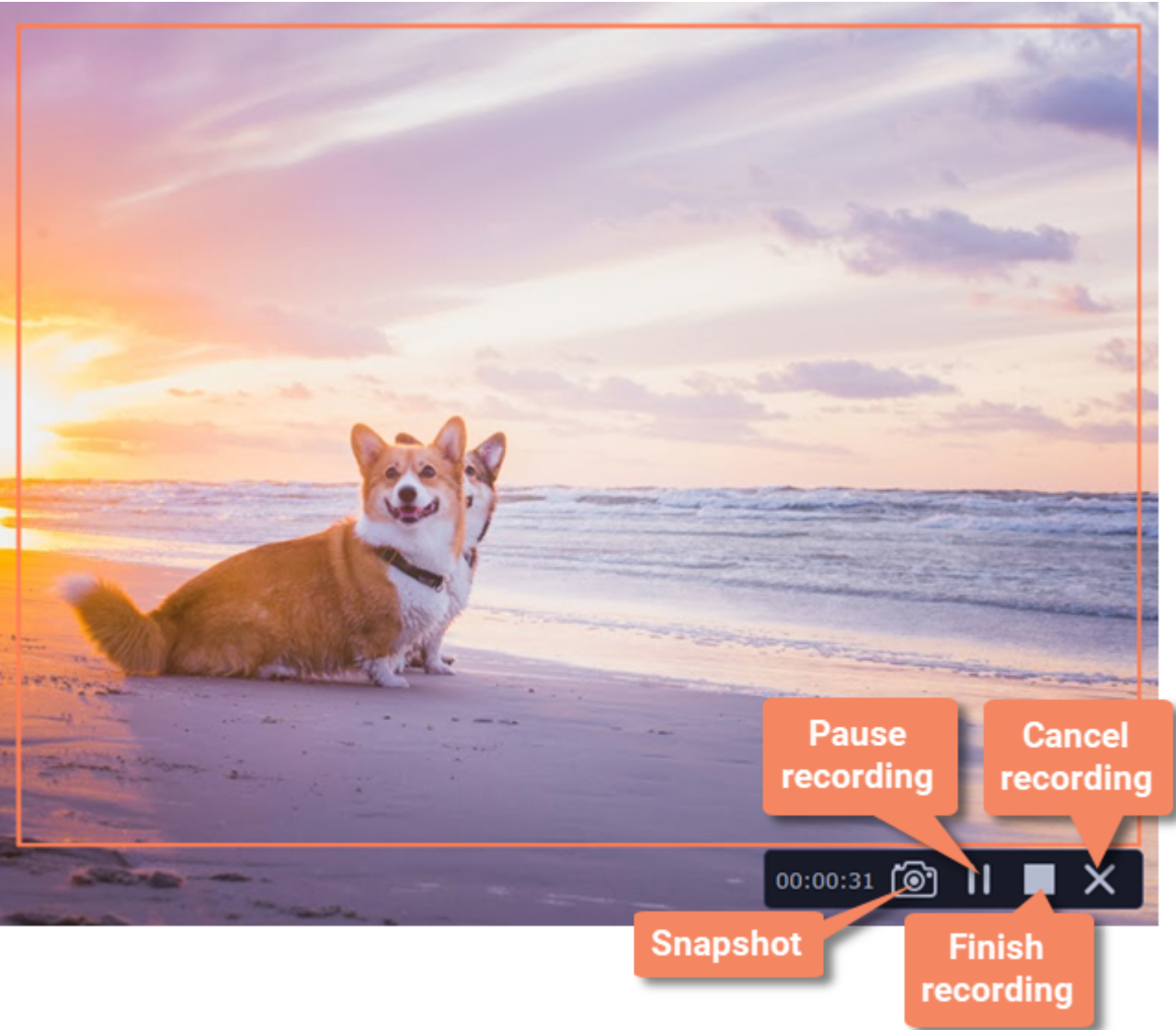
When you're ready to begin, click the **REC** button. You will be given a 3-second countdown before the recording begins.



Use these keyboard shortcuts to control the recording process:

- ##1 - pause the recording
- ##3 - take a snapshot of the capture area
- ##2 - end capture and save the recording

Tip: these are the default hotkeys. You can change them in the Keyboard Shortcuts section of the Preferences.



When you're ready to finish your recording, click **Stop** on the recording panel or use the **##2** keyboard shortcut .

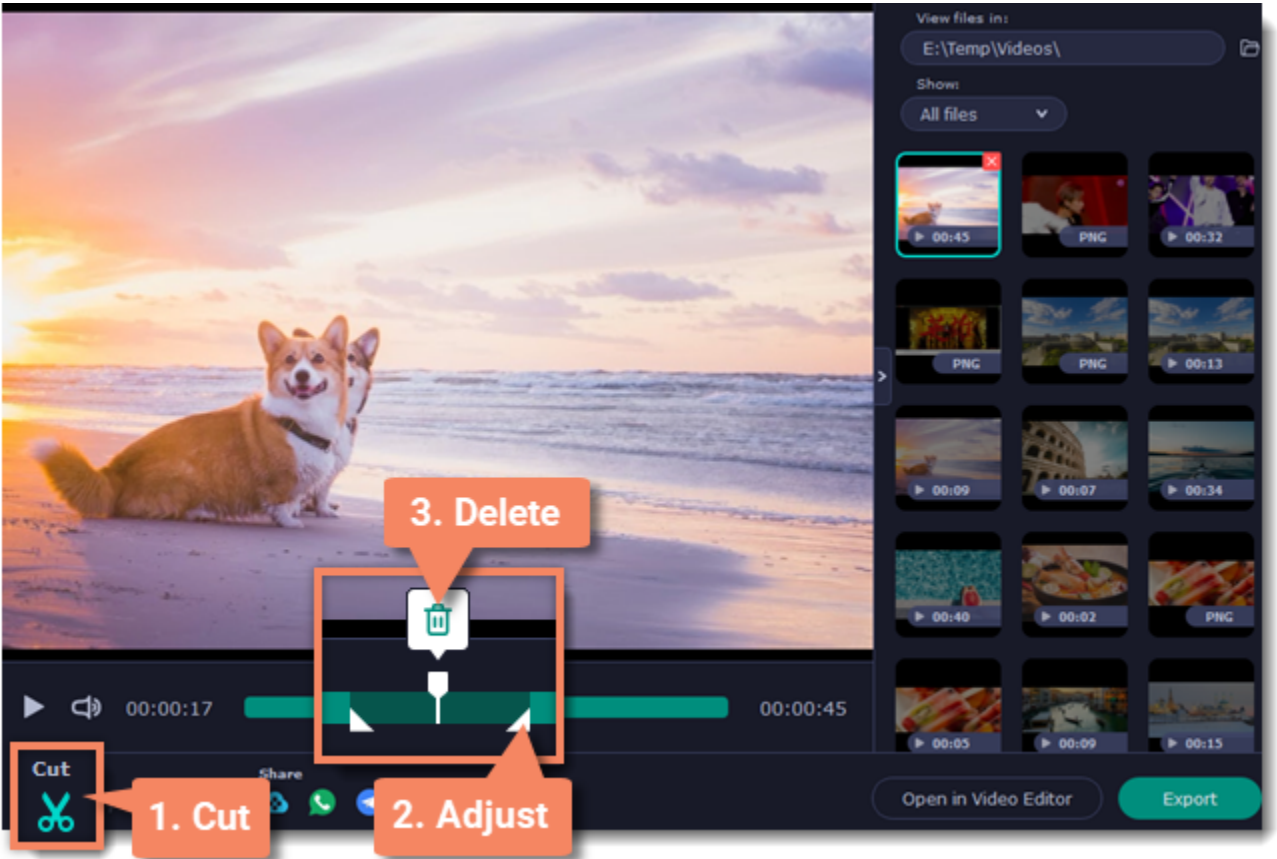
Step 5: Edit the recording (optional)

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 save it in a different format.

Cutting the recording

To cut out a fragment:

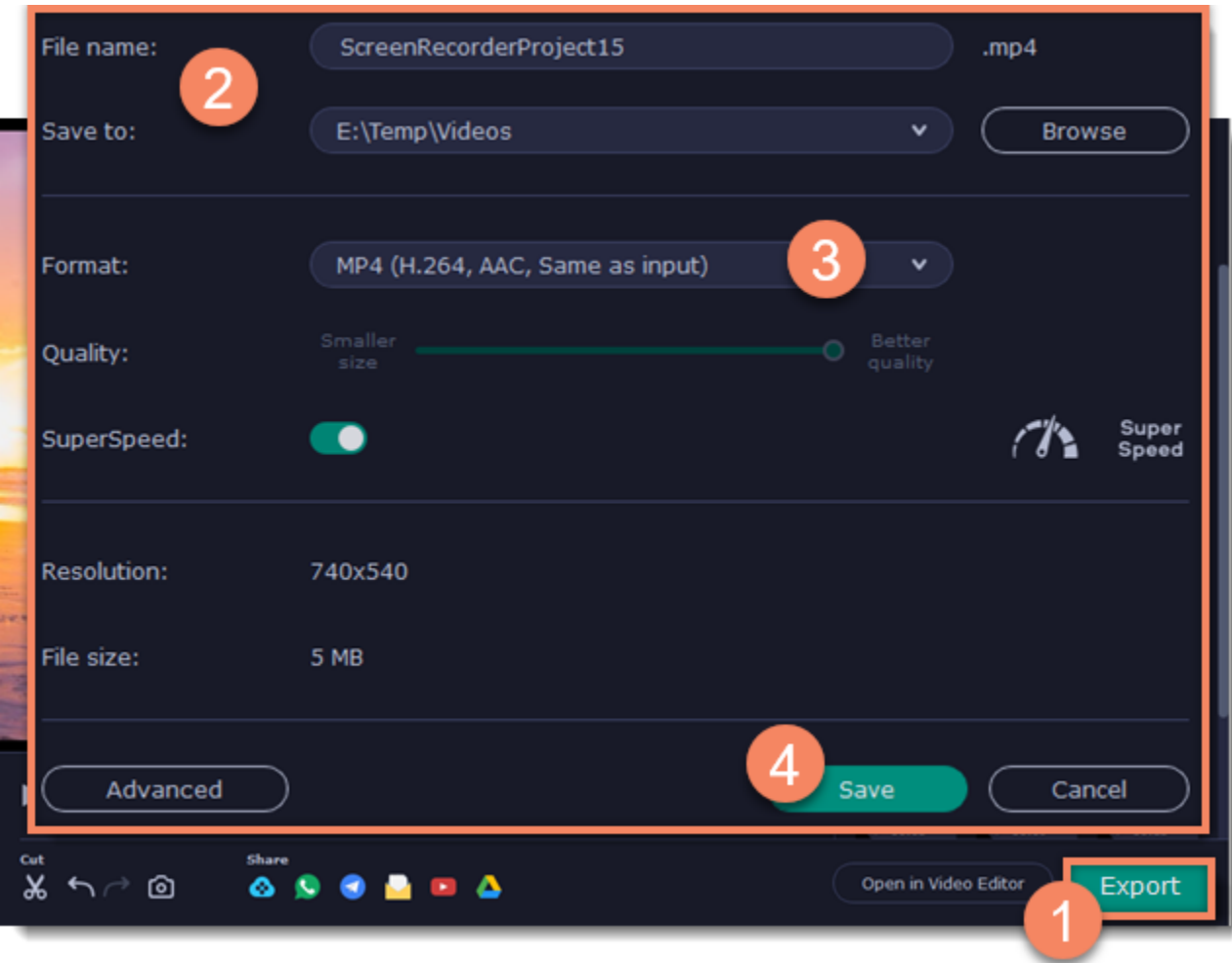
- 1. Place the position marker around the unwanted fragment and click the **scissors** icon.
- 2. Move the **cut markers** to adjust the fragment exactly as you want.
- 3. Click the **trash can** button.



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.

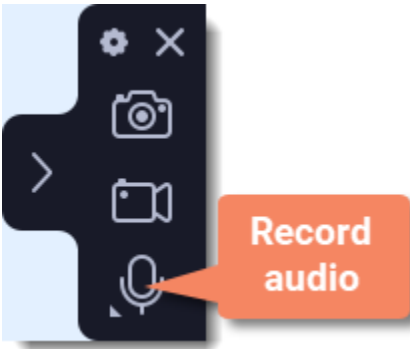


Recording audio only

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 [control panel](#), 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  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.



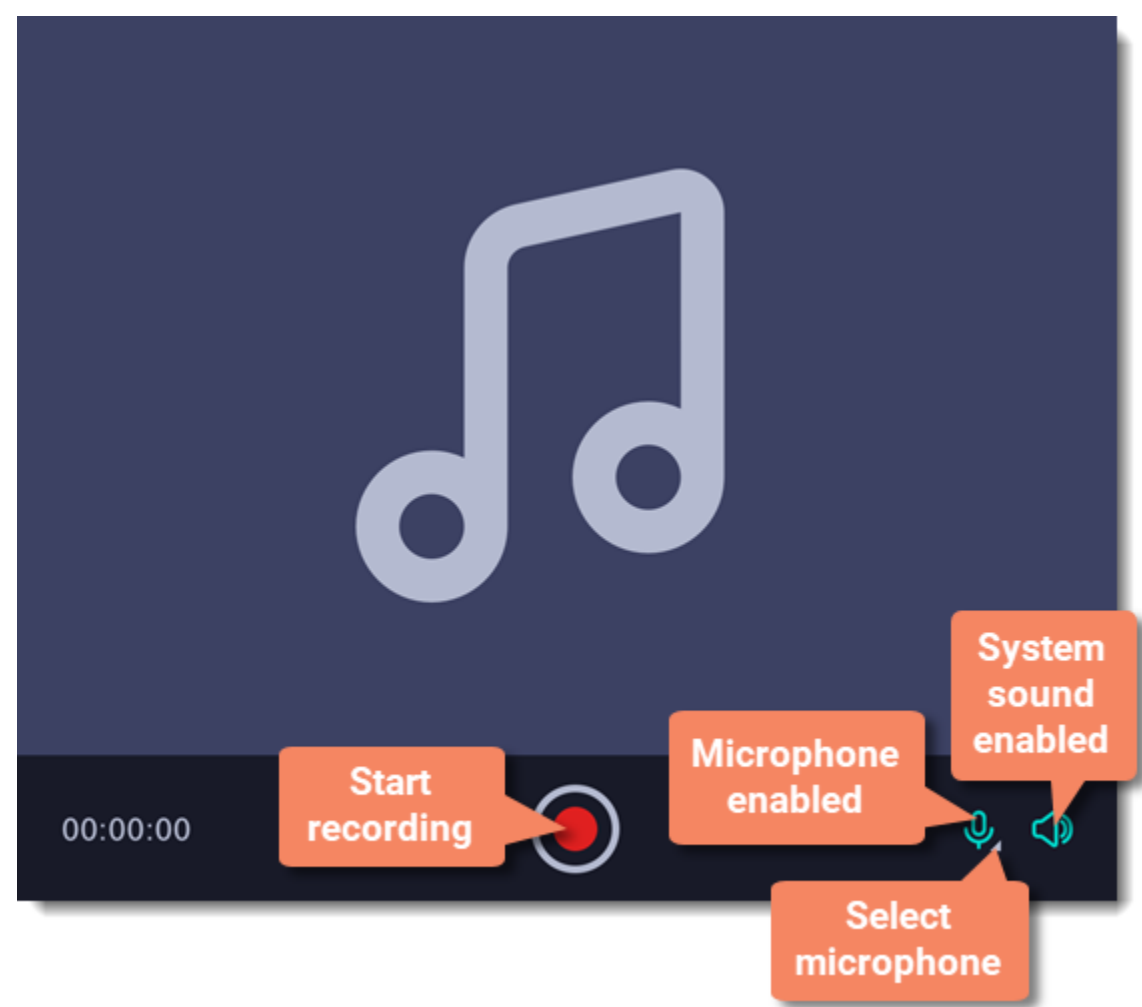
Recording microphone audio


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.

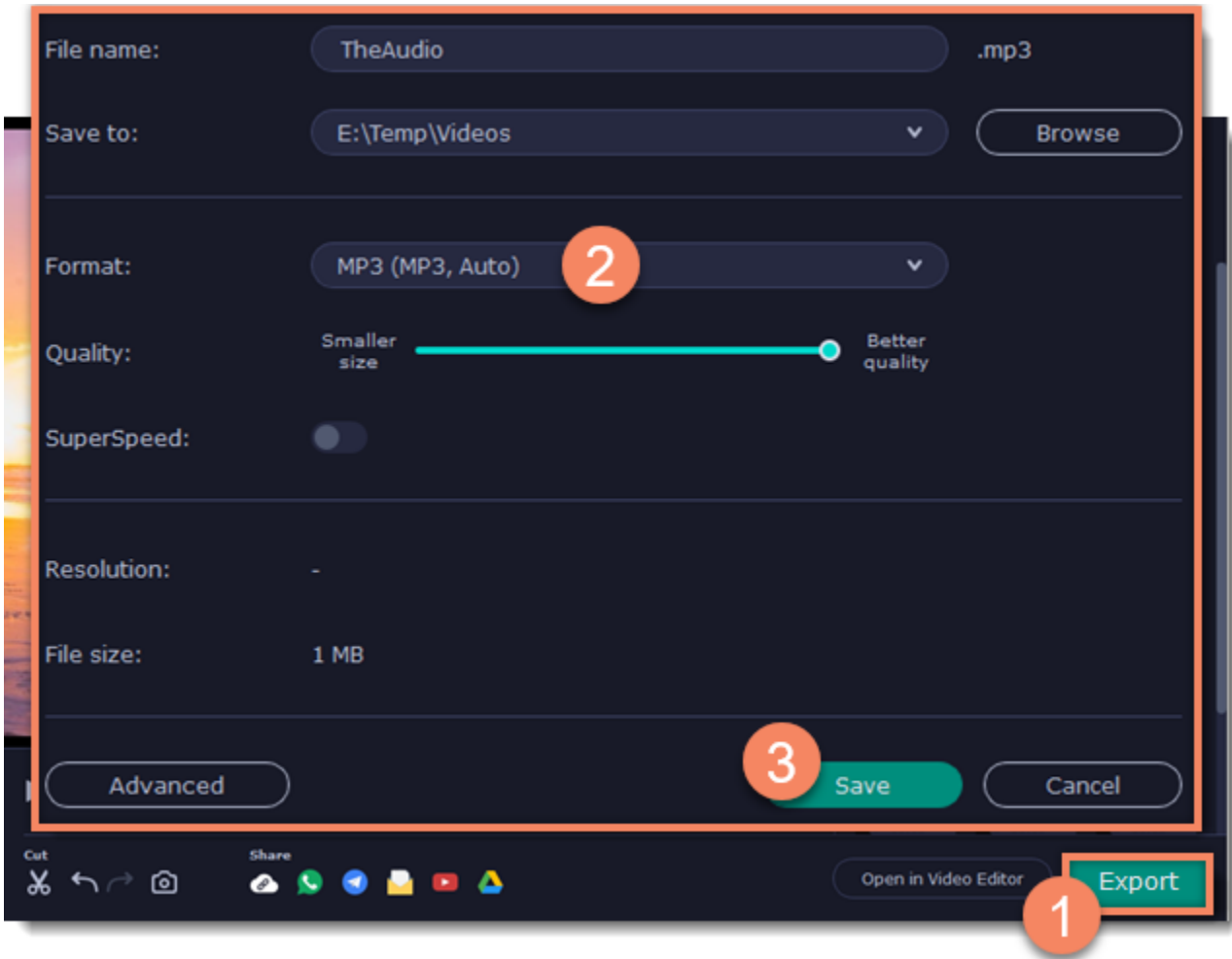


To end the recording, press **##5** or click **Stop**  on the recording panel.

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, [cut out unwanted fragments](#) 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.

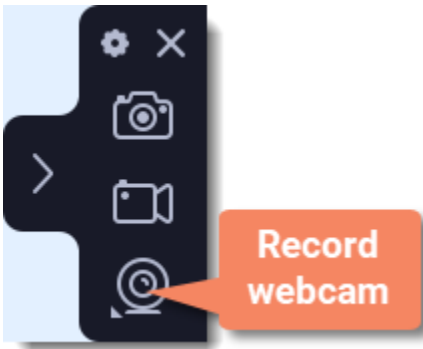


Recording webcam only

You can record your webcam footage without recording screen activity.

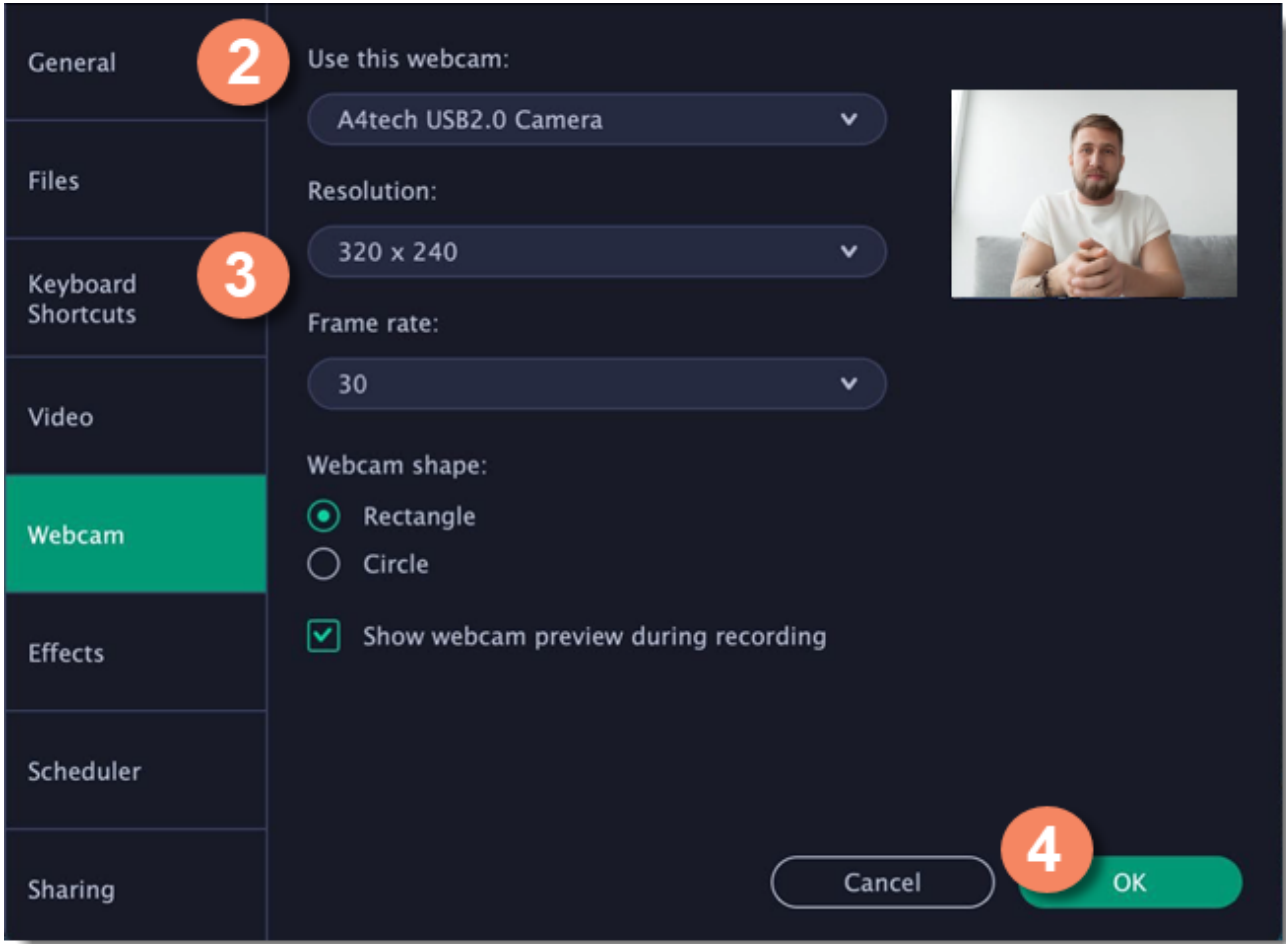
Step 1: Launch the webcam recording tool

1. On the [control panel](#), click the plus button  to open the **customization window**. Click **Select** below "Webcam Recording" to add it to the control panel.
2. Click the **webcam** button  to start the widget.



Step 2: Set up the webcam

1. In the program menu, click Settings and select **Preferences**. In Preferences, go to the [Webcam](#) tab.
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:
 - 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.



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

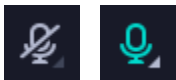
To record music, online videos, and any other sounds playing on your computer, click the **system audio** button.



Microphone

You can record audio from your webcam's built-in microphone, or use an external microphone for better sound quality:

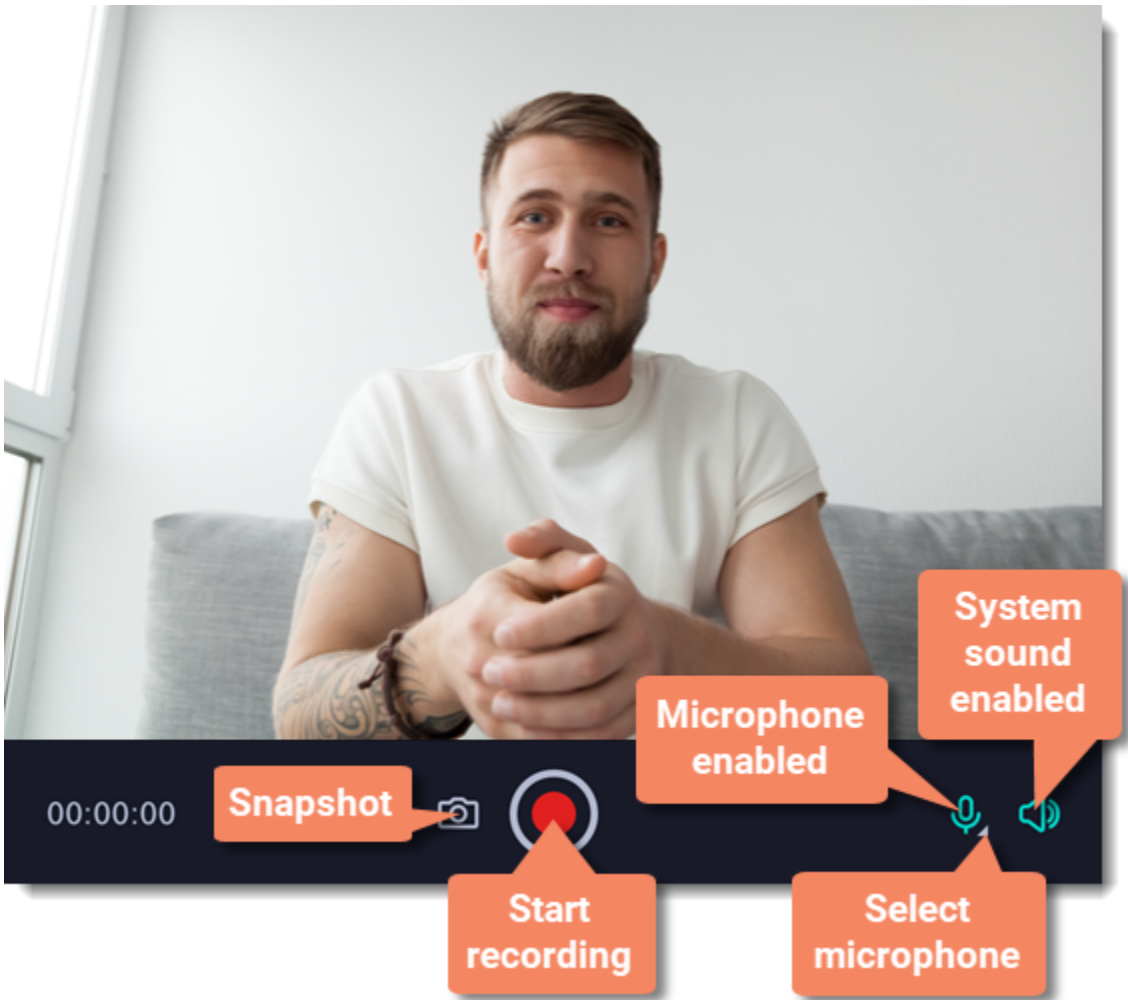
1. Click the **Microphone** button to enable recording from external devices.
2. Click the arrow above and choose the microphone you want to use from the list.




off on

Step 4: Record your video

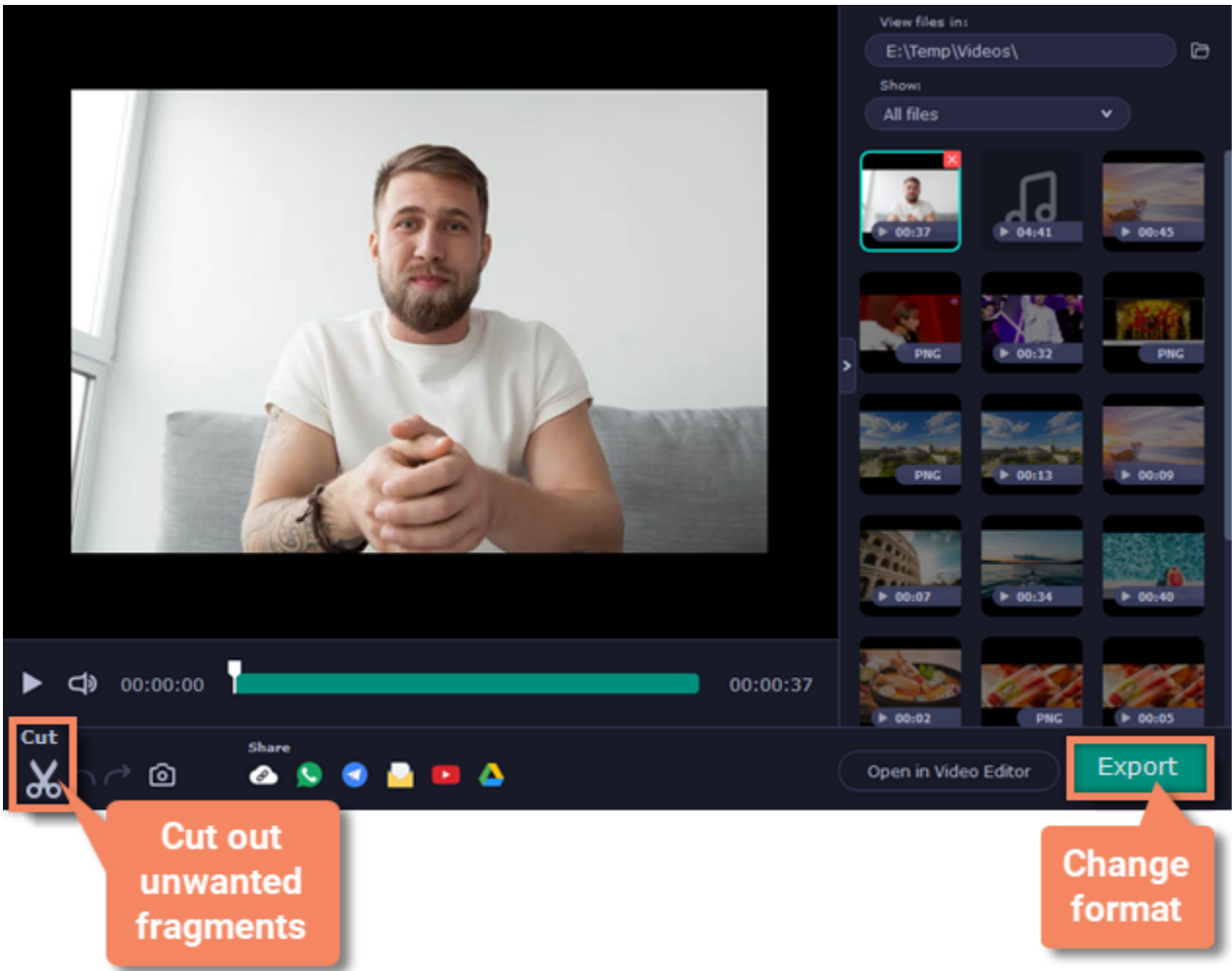
When you're ready to begin, click **REC** to start recording. You will be given a 3-second countdown before the recording begins.



To finish the recording, press **##6** or click **Stop**  on the recording panel.

Step 5: Edit and export

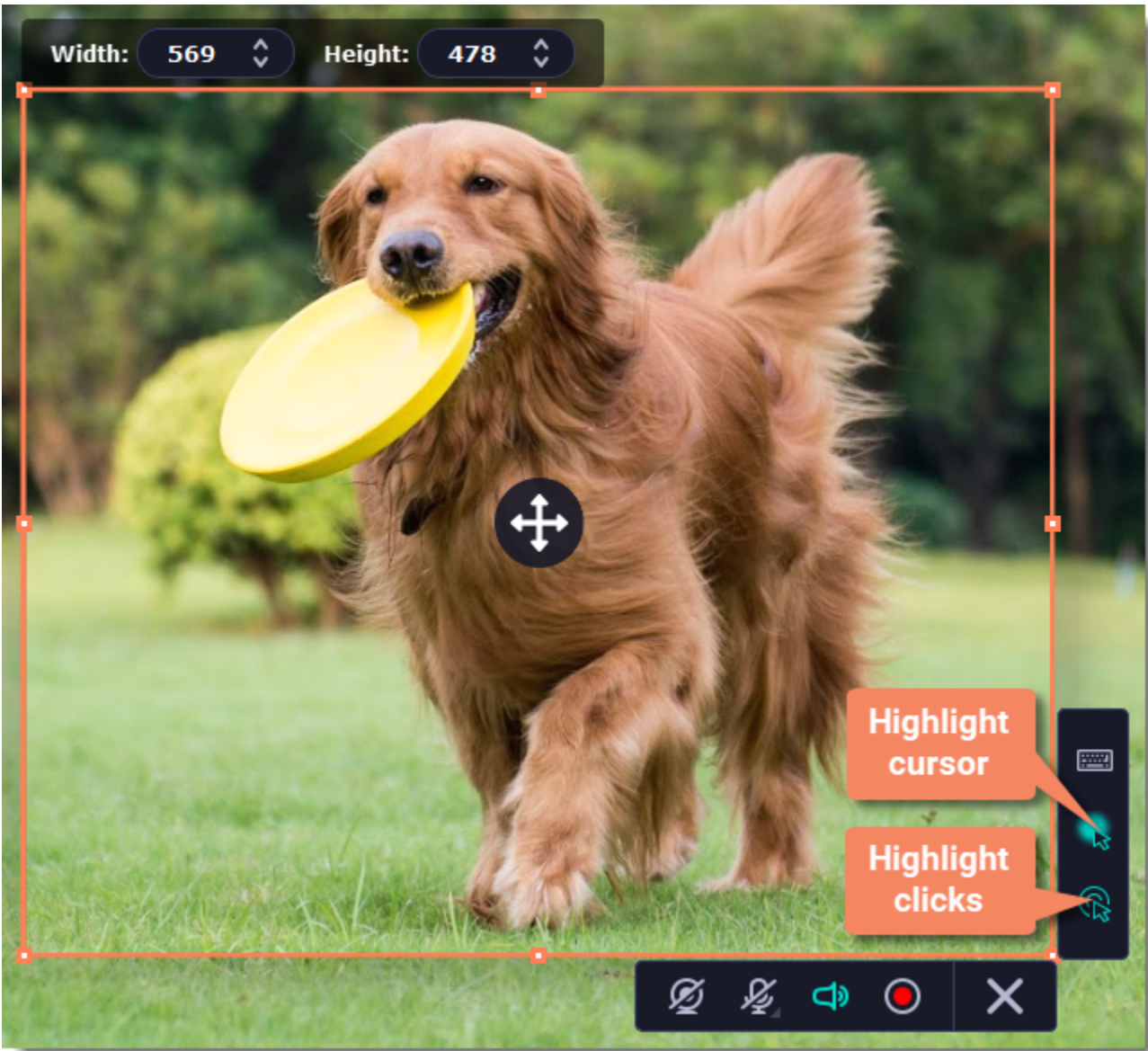
When you finish recording, the capture editing window will open. Your video is ready and saved in MKV format, but you can preview it, edit, or export it to a different format.



To [cut](#) 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

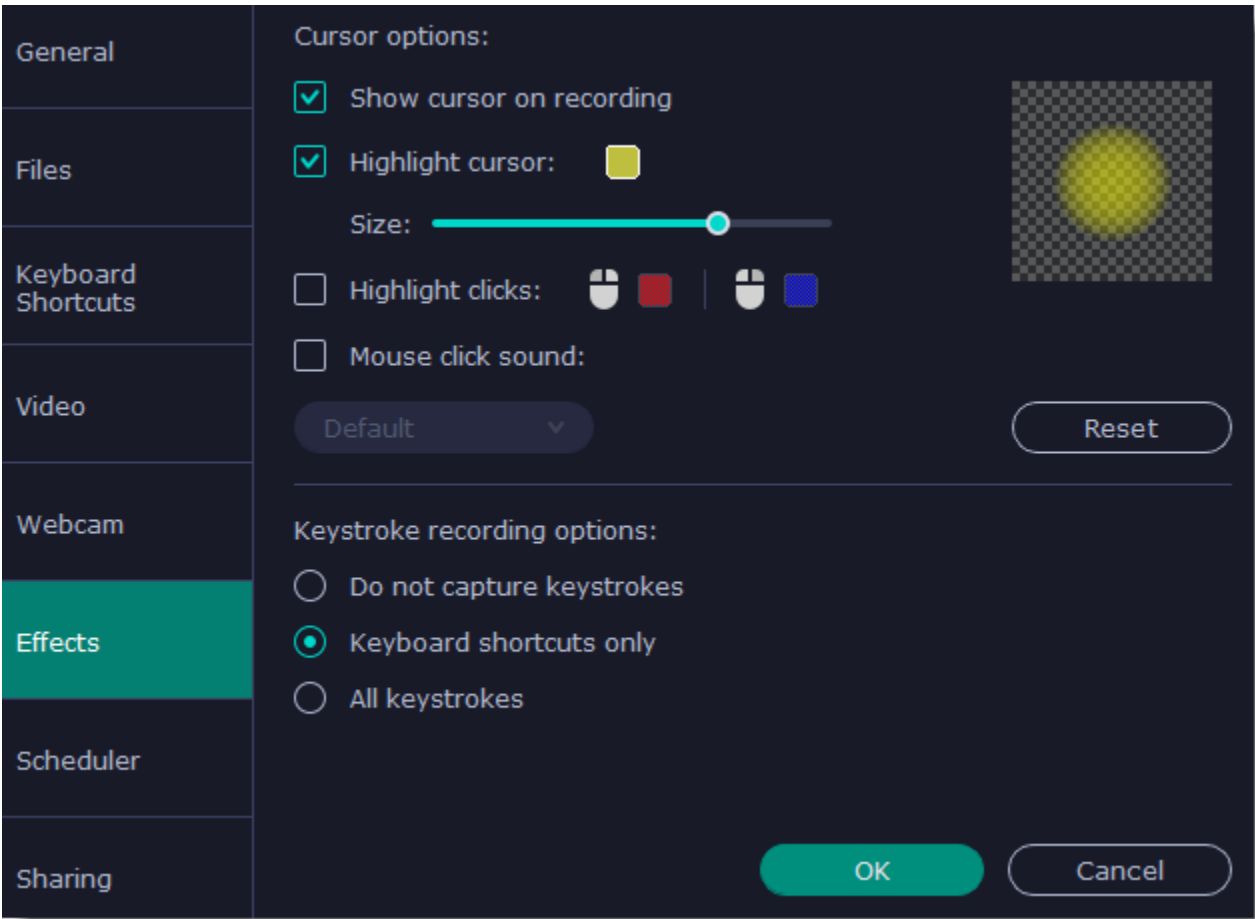
Using mouse effects, you can use the mouse as a pointer and show your viewers where to click. You can enable mouse cursor effects on the effects panel:



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.

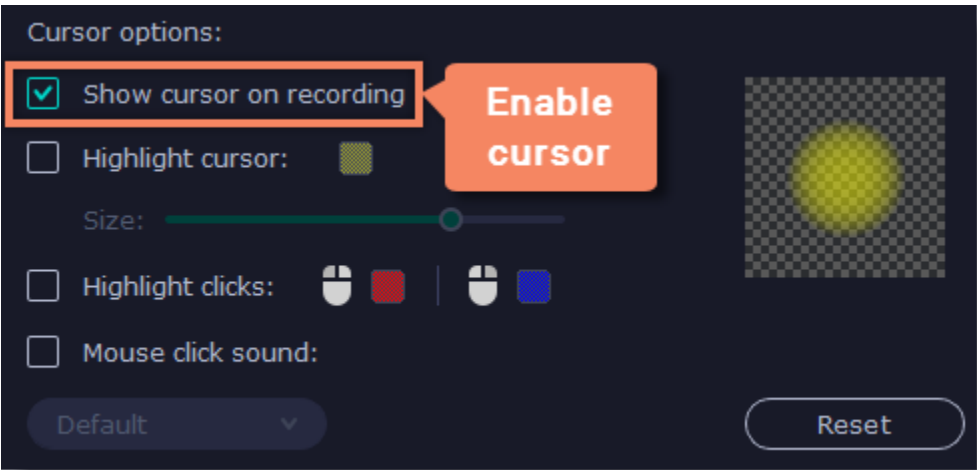
Step 1: Open the mouse cursor options

- 1. On the control panel, click the **cogwheel** button  to open **Preferences**.
- 2. 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)

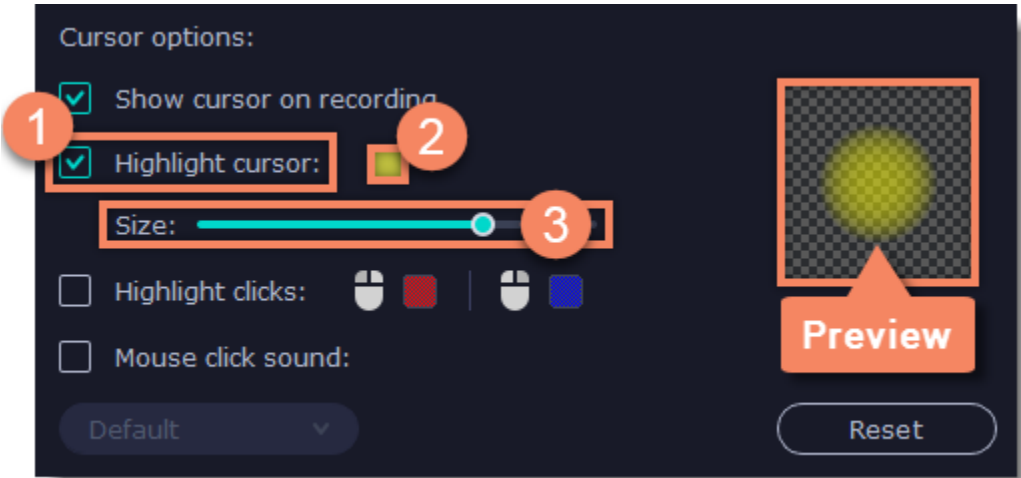
To make the cursor visible even better, you can highlight it or enable a special effect for clicks.

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.

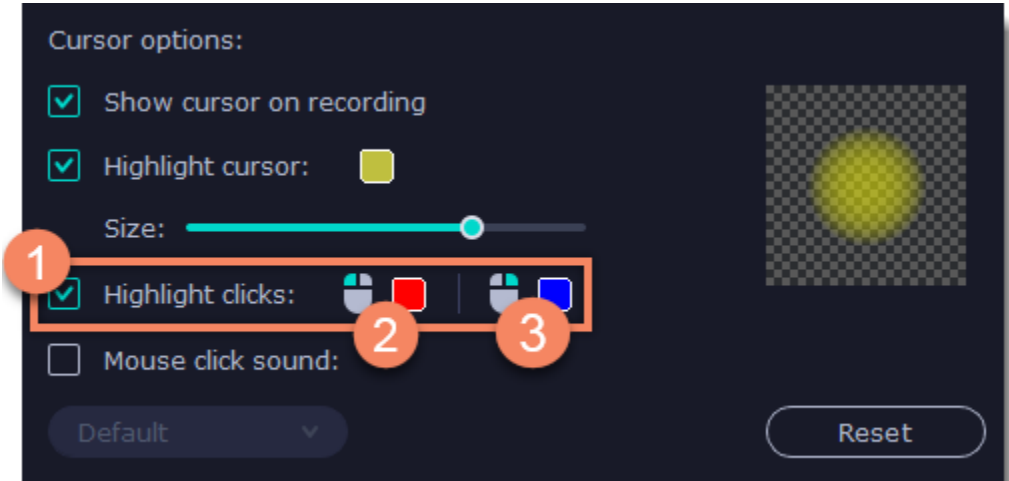
Hover your mouse over the square on the right to preview the highlight.



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.



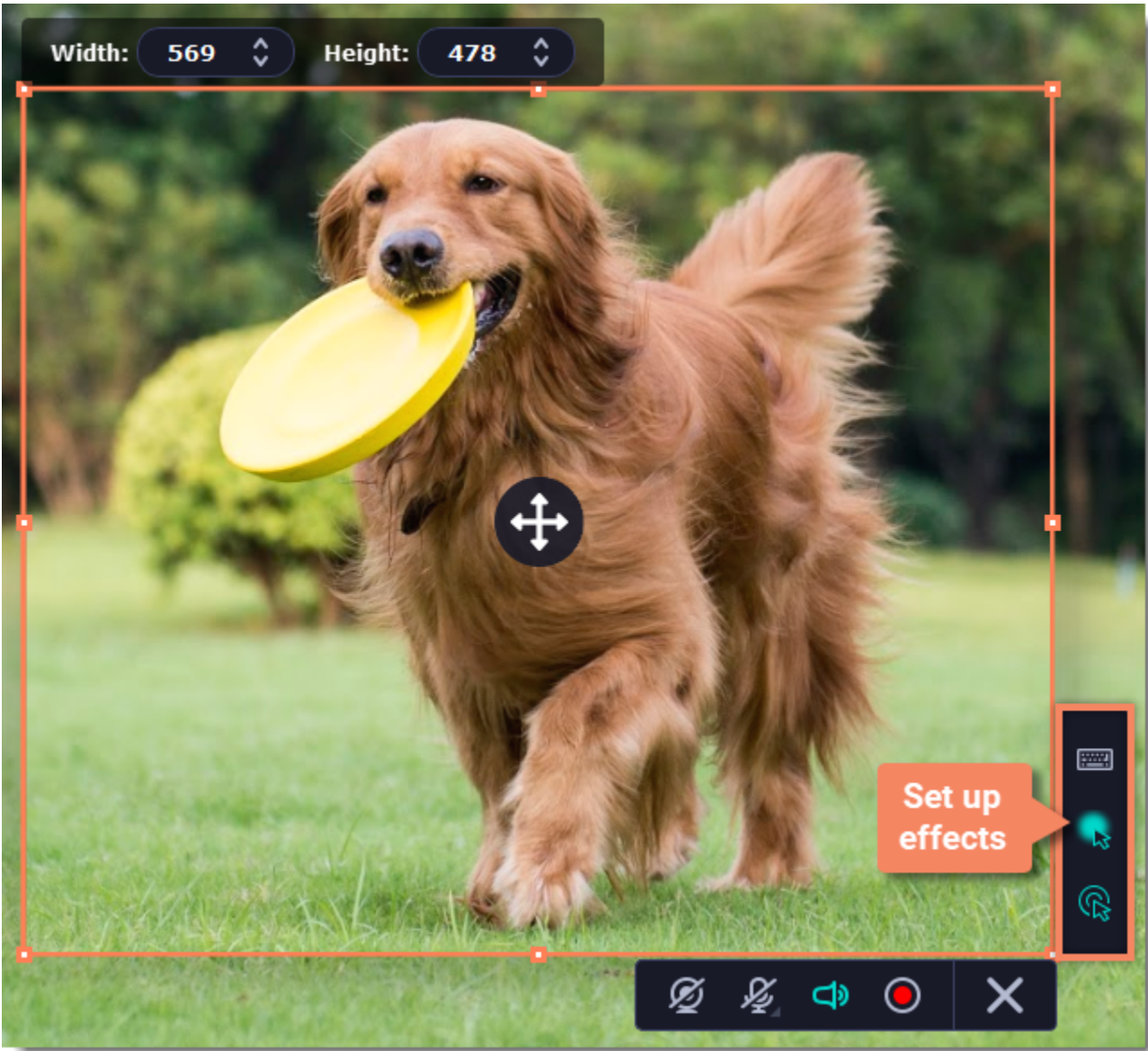
Mouse click sound




A clicking sound will play whenever you click the mouse.

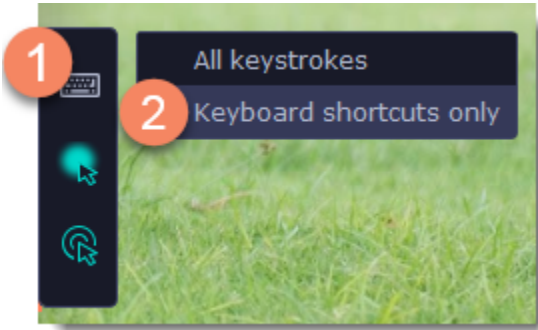
- 1. Enable the **Mouse click sound** option.
- 2. (optional) The default clicking sound has already been selected for you. If you want to use your own sound, open the drop-down box and choose **Add sound**. Then, open the sound file that you want to use.
You can use WAV, MP3, AIFF, and AU files.

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 .
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 C or ⌘ 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.



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.

Scheduling


Any recording can be scheduled for a later time. You can use this to automate your recordings or capture late-night webinars.

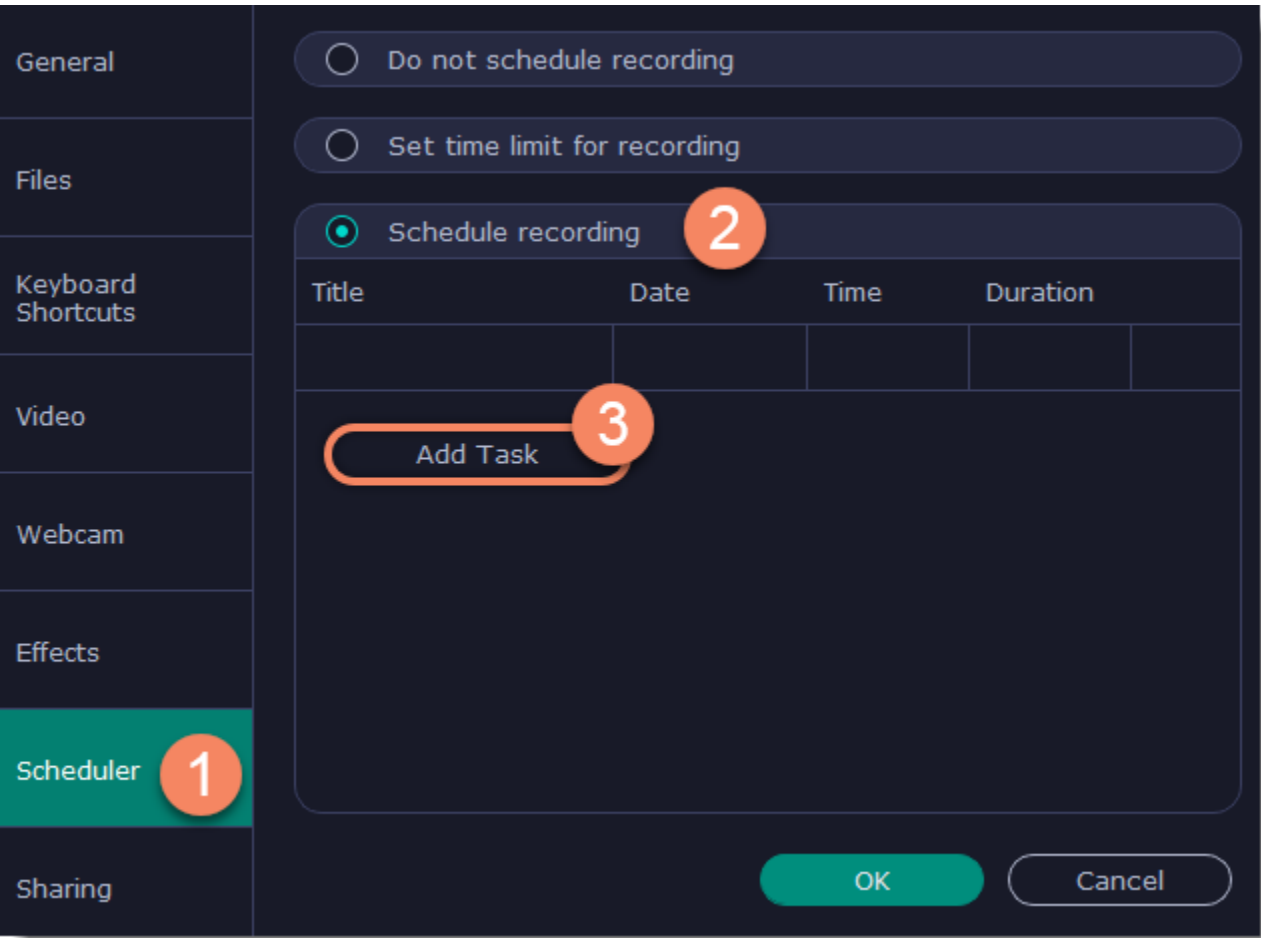
Step 1: Set up your recording

Scheduled recordings will start with the currently selected options (system sound, webcam, etc.) Before scheduling the recording:

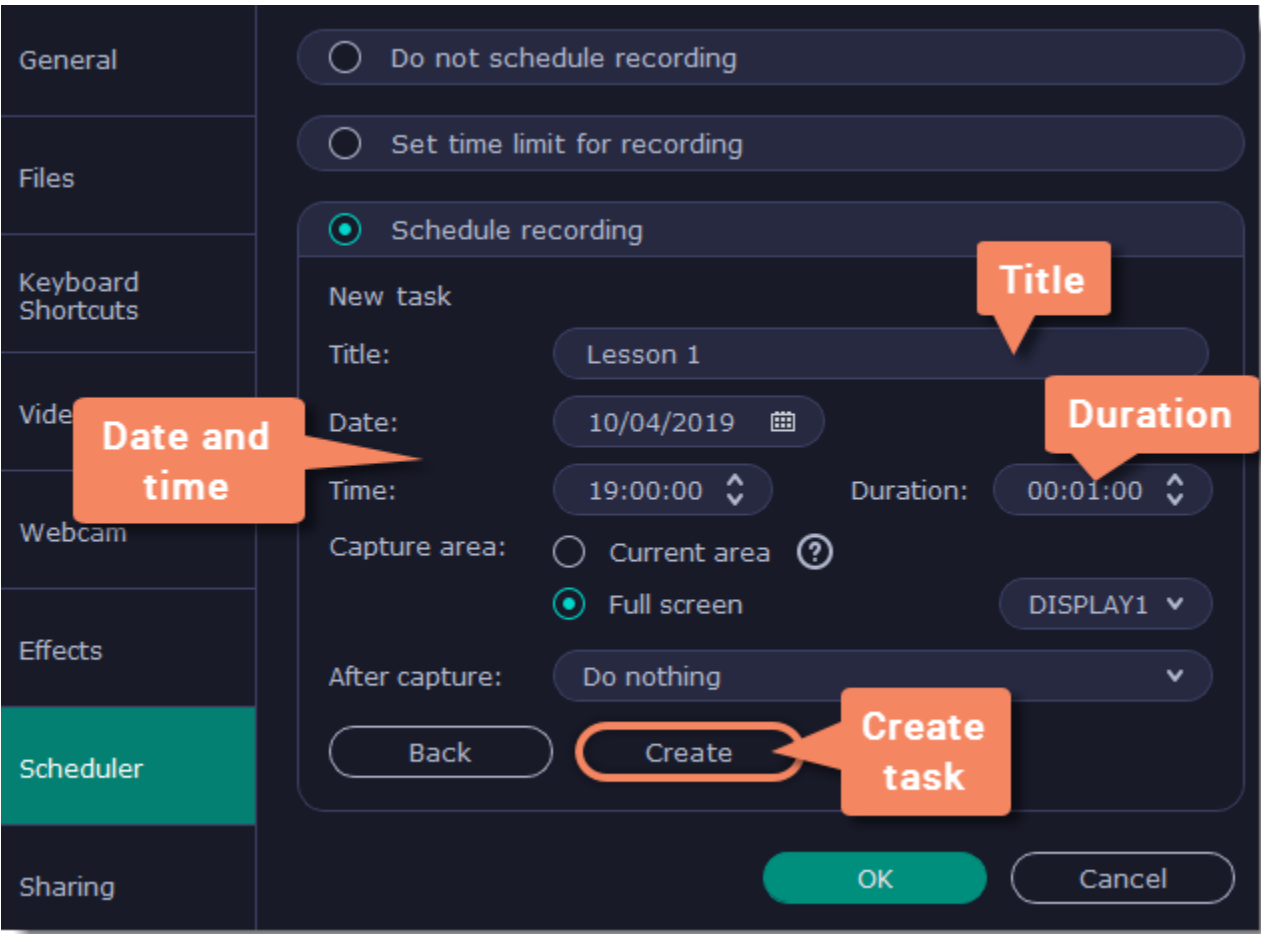
1. (optional) Default capture area for scheduled recordings is full screen, so if you want to change it, click the **camera** button  on the control panel and select the part of the screen you want to see on your scheduled recording.
2. To enable system sound recording, click the **speaker** button  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  to open **Preferences**. Switch to the **Scheduler** tab.
2. Select **Schedule recording**.
3. Click the **Add Task** button.



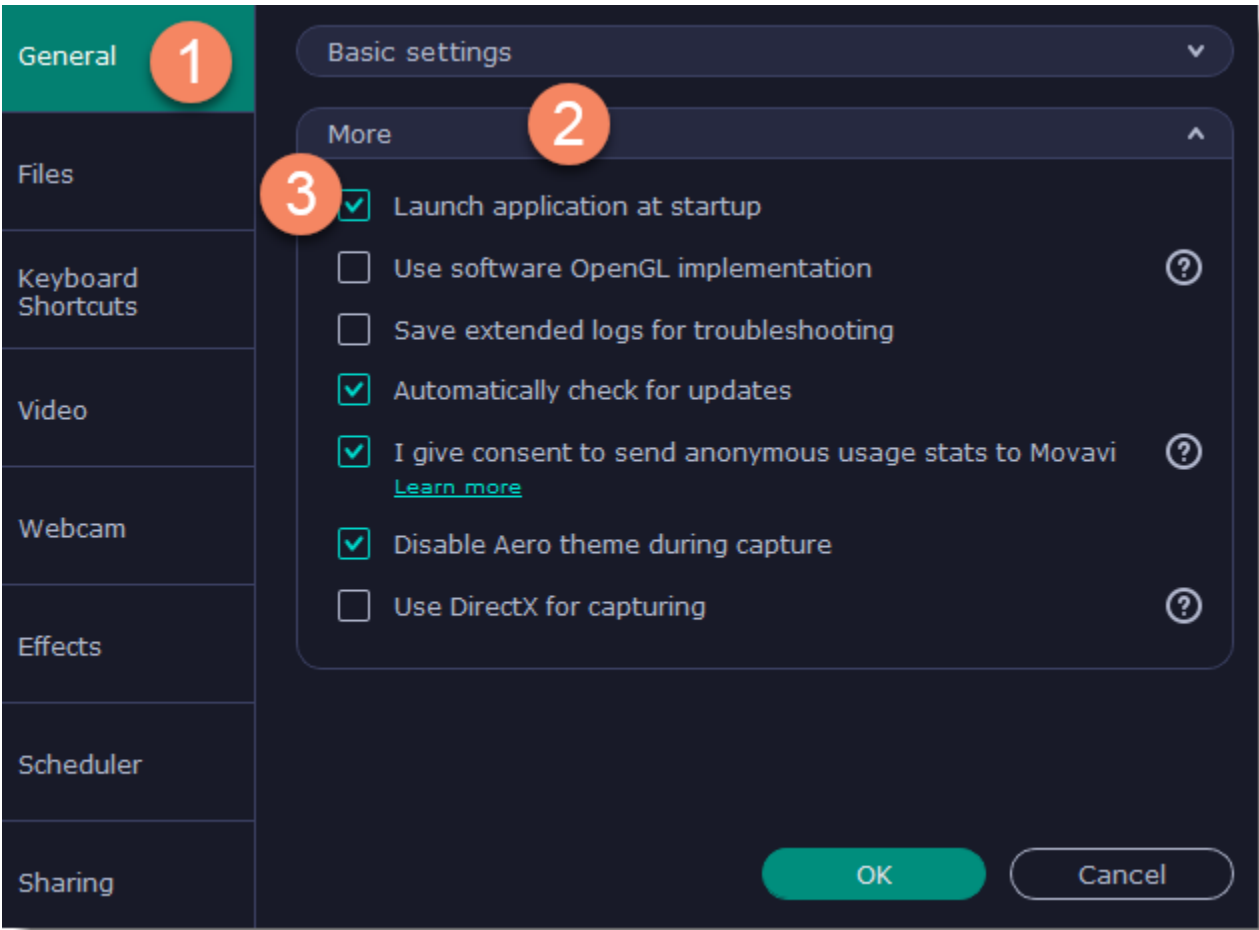
4. A task template will appear. Fill in the details for the task:
- **Title** - the name of your recording
 - **Date** and **time** - the moment recording should start
 - **Duration** - how long the recording should last (e.g if you want to record an hour long webinar, set this at 01:00:00)
 - **Capture 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.

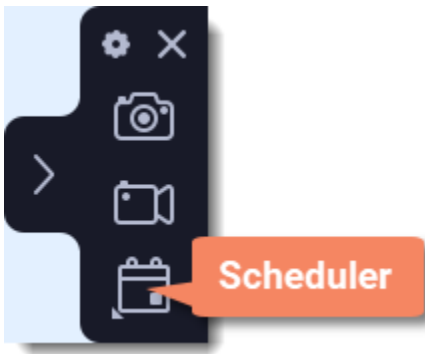
Step 3: Enable launching at startup (optional)

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 need the scheduler often, consider setting up quick access. On the [control panel](#), click the plus button **+** to open the **customization window**. Click **Select** below Scheduler to add it to the control panel.



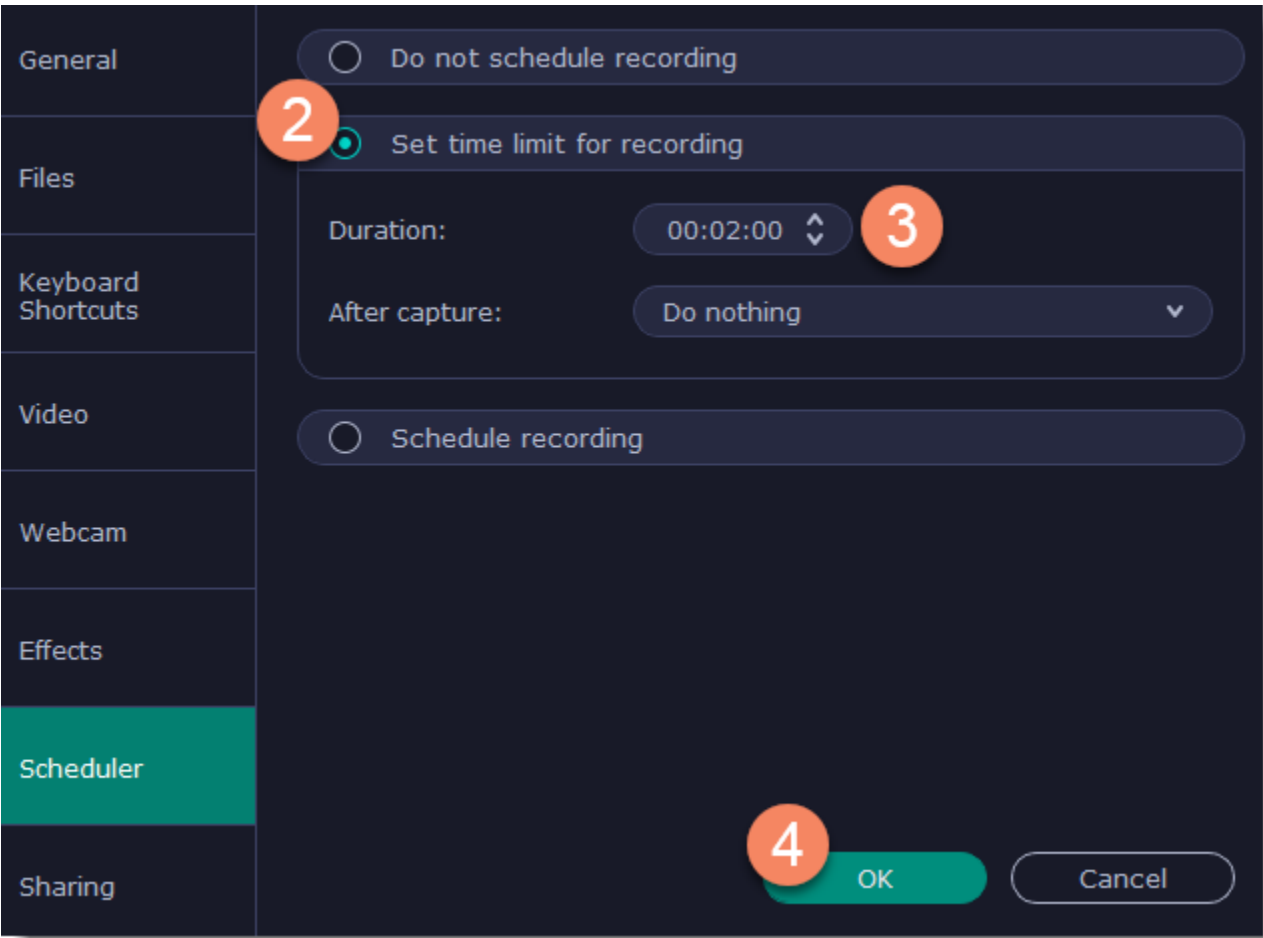
If you are starting a lengthy recording, make sure that you have enough free disk space for saving the temporary recording files.

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.

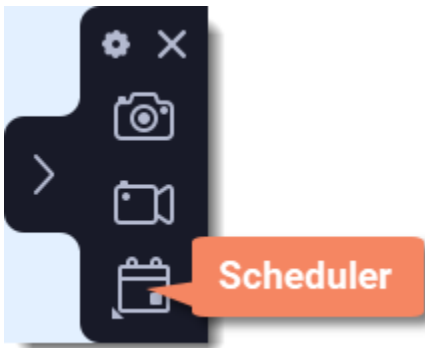
1. On the control panel, click the **cogwheel** button **⚙** to open **Preferences**. Switch to the **Scheduler** tab.
2. Select the **Set time limit for recording** option.
3. Set **Duration** by entering the time limit as hours:minutes:seconds.
4. Click **OK** to enable the time limit.

Note: the limit will work on all your next recordings in the current session only, until you restart the program.



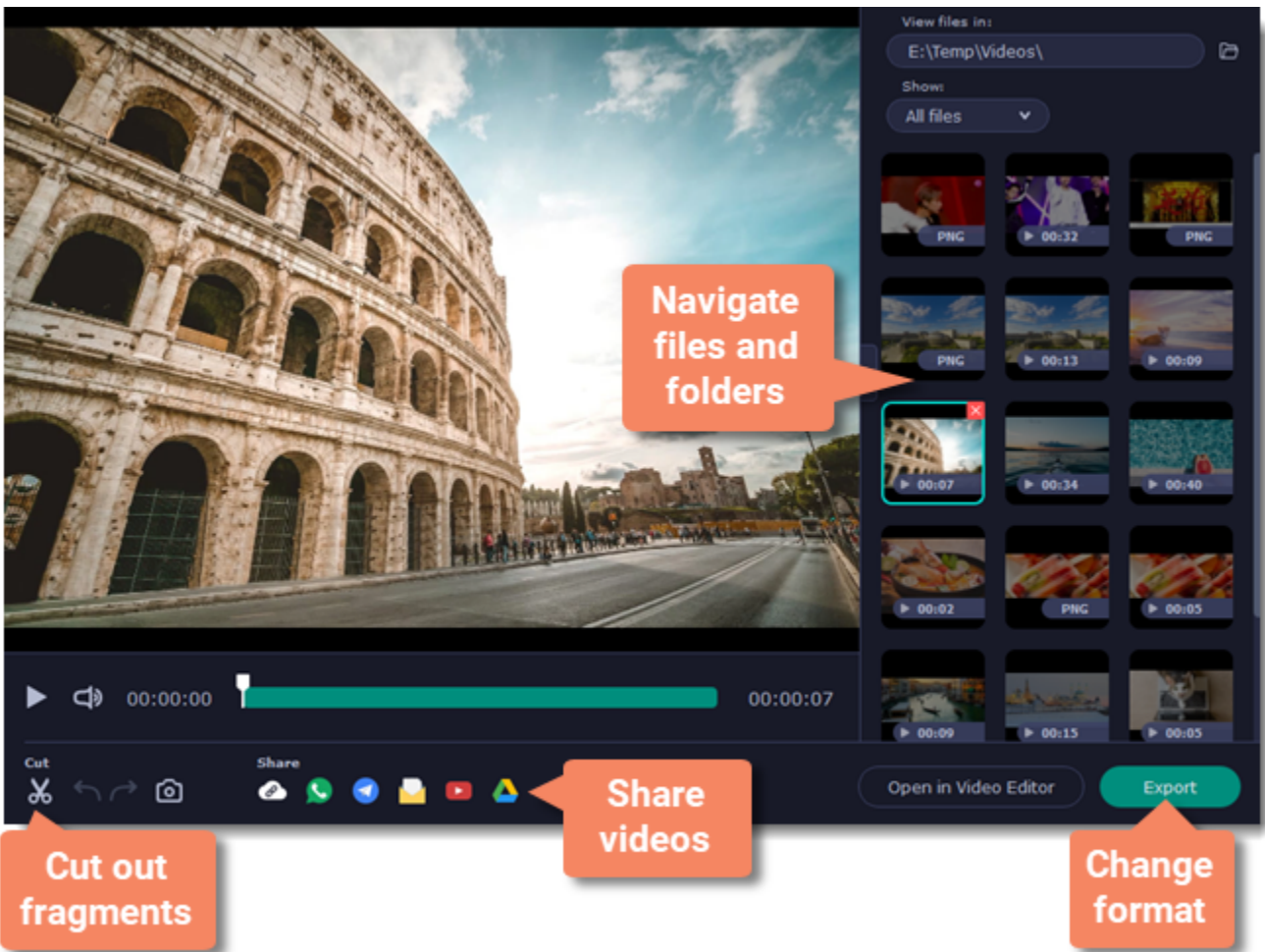
5. Click the **REC** button on the recording panel to begin recording. After the specified time is up, the recording will end automatically.

If you need the scheduler often, consider setting up quick access. On the [control panel](#), click the plus button **+** to open the **customization window**. Click **Select** below Scheduler to add it to the control panel.



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:

[Cut recordings](#) – trim videos from the beginning or the end, cut out fragments.

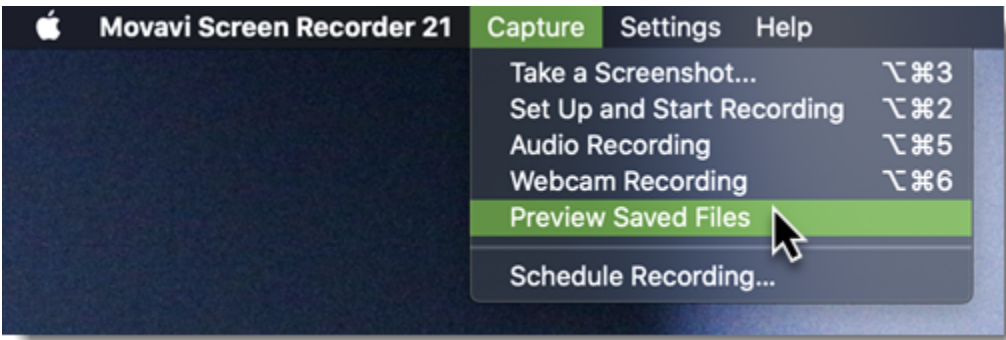
[Navigate files](#) – view and edit files from any folder.


[Change recording format](#) – save the video in a different video format, as an audio file, or even as an animated GIF.
[Share recordings](#) – publish your video online or send it to your friends and colleagues.

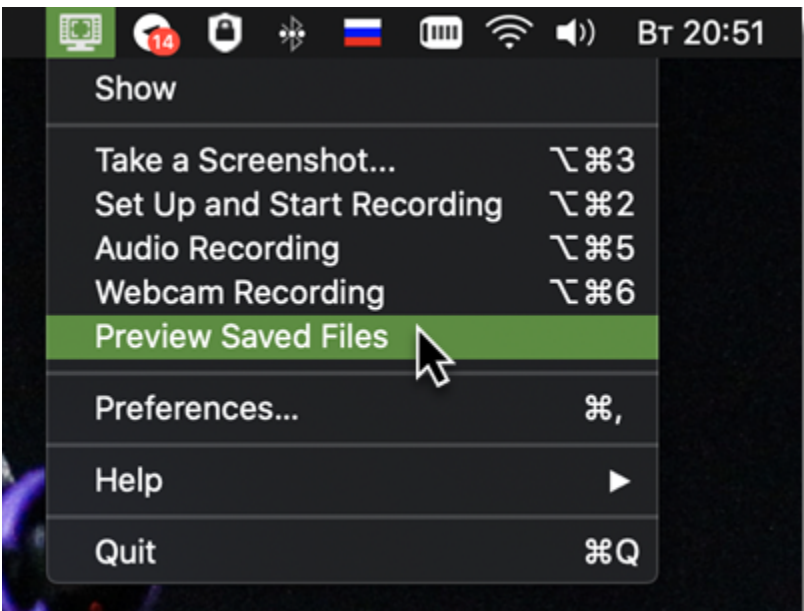
Opening the player

To open the capture player and editor:

- Open the **Capture** menu and select **Preview Saved Files**.





- Click the Movavi Screen Recorder icon  on the menu bar and select **Preview Saved Files**.




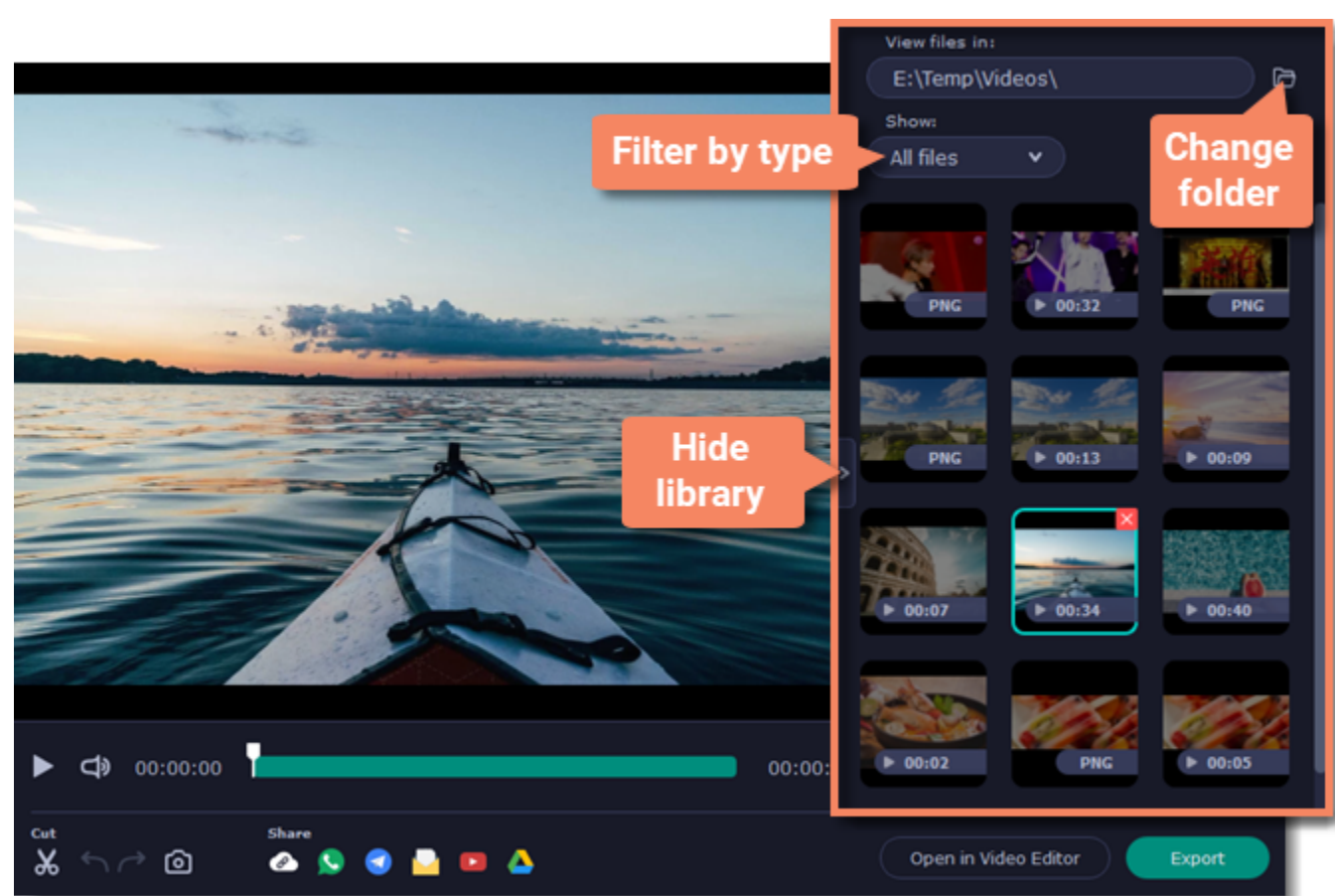
Also, the capture editor will open after you finish recording a video.

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  .

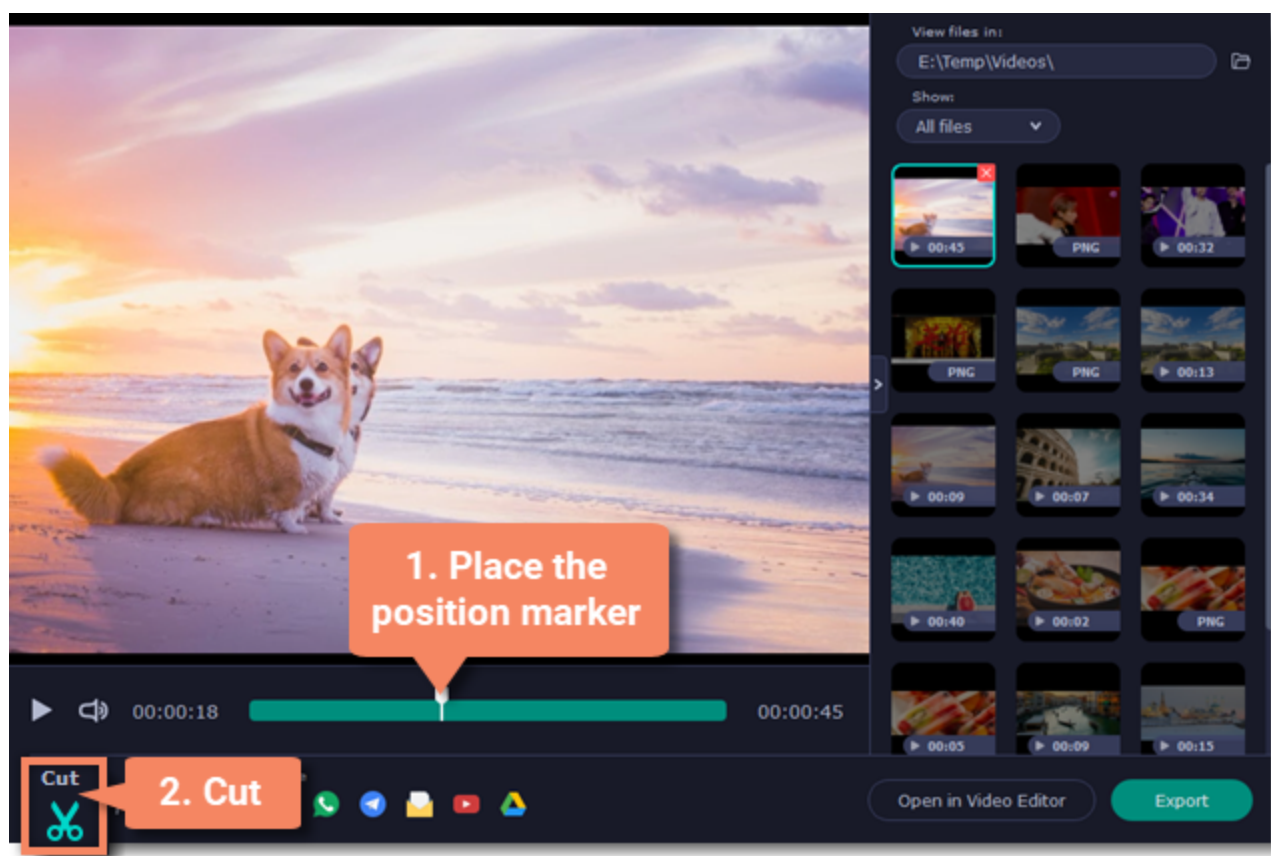


Cutting recordings

This guide will show you how to cut out parts from video recordings using the built-in capture editor.

Step 1: Cut fragments

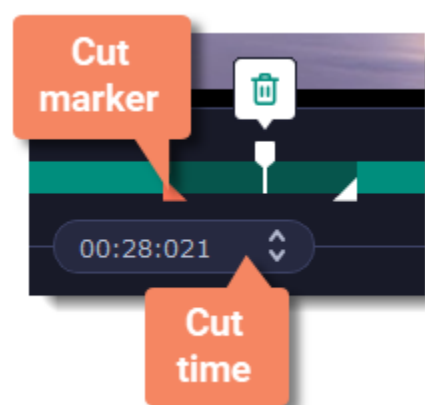
1. Move the position marker around the area you want to cut.
2. Click the **scissors** button. A fragment with two cut markers will appear at the current position.



Precise positioning


For more precise positioning, click on the cut marker on the seek bar and do any of the following:

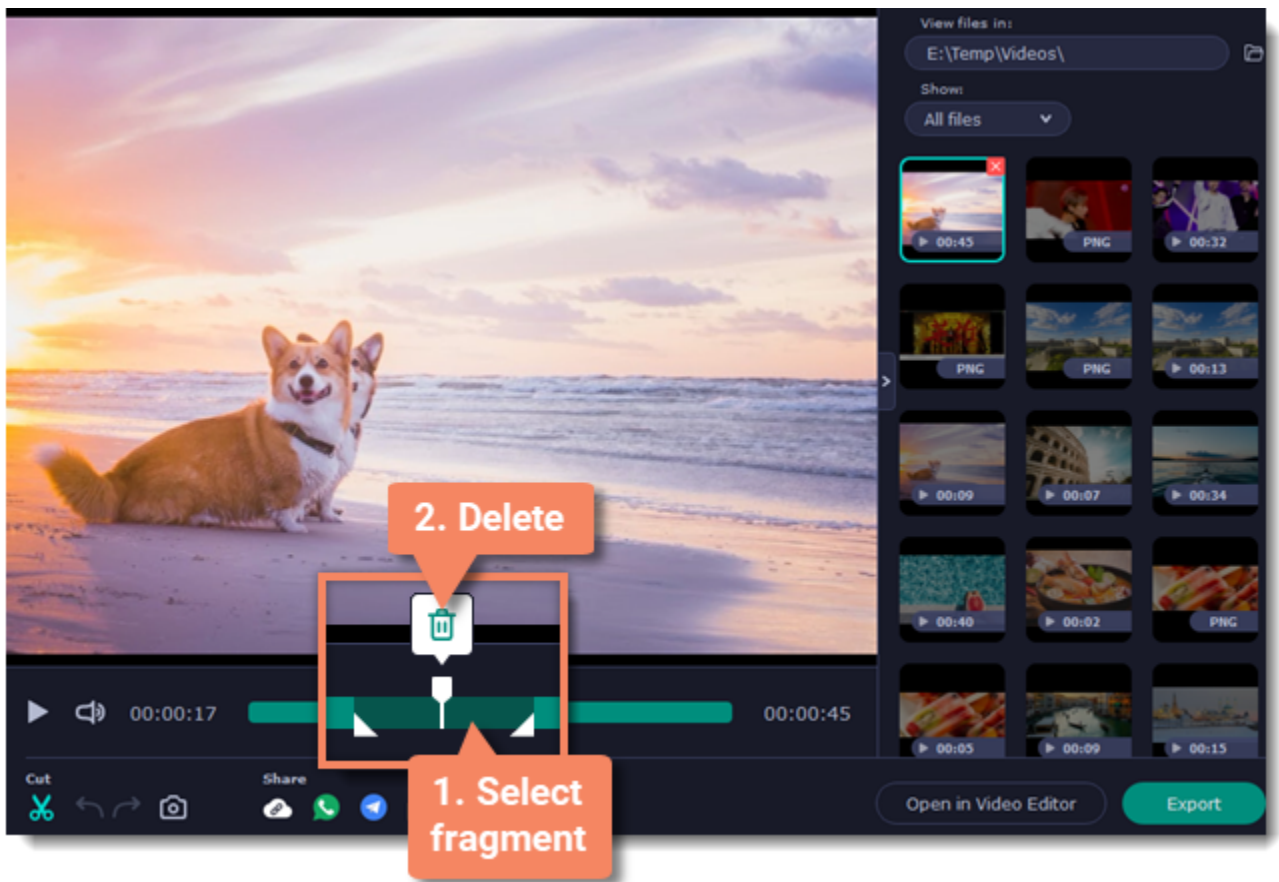
- Click the arrows next to the time to move the marker by a small interval.
- With the cut marker selected, use the arrow keys to move it left or right by 100 milliseconds.
- Manually enter the necessary time.





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: 



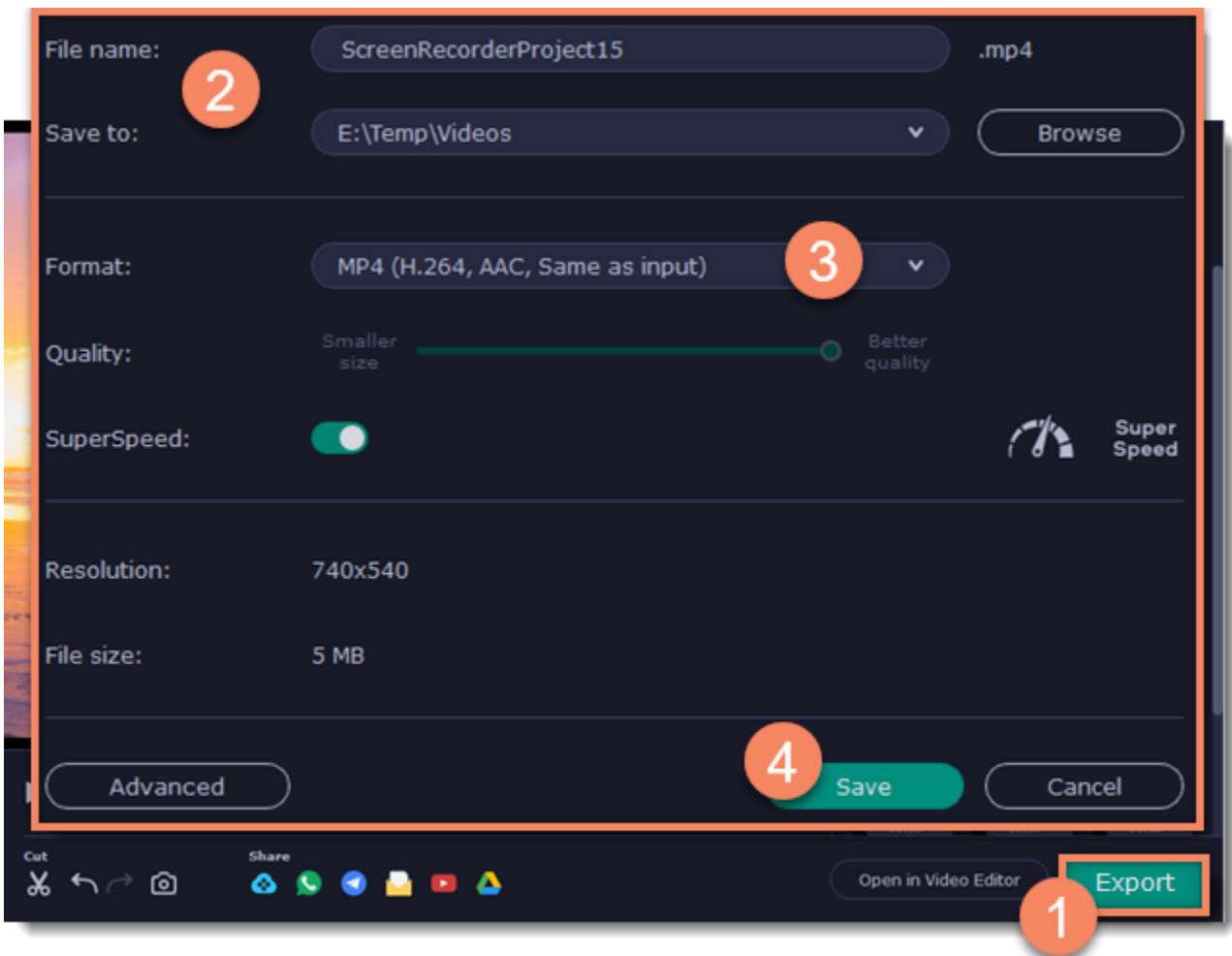
How to undo cutting

To cancel a cutting action, click **Undo**  or press **#Z**. To repeat a cancelled action, click **Redo**  (**#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.



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.

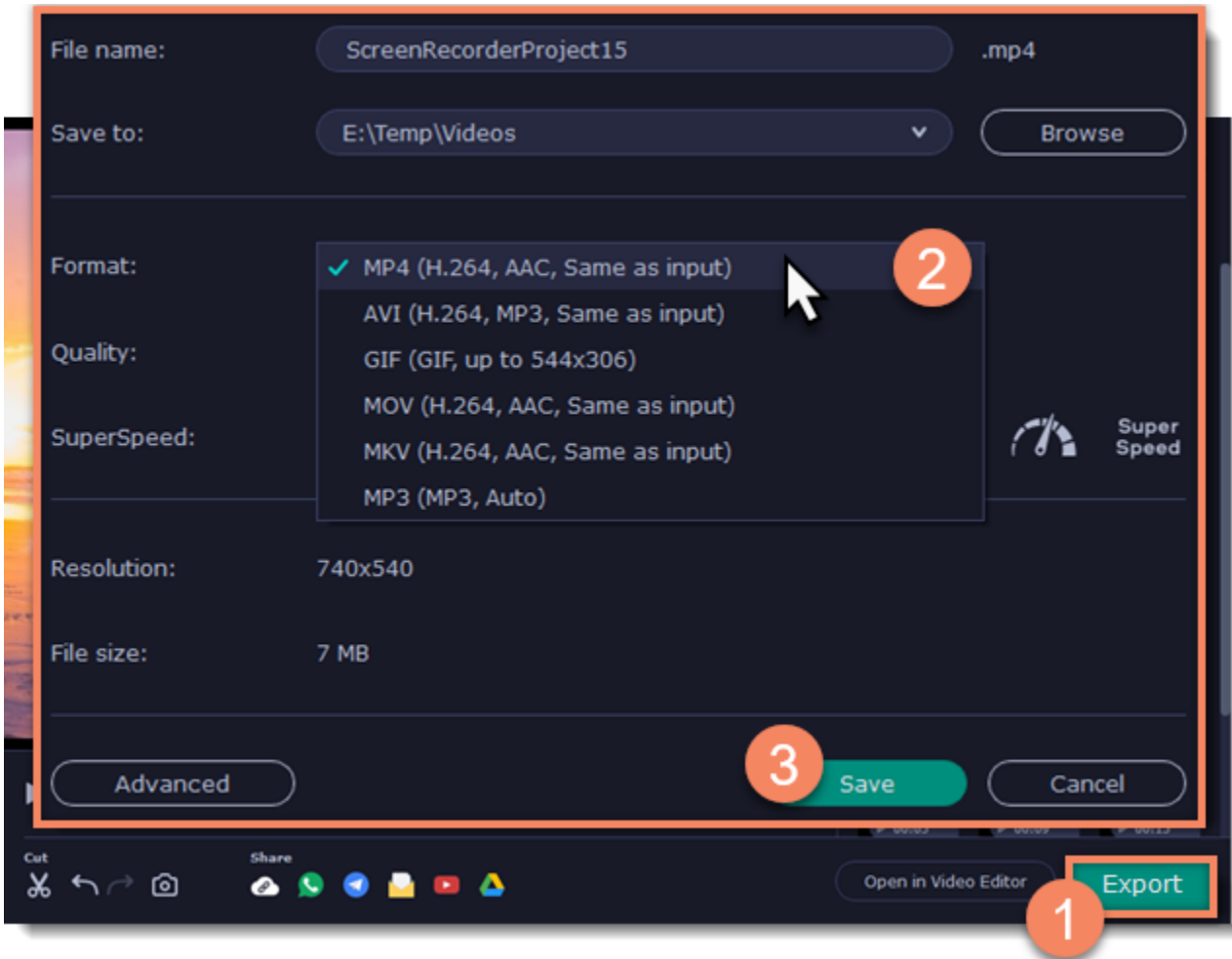
Step 2: Choose a new format

Select a format you want to use:

- **Video** - MP4, AVI, MOV, MKV
- **Image** - GIF
- **Audio** - MP3

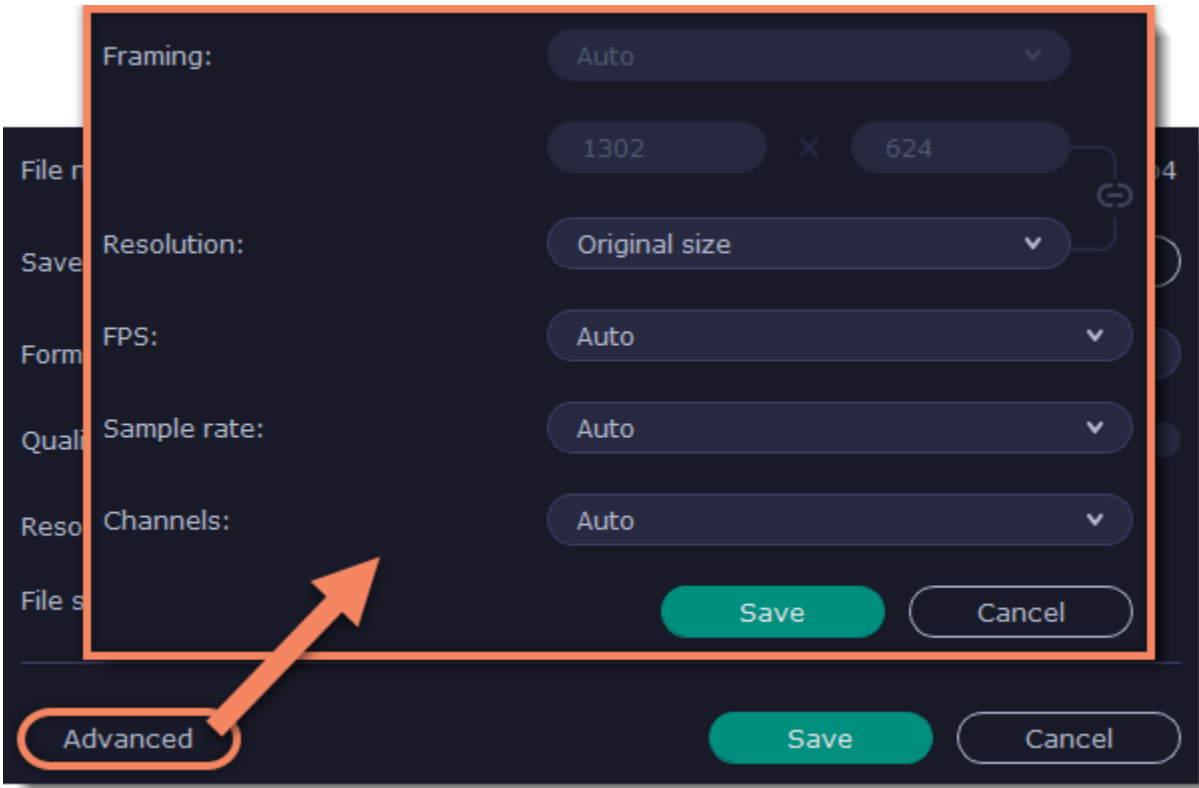
Step 3: Save the file

Finally, click **Save** to convert your recording to the selected format. This may take a while for large videos.



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.



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

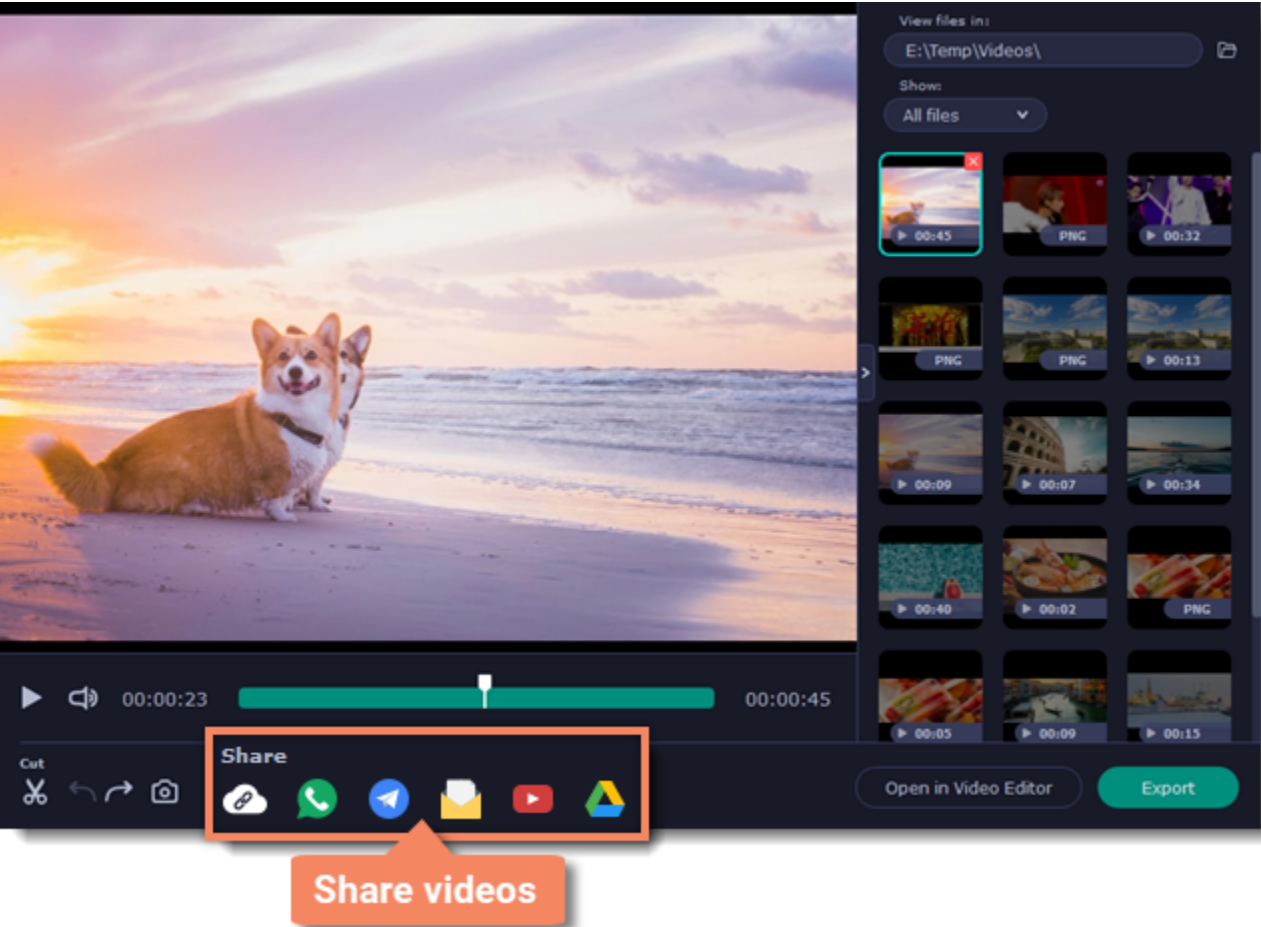
Stereo sound contains two channels and has the capacity to convey the relative location of sound sources, which makes it best for recording music; **mono** sound has only one channel and produces sound without differentiating left and right channels. Stereo is the generally preferred number of channels, 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 email.

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](#)
- [Google Drive](#)
- [Movavi Cloud](#)

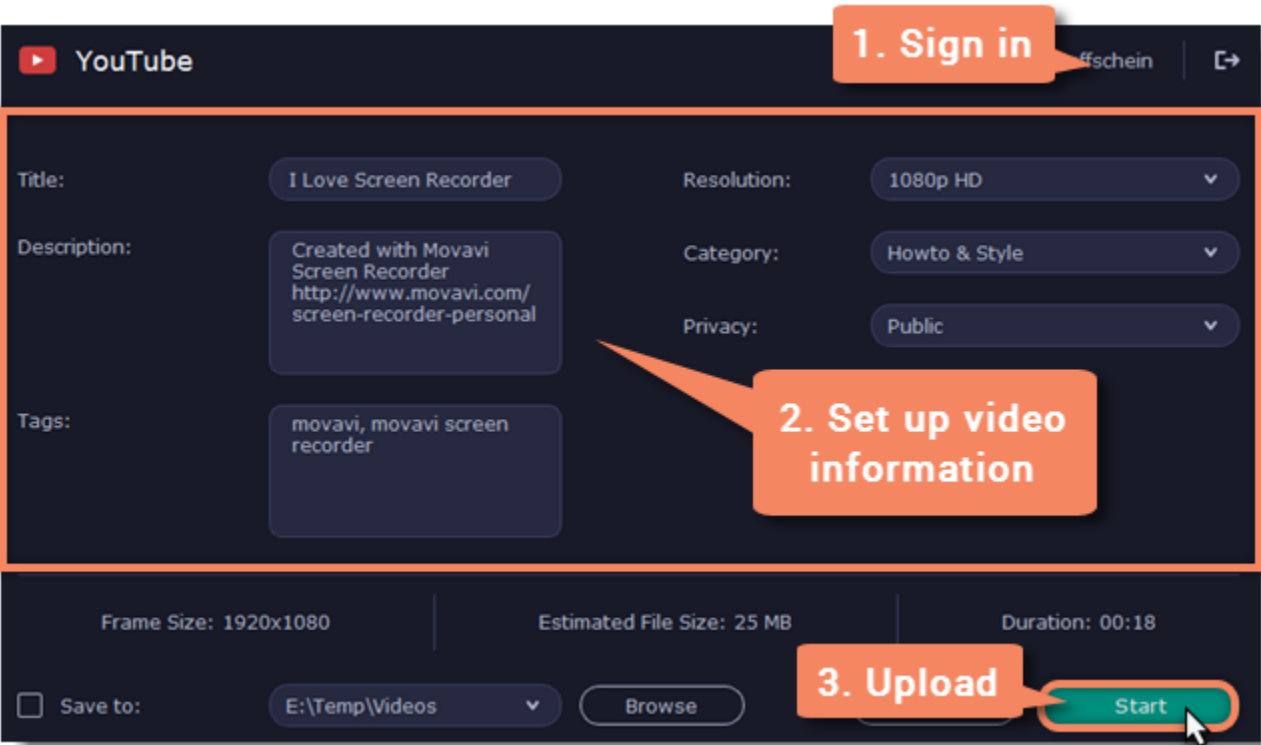
Uploading videos to YouTube

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.

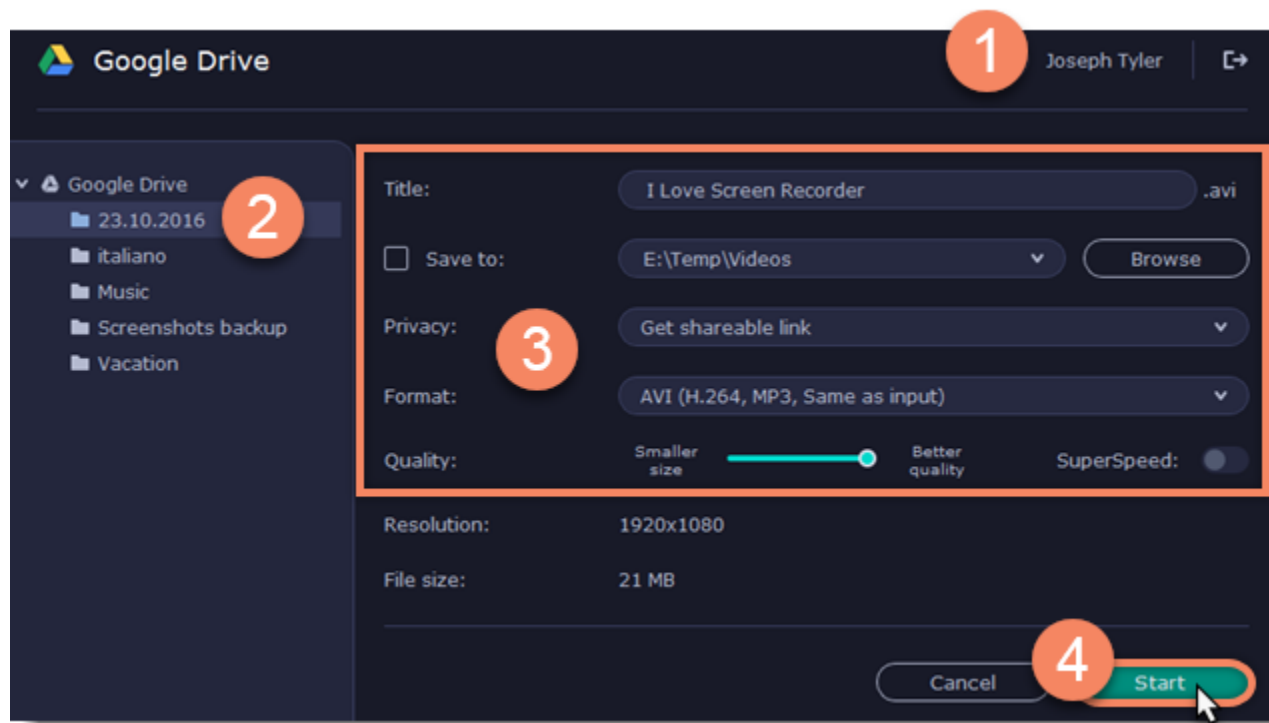


Uploading videos to Google Drive

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.

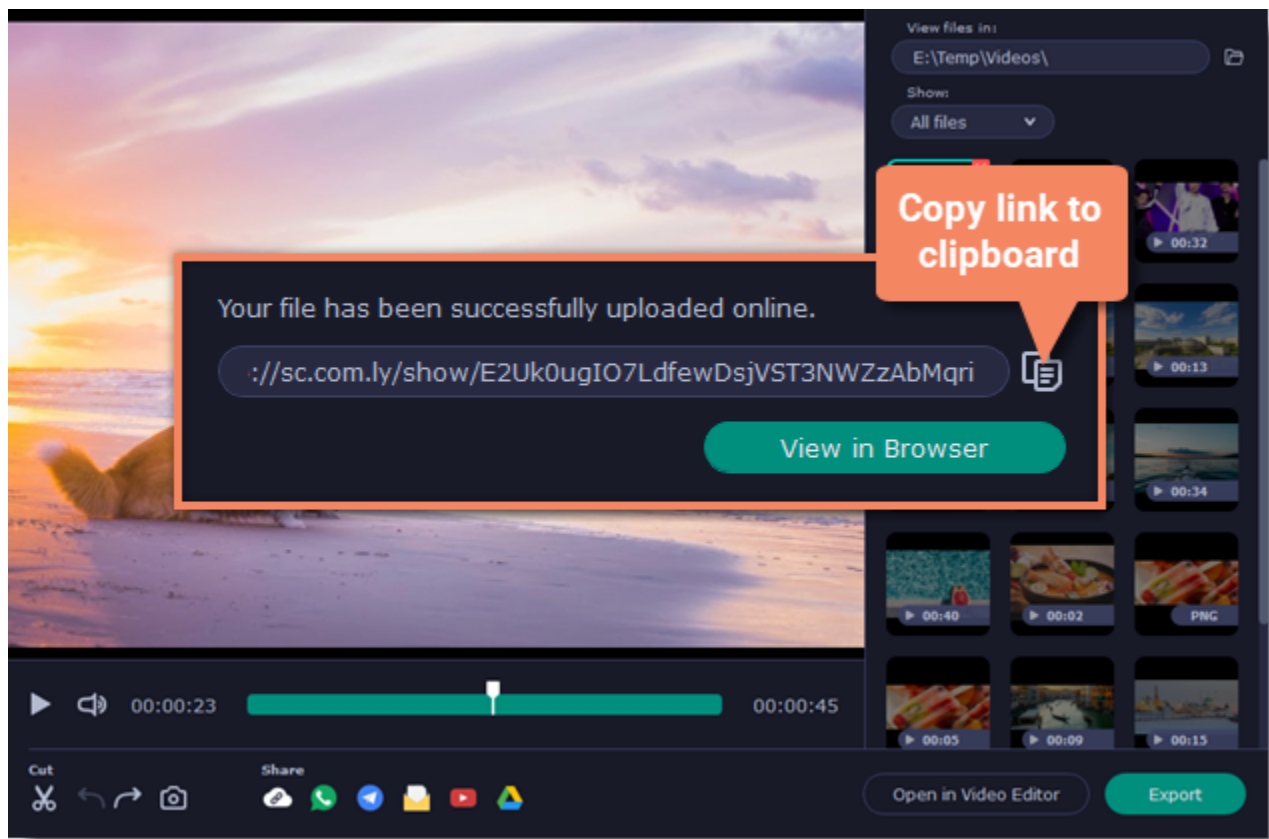
3. Fill in the details: **title**, **privacy** settings, the video **format** and **quality**.
*Tip: if you want to save the image to your disk as well, check the **Save to** box and select file destination on your computer.*
4. Click **Start** to begin uploading.



Getting link to video


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 **Get Link**  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.



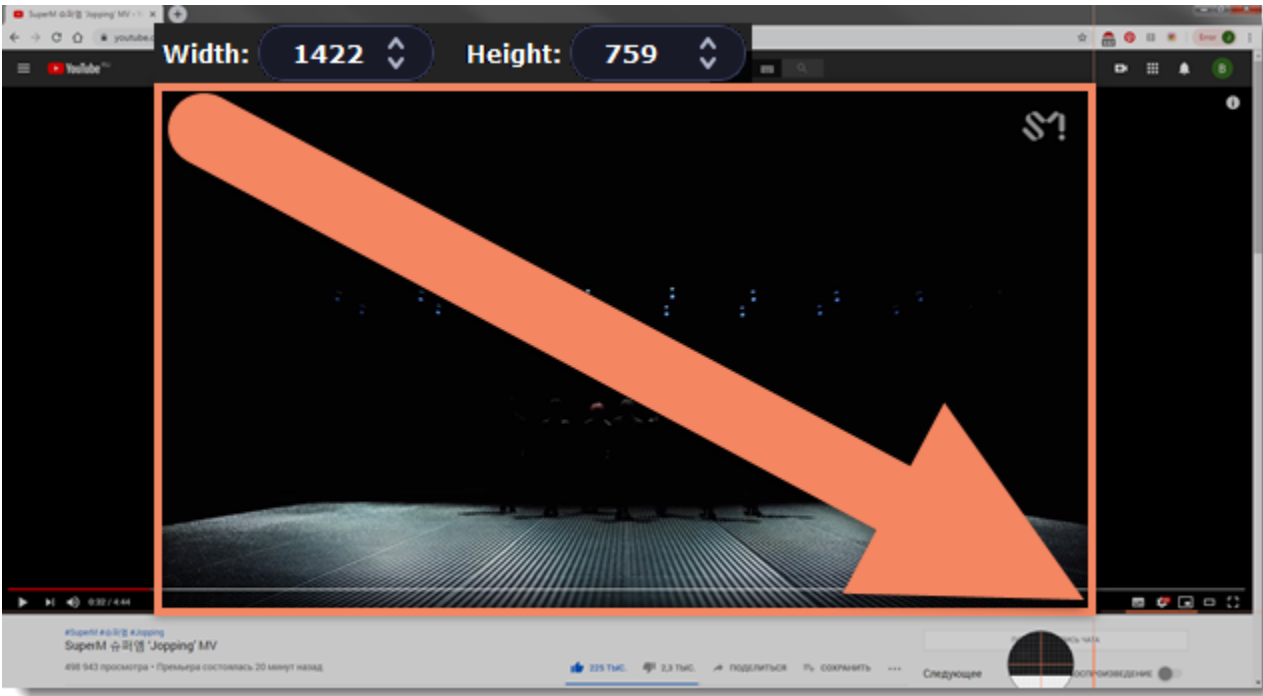
In the browser, you can play the video or download it. The file will be accessible by the link, so if you feel you might need to send it to someone else some other time, make sure to know where to find it (e.g. in a message you've first attached it to).

Taking screenshots










1. On the control panel, click the **screenshot** button .






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*, click on any empty area of your desktop.

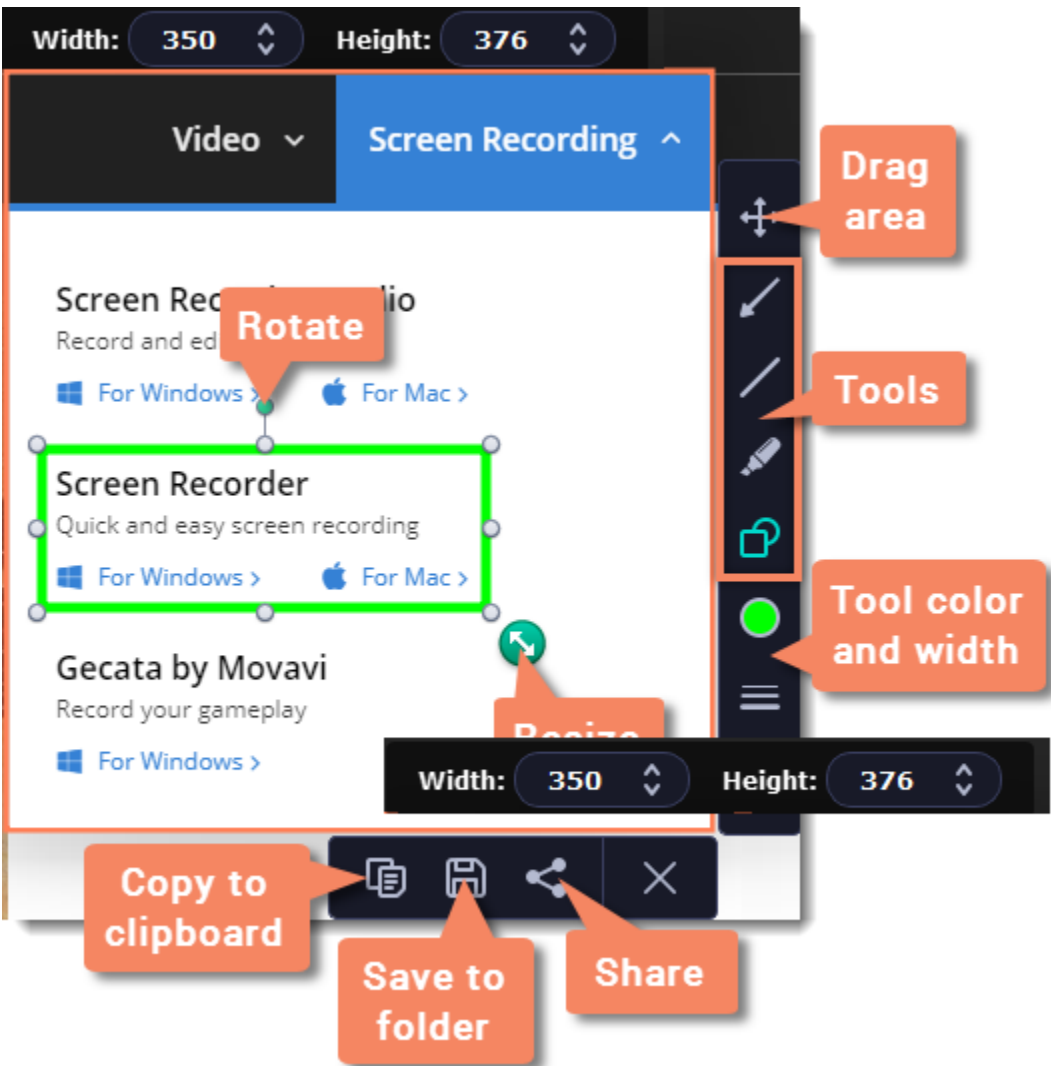


3. A frame will appear over the selected area. You can now edit your screenshot:

- Select a tool you want to add to your screenshot: **Line** , **Arrow** , **Frame**  or **Highlighter** . Hold the left mouse button and drag to draw a shape.
- Change the **color**  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: .
- If you need to move the capture area, click the **Drag-area mode**  button.

4. Choose what you want to do with your screenshot:


- Click the **Copy**  button to copy the image to clipboard without saving the screenshot to a file.
- Click the **Save**  button to save the image file and open its containing folder.
- Click the **Share**  button to share the image to Movavi Cloud, WhatsApp, Telegram, and Google Drive or send it in an email.

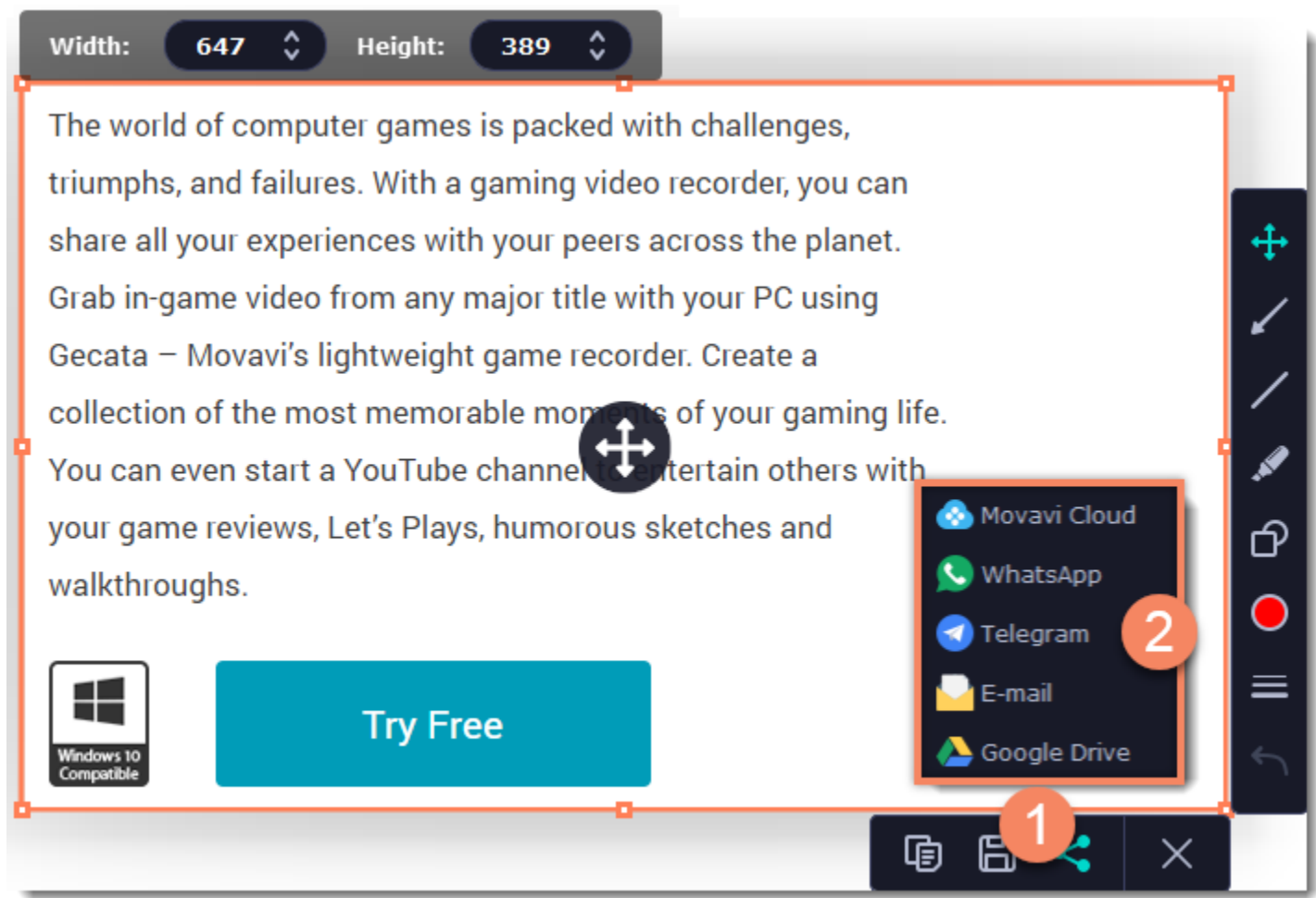


Where are the screenshots stored?

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

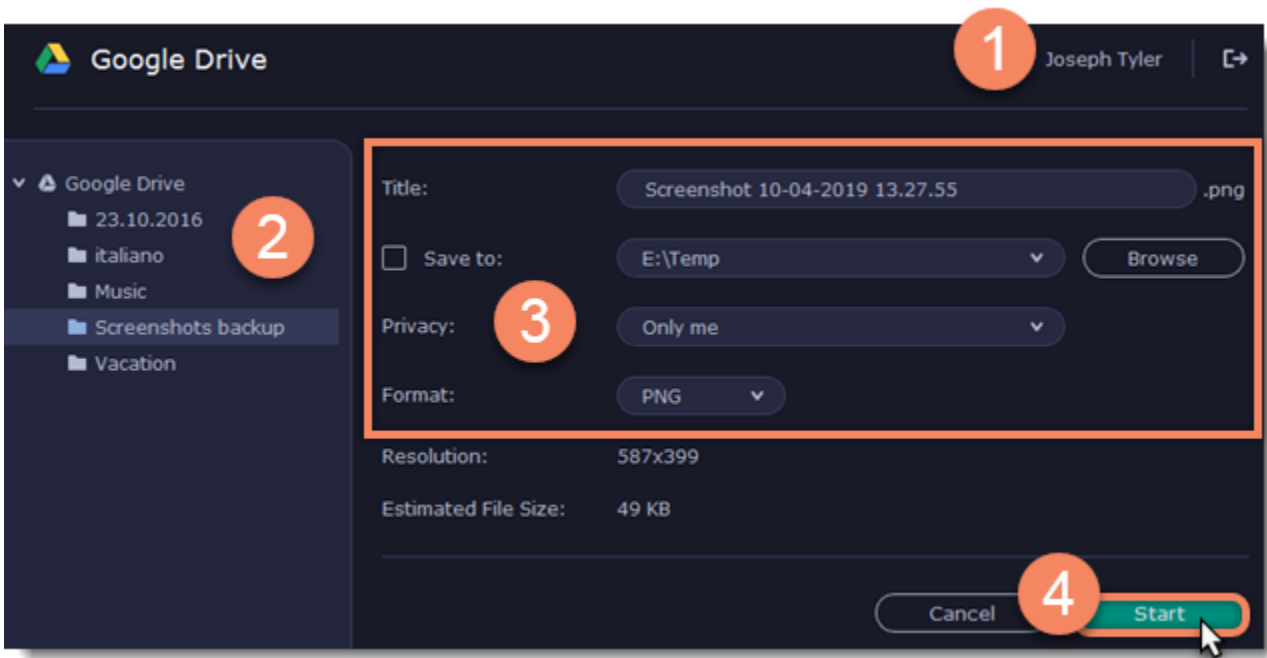
1. On the screenshot panel, click the **Share**  button.
2. Select where you want to share your image, then follow the selected service steps. It's that easy!



Sharing screenshots to Google Drive

Uploading images to Google Drive will take you a couple extra moves.

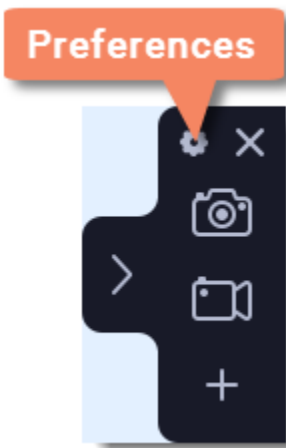
1. Click **Sign In** and grant all requested access to **allow** Screen Recorder to upload files.
2. After you've signed in, the program will load your Google Drive **folder** list. You can share files to specific folders if you like. Select one of them in the list.
3. Fill in the details: **title**, **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.



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  on the control panel:

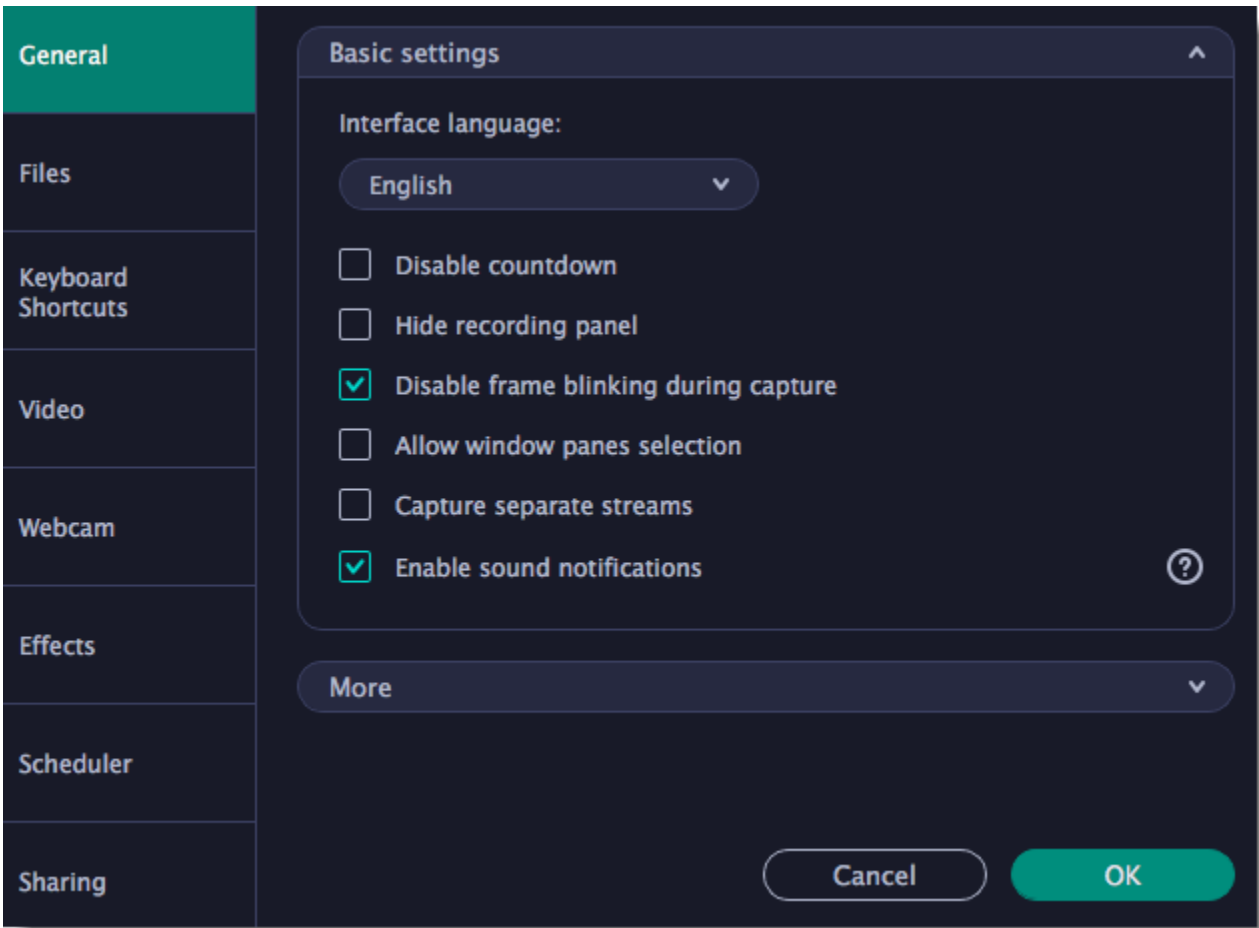


The preferences window will open. The preferences are organized into eight categories: [General](#), [Files](#), [Keyboard Shortcuts](#), [Video](#), [Webcam](#), [Effects](#), [Scheduler](#) and [Sharing](#).

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



☒ **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.

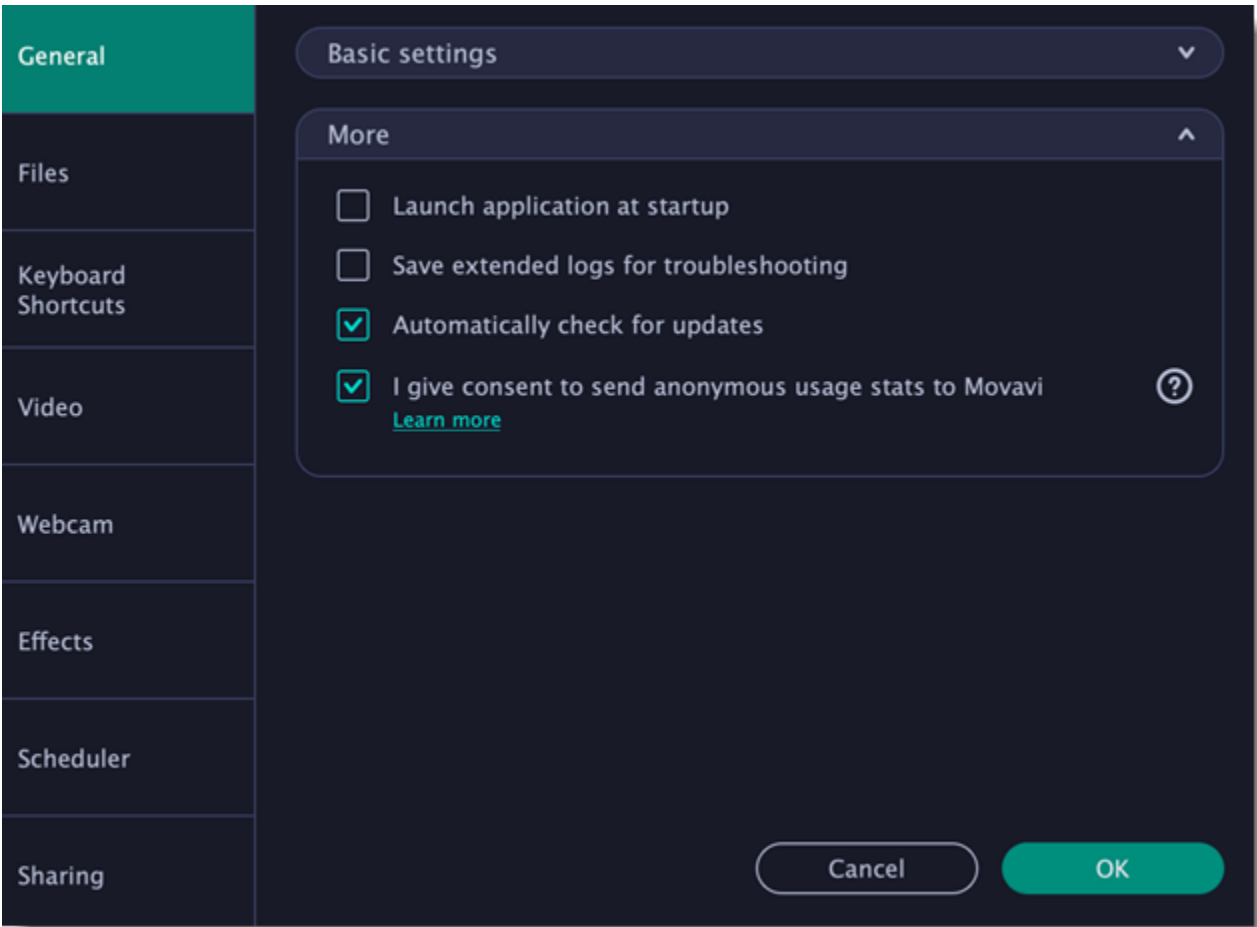
☒ **Capture separate streams**

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 file export is finished, or if an error occurs.

Other settings



☒ **Launch application at startup**

With this option enabled, Movavi Video Suite will start when you log in and run in the background. This way you will always be ready to capture your screen.

☒ **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**

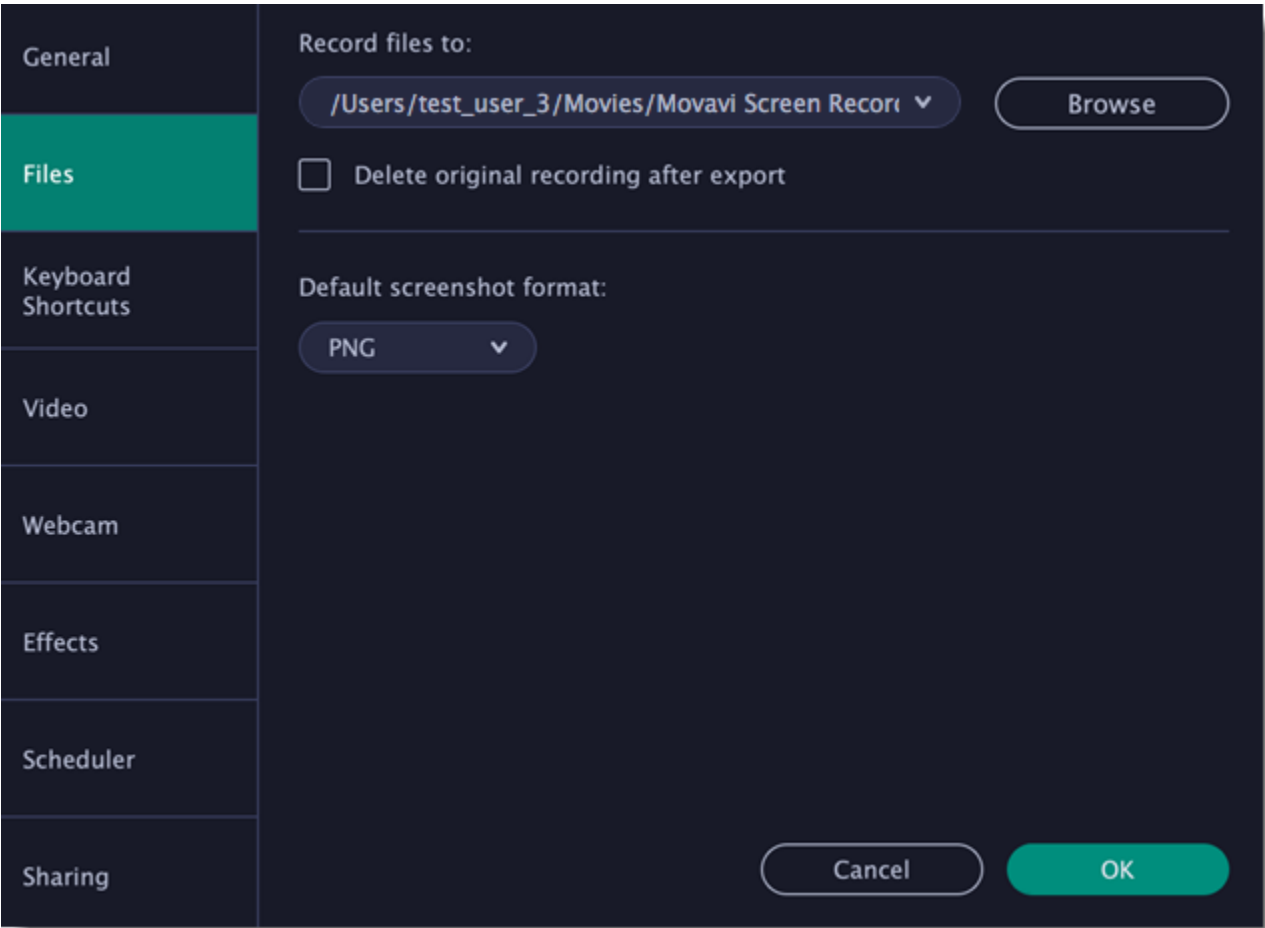
The program will notify you if a new version is available. Minor updates are absolutely free (for example, from v.1.3 to v.1.4). For major updates users with purchased Movavi Video Suite license will get a considerable discount.

☒ **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 about how we use the statistics on our [Movavi Improvement Program](#) page.

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.



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**

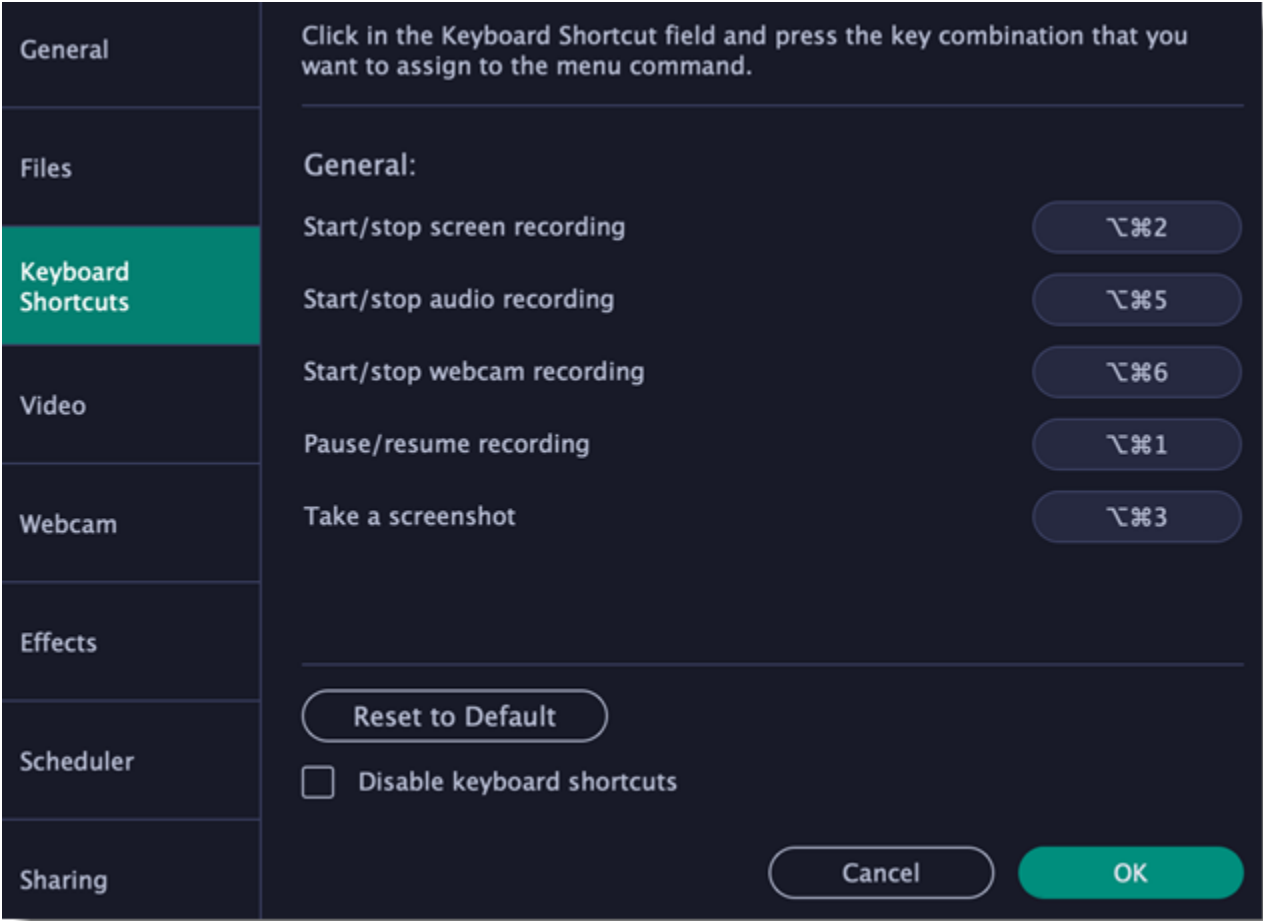
If you save the recording in a different format or trim the file, the original will be deleted.

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.



To change one of the shortcuts:

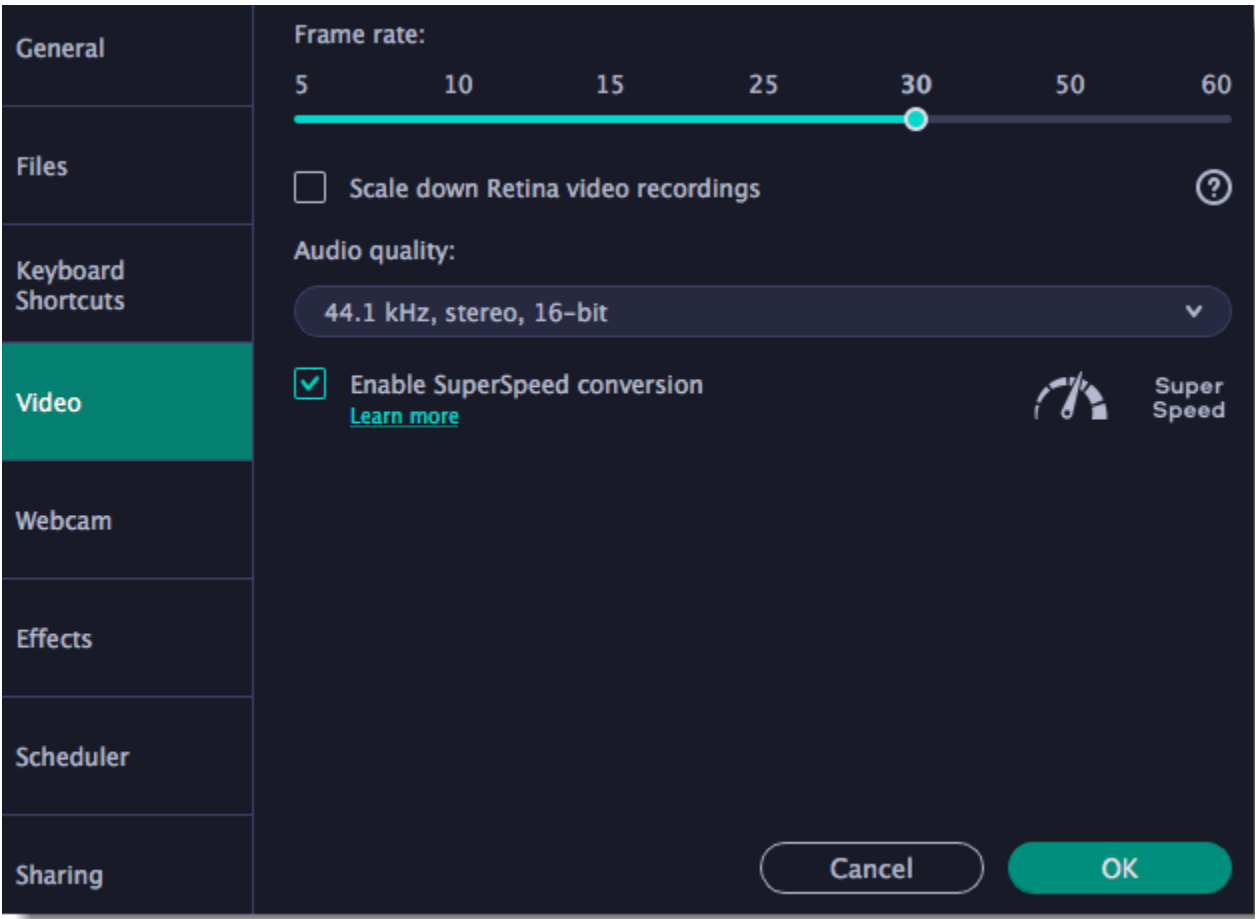
1. Click inside the box with the shortcut you want to change. The box will become blank.
2. Simultaneously press on keyboard the keys you want to use as a shortcut to the selected action. The box will now display your custom shortcut.
3. Click **OK** to apply the changes. To reset all the keyboard shortcuts 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.



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.

☒ **Scale down Retina video recordings**

Enabling this option will reduce video file size, but may also result in text and graphics appearing less crisp. Disable this option if video quality is a concern.

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

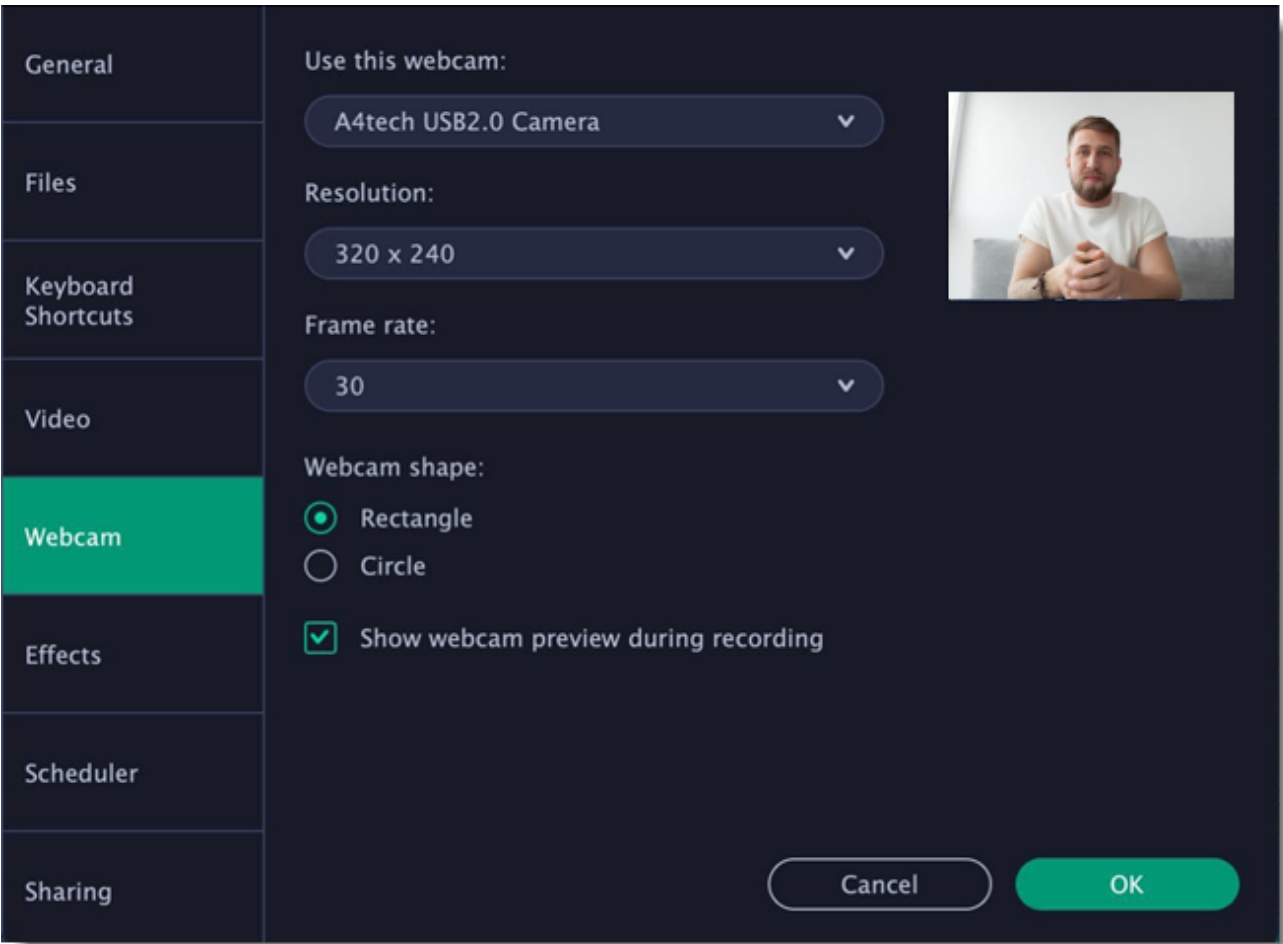
Screen Recorder will record audio at 16 bits, which is the standard bit depth for most audio recordings. This means that every sample contains 16 bits of information to encode sound.

☒ **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.

Webcam preferences

The **Webcam** section of the preferences allows you to set up your webcam for recording it on top of the main video.



Enabling the webcam

- 1. Connect the camera to your computer and wait until your system installs the necessary drivers.
- 2. 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.

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 quality.

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.

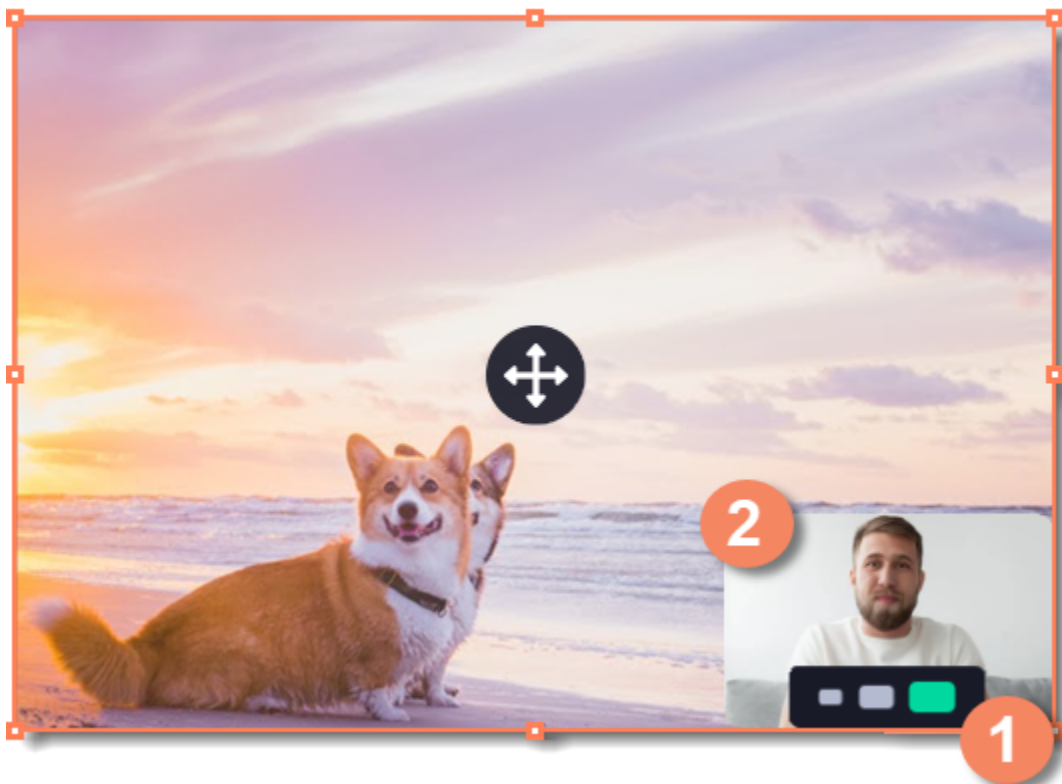
Webcam shape

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



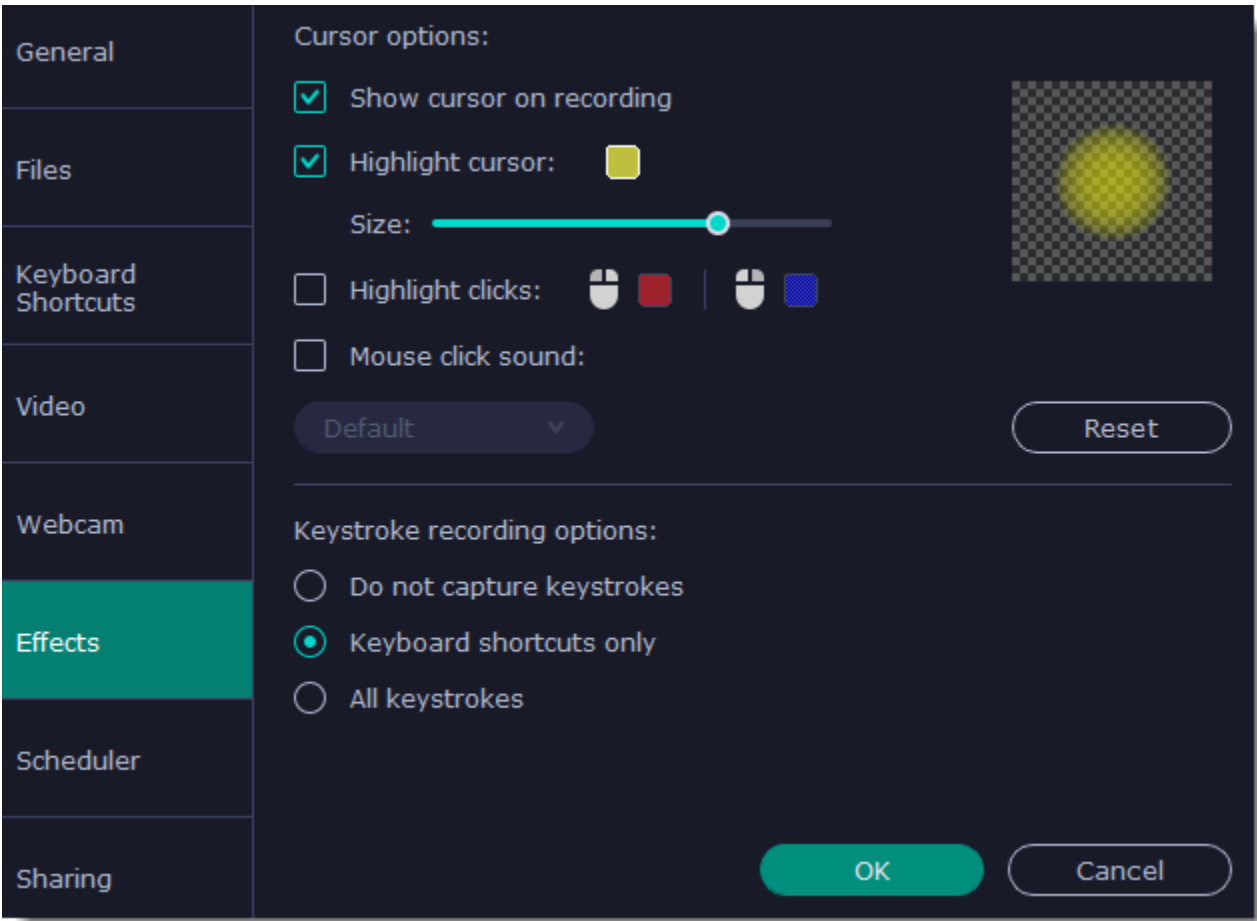
You can resize and relocate your webcam right on the capture area:

- 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.



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.

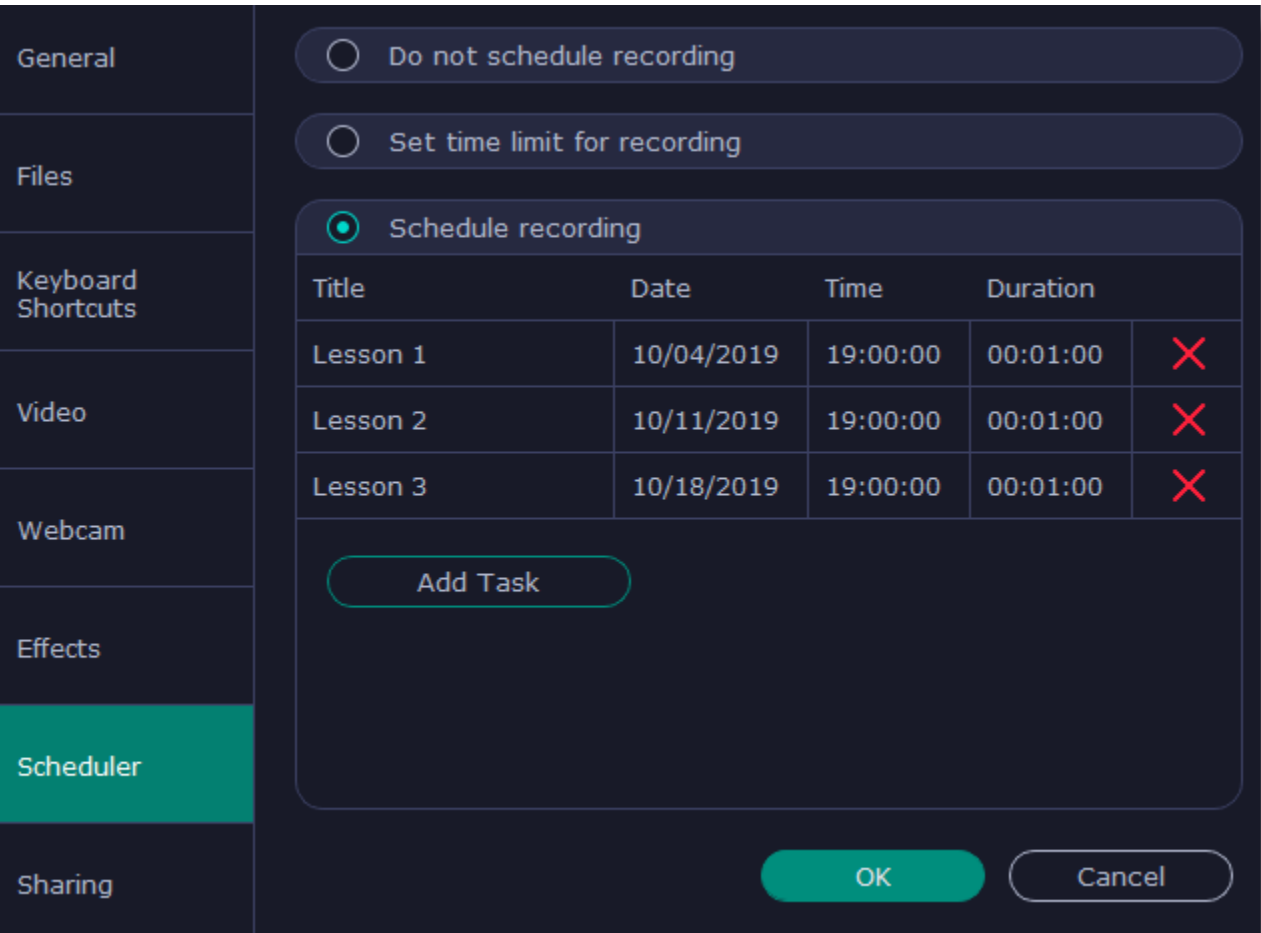
Keystroke recording options

- **Keyboard shortcuts only** – only functional keys and key combinations (for example, #Z) 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:

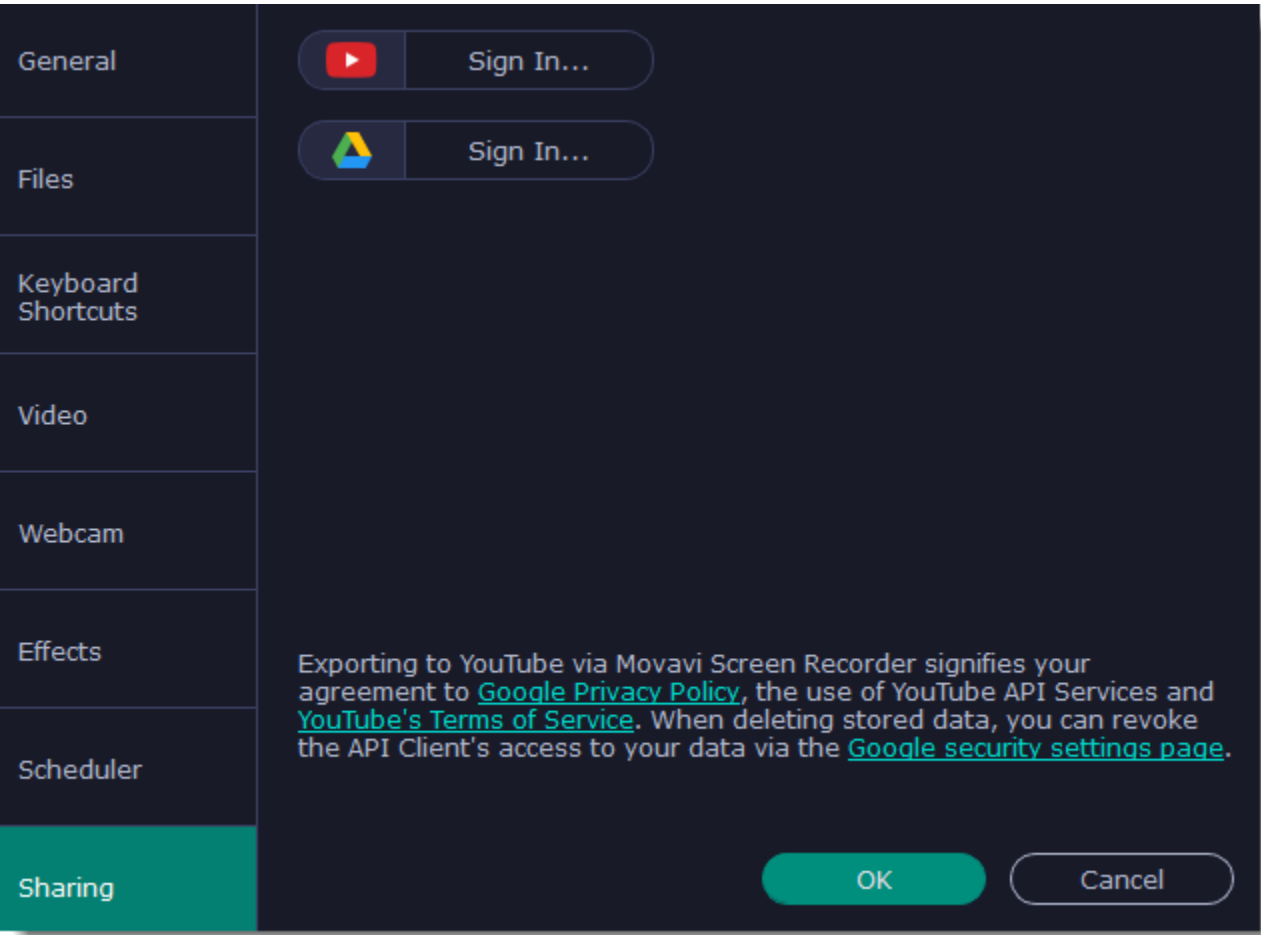
- 1. Select the "Schedule recording" option:
- 2. Click "Add Task" button.
- 3. Fill in the details and click **Create** to add your task to the recording schedule.

Learn more: [Scheduling](#)

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.



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

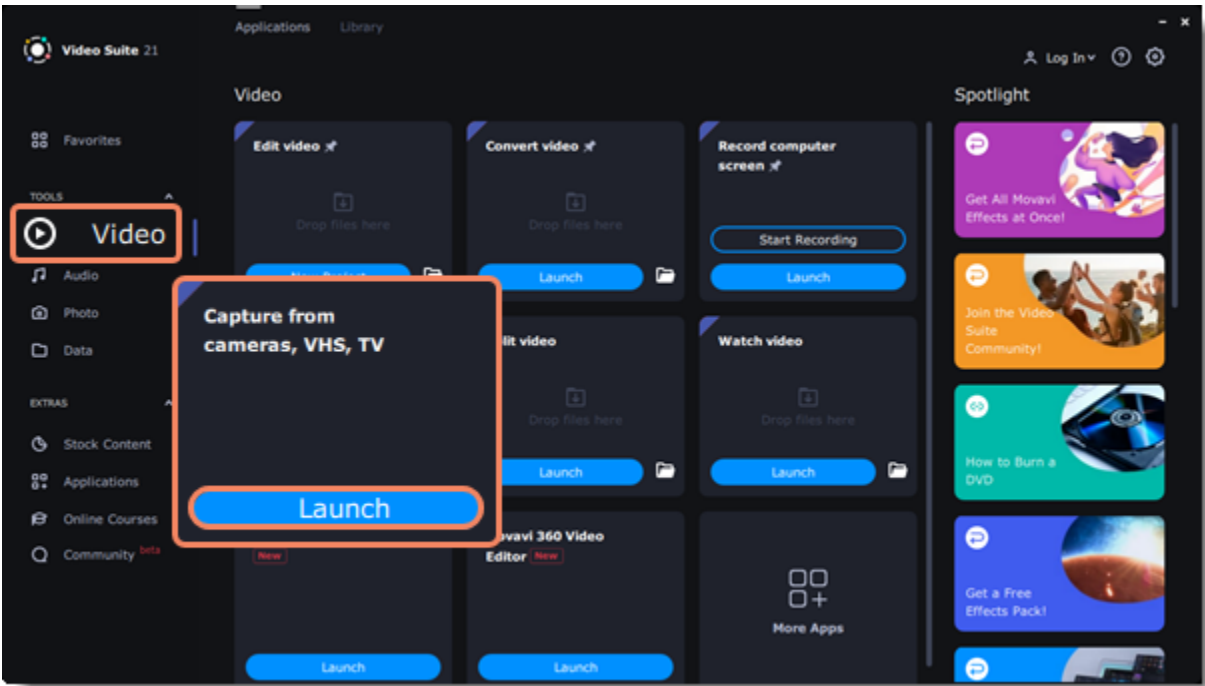
Follow the steps below to record video from a camera that's connected to your computer.

Connect the camera

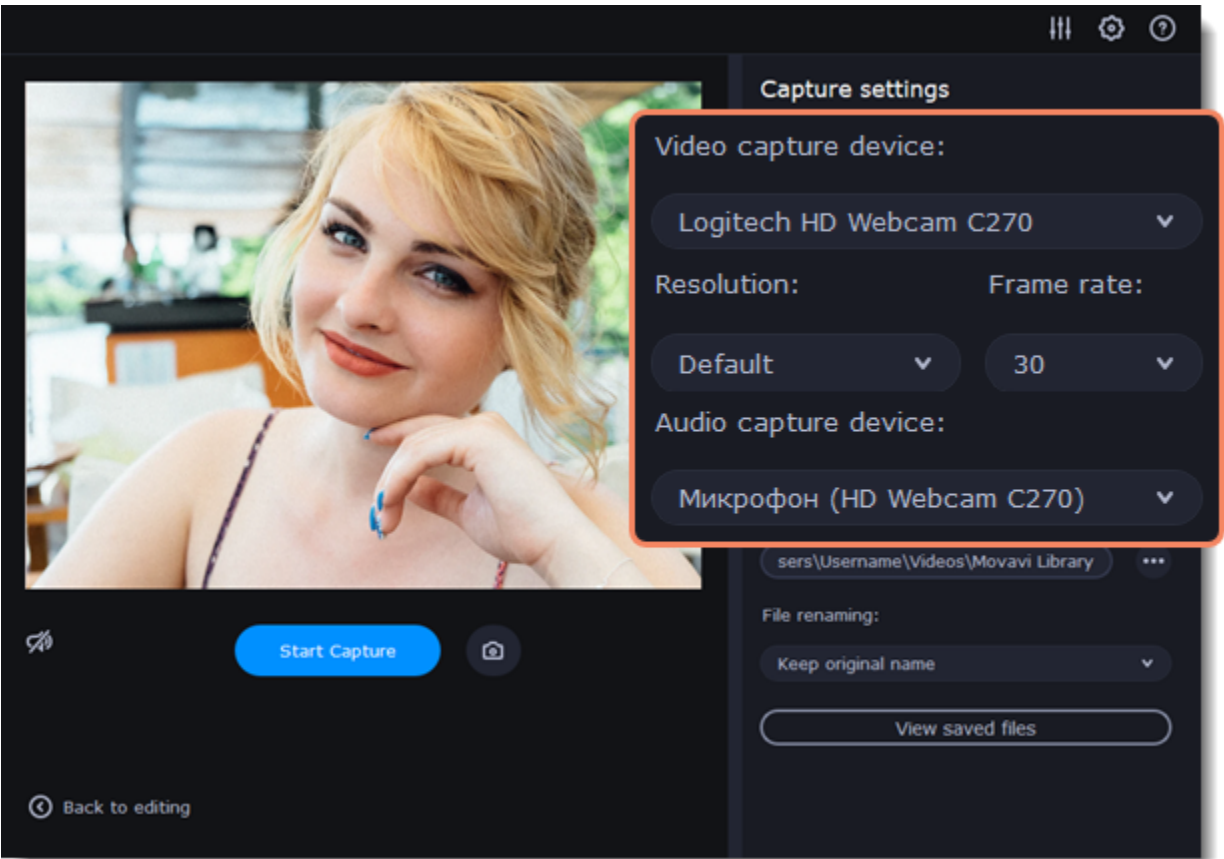
Connect the camera you want to capture from to the computer. Make sure that the system recognizes the device and that it is working correctly.



Launch the video recording program

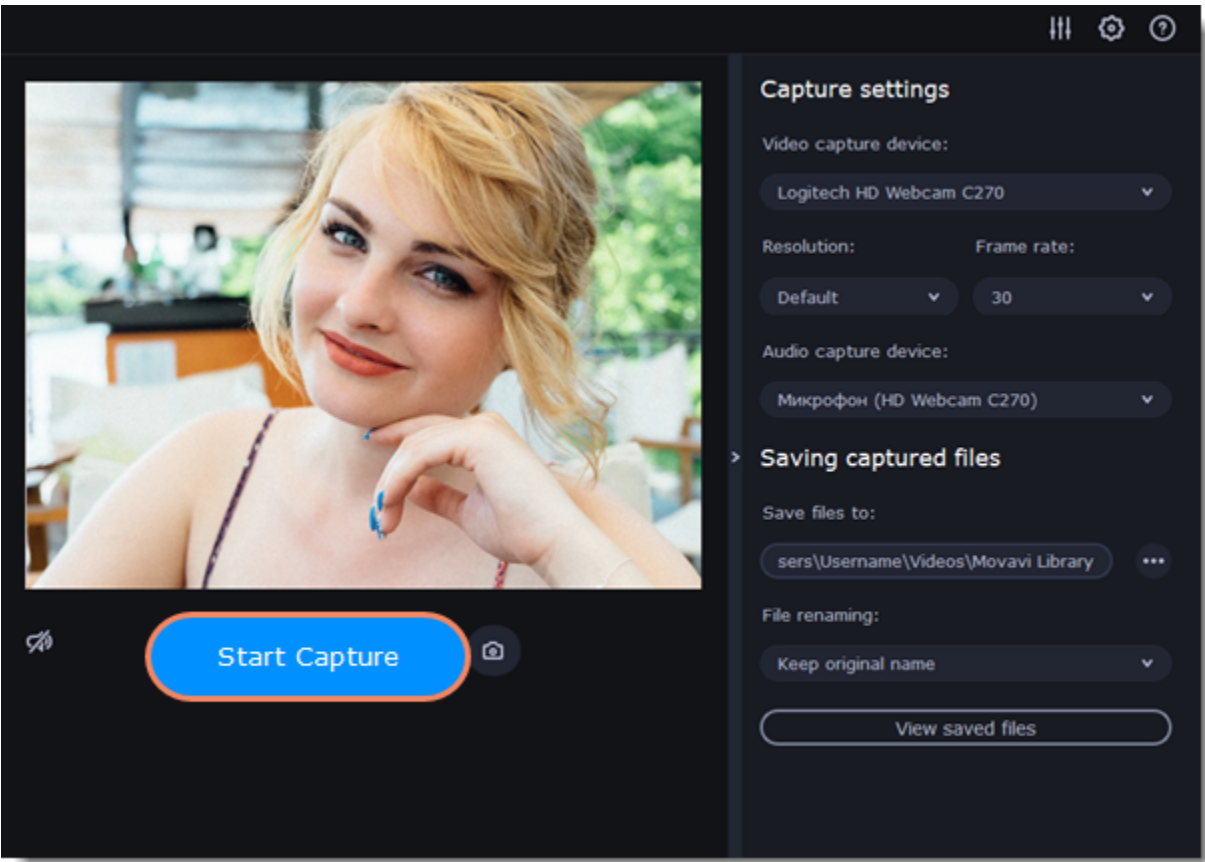
1. Open the Movavi Video Suite launcher window, click **Video** on the **Tools**. Then click **Launch** on the **Capture from cameras, VHS, TV** tile.



- 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  near 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.

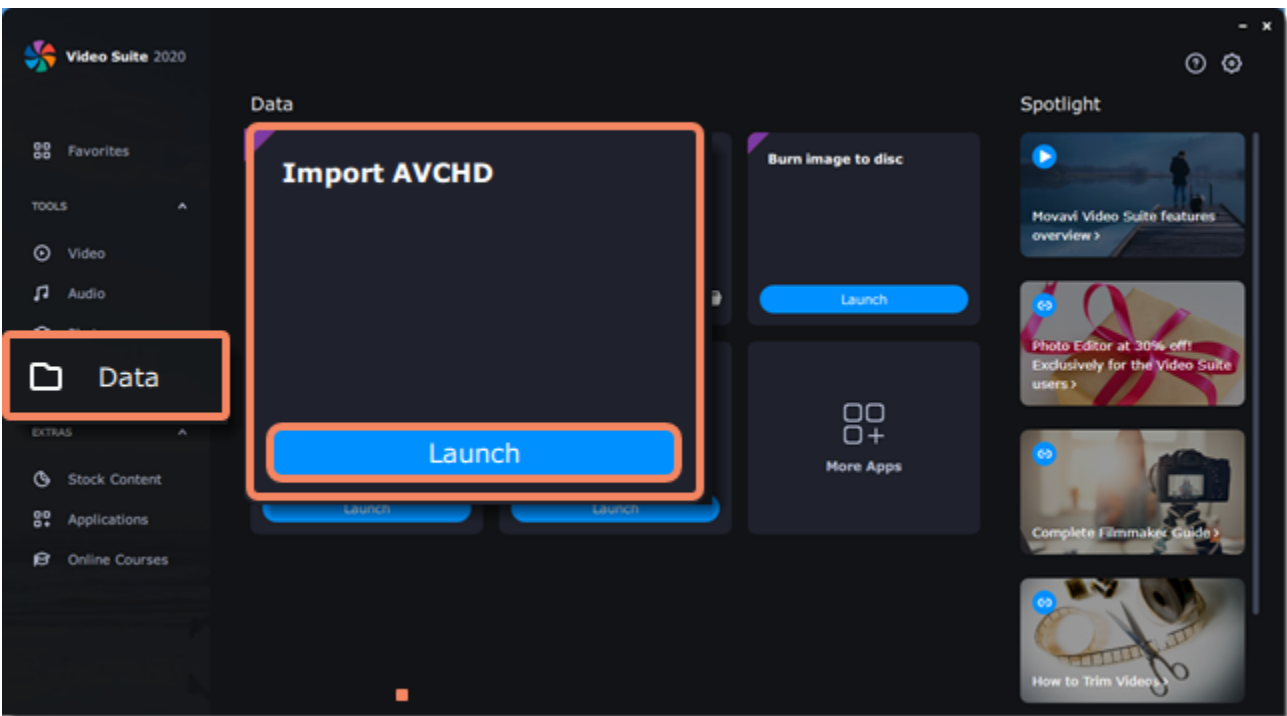


Import AVCHD

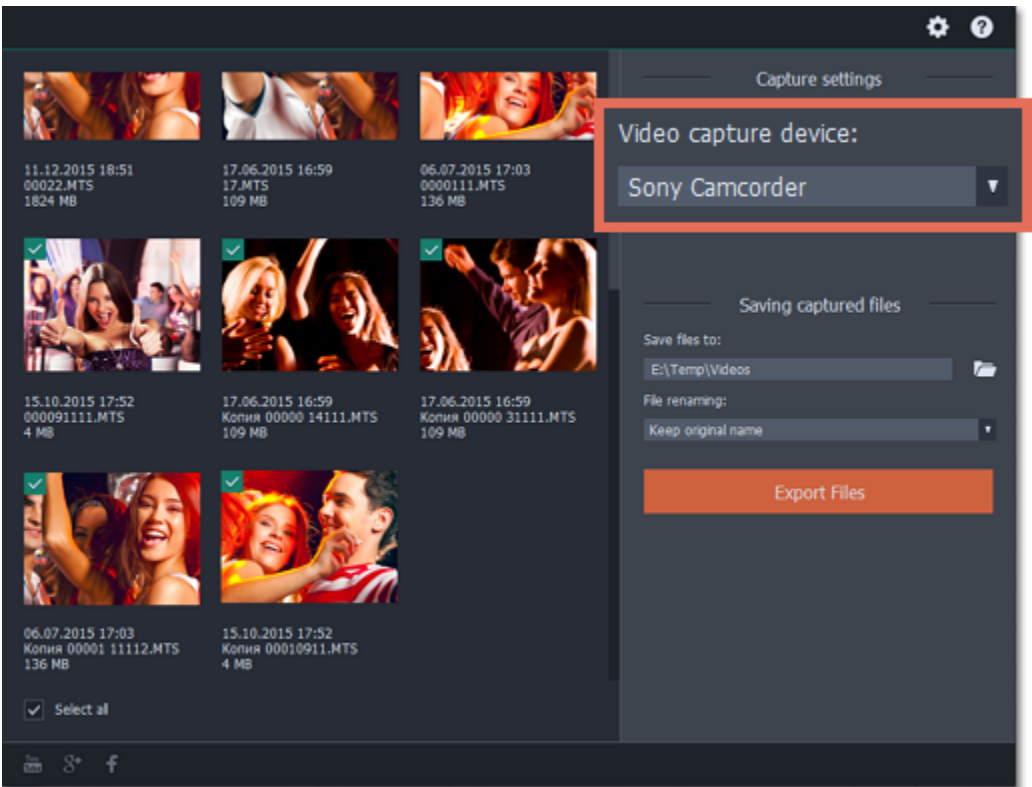
Follow the steps below to import previously recorded videos from an AVCHD camera.

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 click **Data** on the **Tools**. Then click **Launch** on the **Import AVCHD** tab.




Step 3: In the **Video capture device** box, select your AVCHD camera.



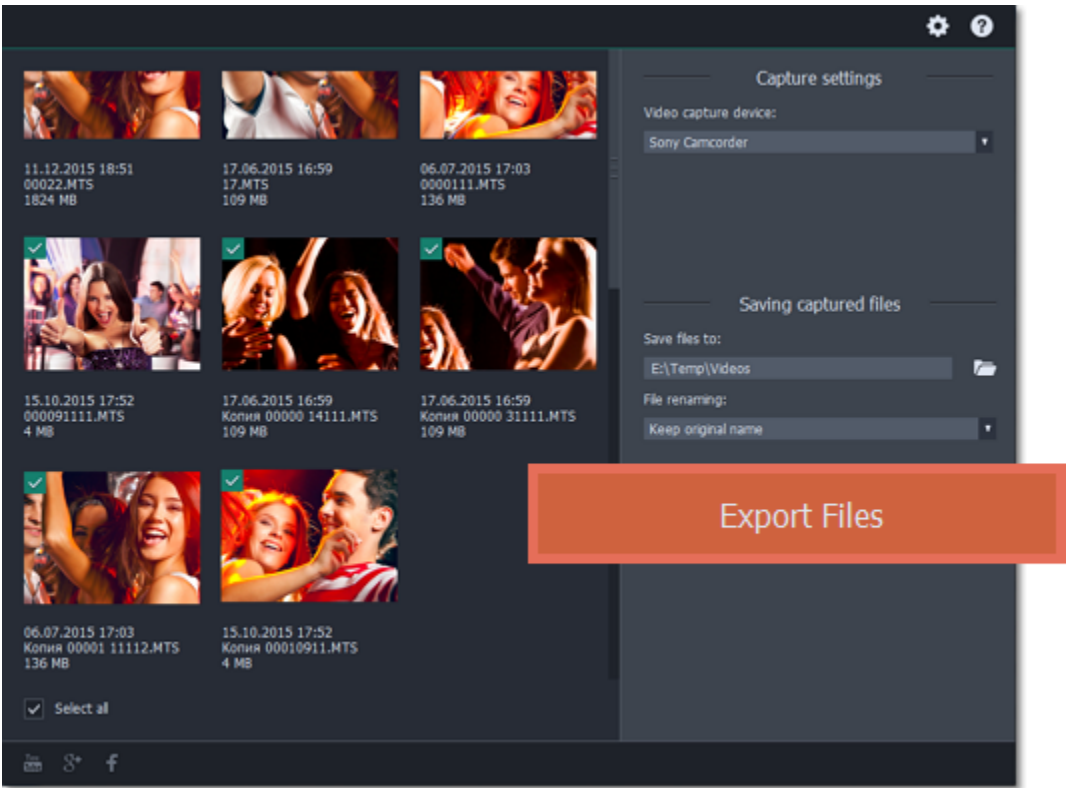
Step 4: On the left, you will see a list of all clips on the camera storage. Review the files and deselect the ones you don't need.



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  under '**Save files to**' 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.



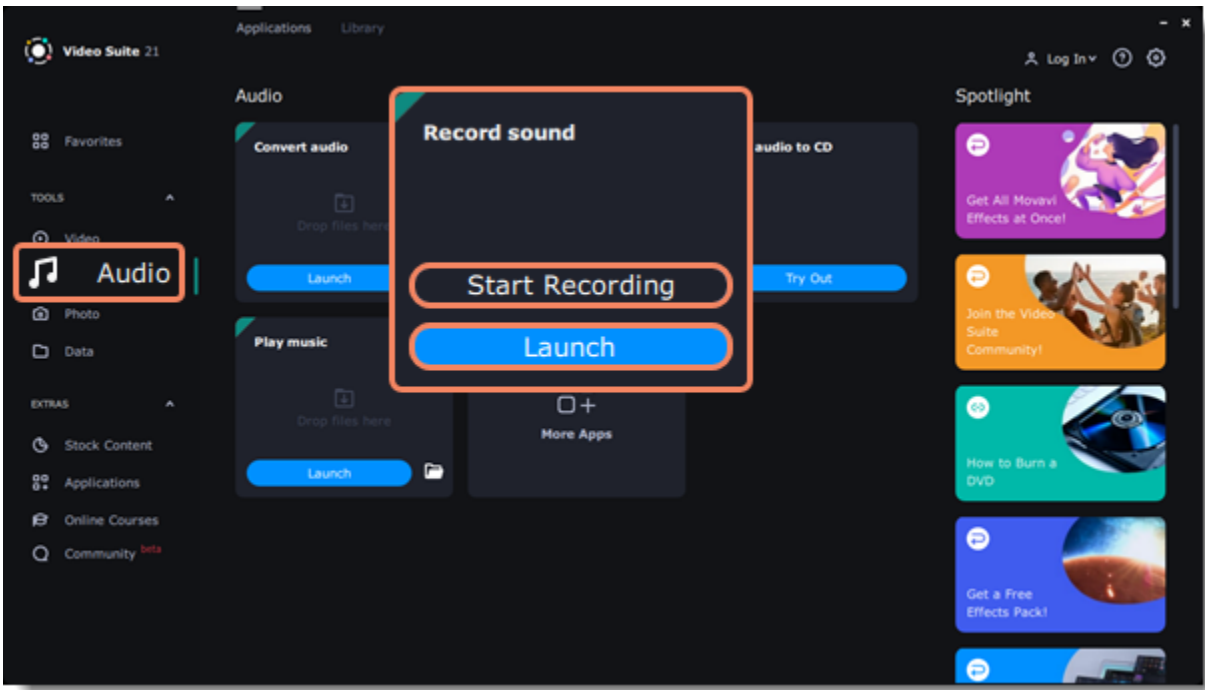
Capture audio

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 click **Audio** on the **Tools**. Then click **Launch** on the **Record sound** tab. 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** tab.

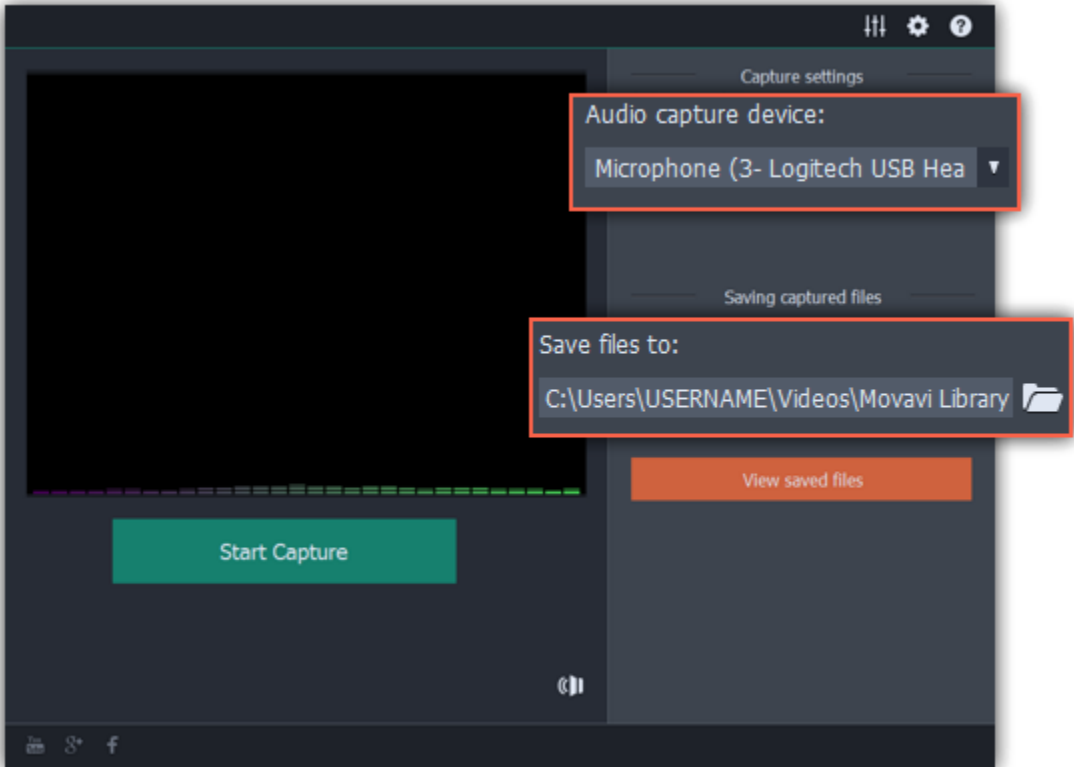


Set up audio capture

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.

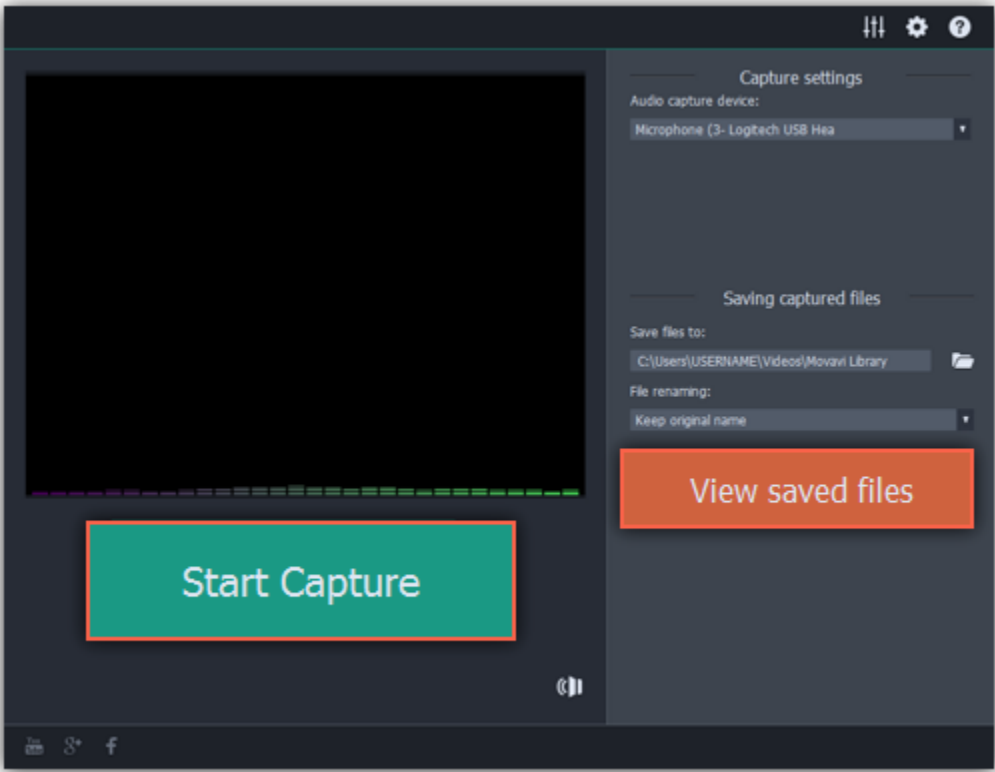
Under **Save files to**, specify the folder where you want to save the recordings. Click the folder icon next to the box to browse for the folder you need.



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.

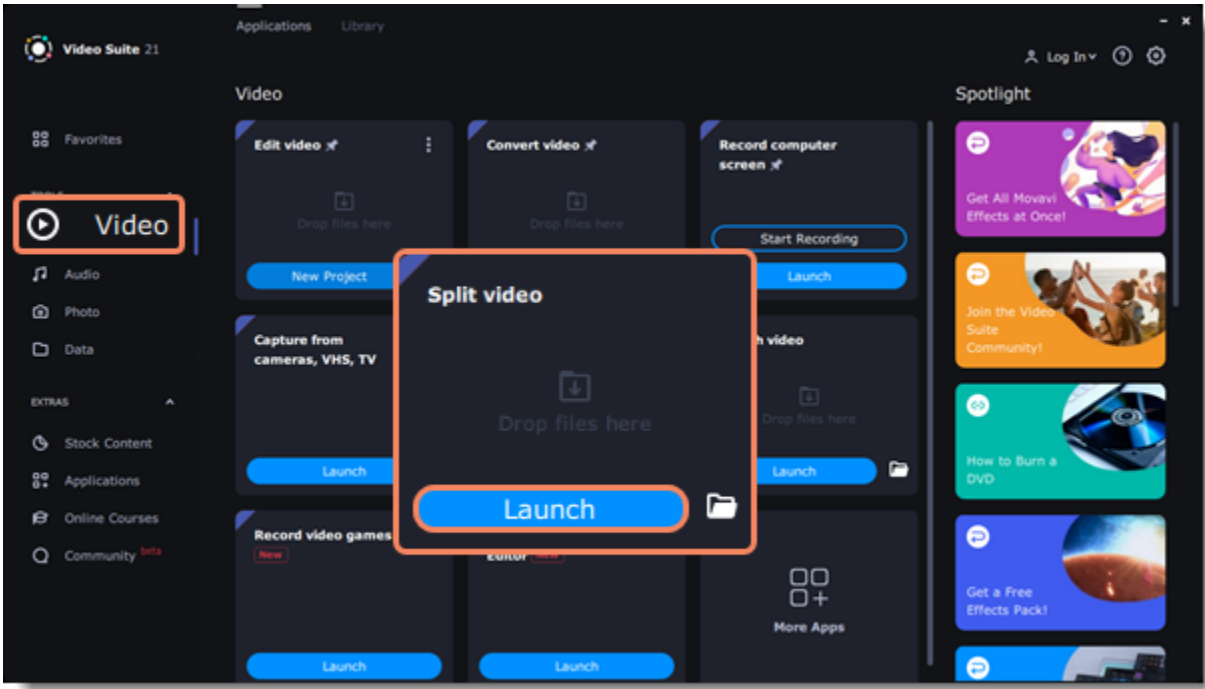
The audio files will be saved to the folder specified in the **Save files to** box. To open this folder, click the **View saved files** button.



**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.*

Split video

Split Movie is a lightweight program for quick video editing. With it, you can cut a video file into small scenes or cut out any number of unwanted parts like commercials. To open the video splitter, click **Video** on the **Tools** of the Movavi Video Suite launcher. Then click **Launch** on the **Split video** tab.



1. Open a video

To open a video file, simply drag it onto the Split Movie window.

Learn more: [Open videos](#)

2. **Edit the file**

Use the Scissors button to cut the video into scenes, then select the scenes you want to remove and click the trash can button.

Learn more: [Trim from the edges](#) | [Split scenes](#) | [Cut out parts](#)

3. **Save the result**

In the bottom right-hand corner, choose As separate files to save each scene to its own file, or choose **As a single file** to save the entire video minus the deleted scenes to one file. Then, click **Save** and select where you'd like to place the new file(s).

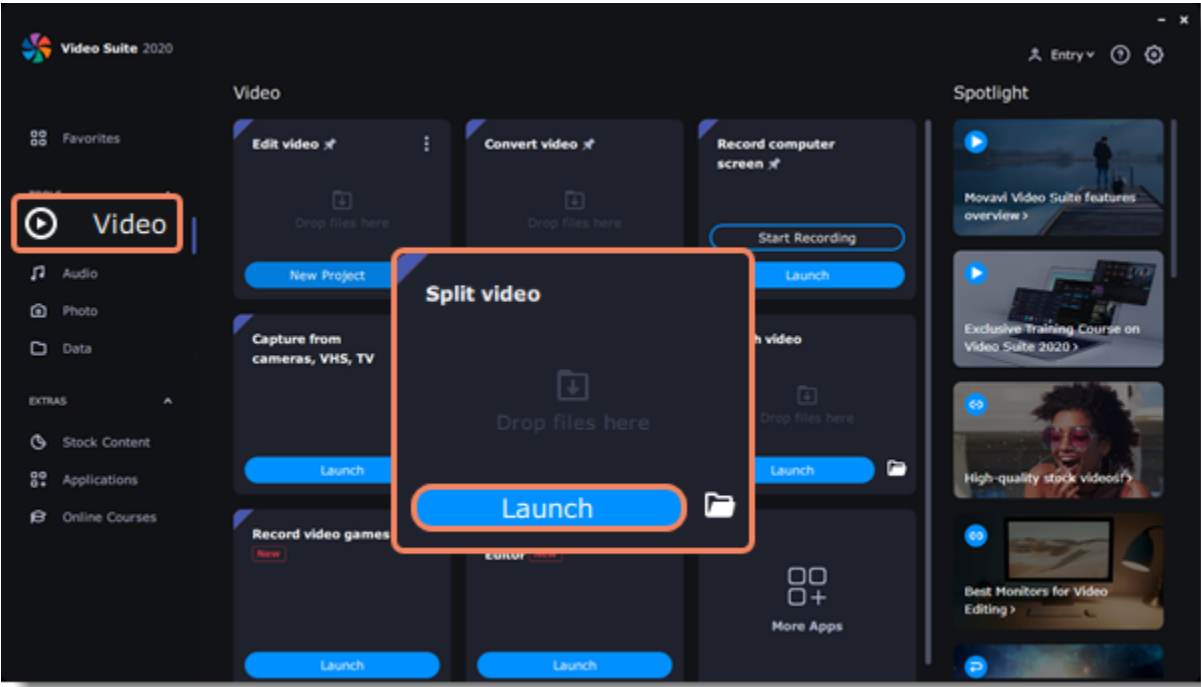
Learn more: [Saving the result](#)

How to split video

The splitting module allows you to quickly split a video file into parts or cut out fragments without reconverting the file or any quality loss.

Launch the splitter

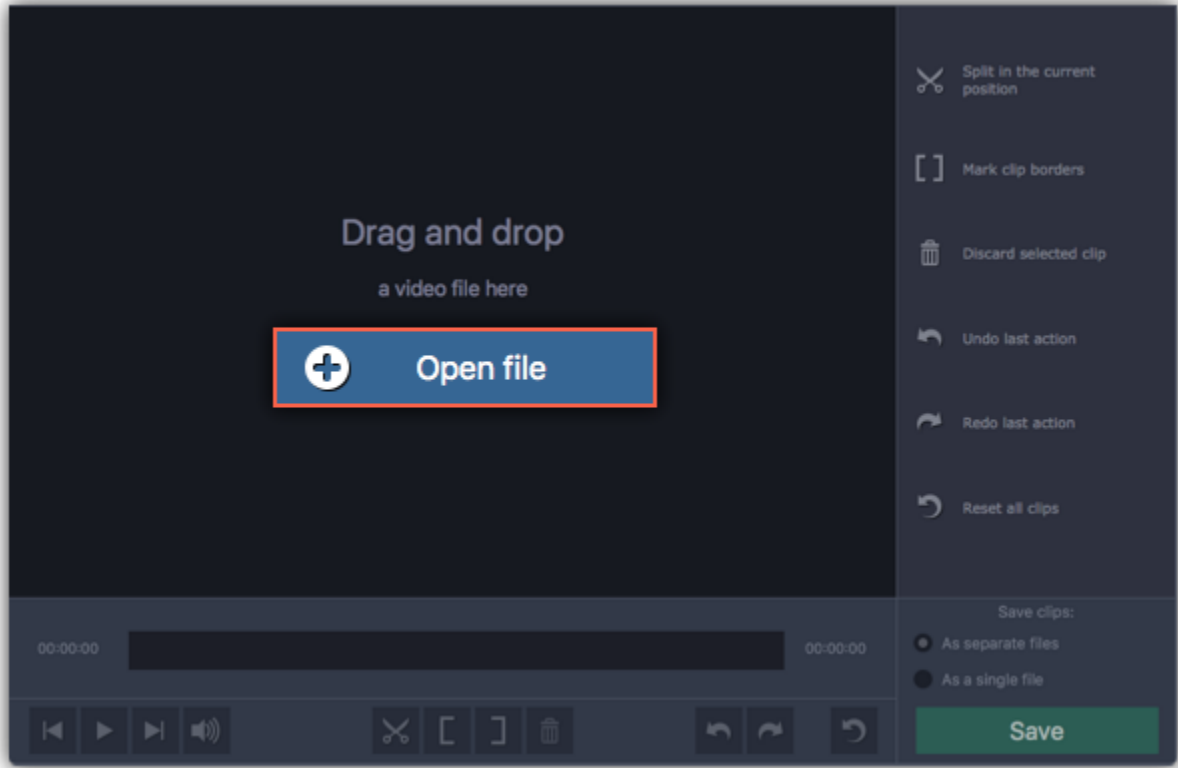
To open the video splitter click **Video** on the **Tools** of the Movavi Video Suite launcher. Then click **Launch** on the **Split video** tab.




Open files

To start cutting videos, click **Open file** in the middle of the window and choose a video file.

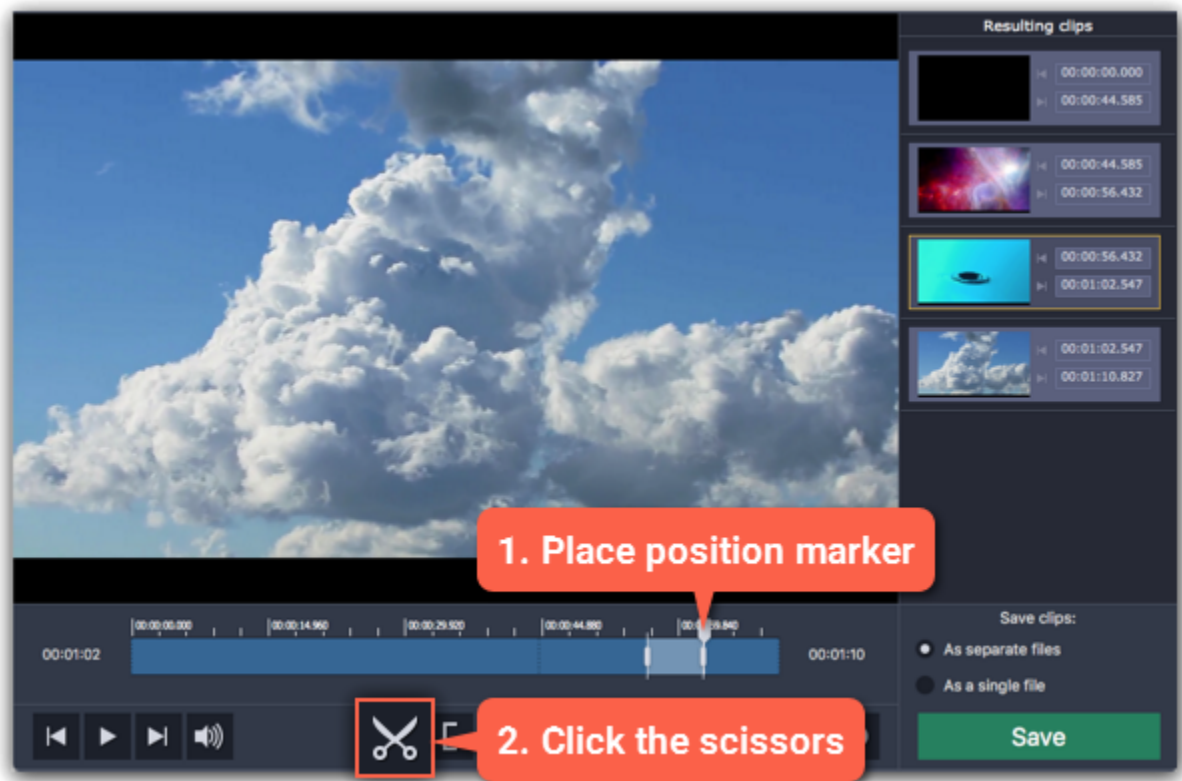
Learn more: [Opening files](#)





Split scenes

To cut the video into several scenes, place the position marker where you want to cut scenes and click the **scissors**  button. Repeat this for all scenes in the video.

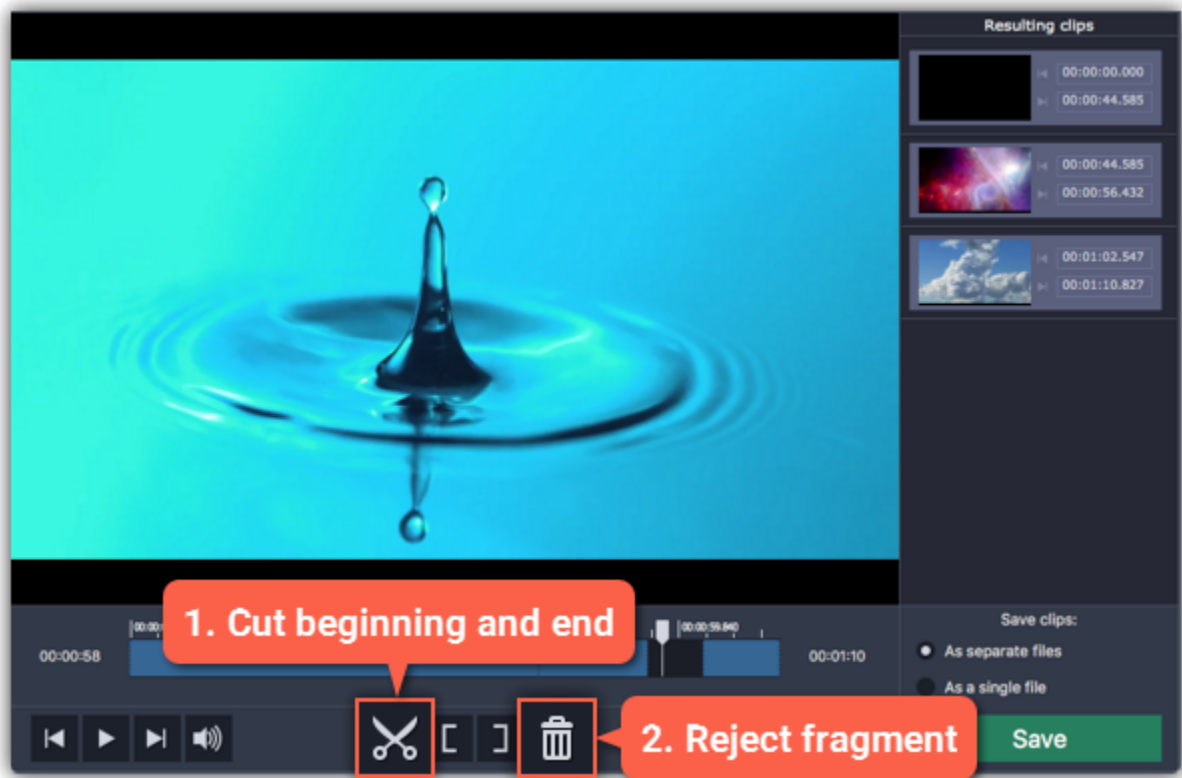
Learn more: [Splitting scenes](#)



Cut out unwanted fragments

To remove a fragment from the video, place the position marker onto the beginning of the fragment and click the **scissors**  button. Then, do the same for the end of the fragment. When the fragment is separated, select it and click the **trash can**  button to remove it.

Learn more: [Cutting out parts](#)



Save the result

In the bottom right-hand corner, you can choose how to save the resulting clips:

- To save each scene as a separate file, select **As separate files**.
- To save all scenes to a single file without the deleted fragments, select **As a single file**.

Then, click **Save** to start processing the video.

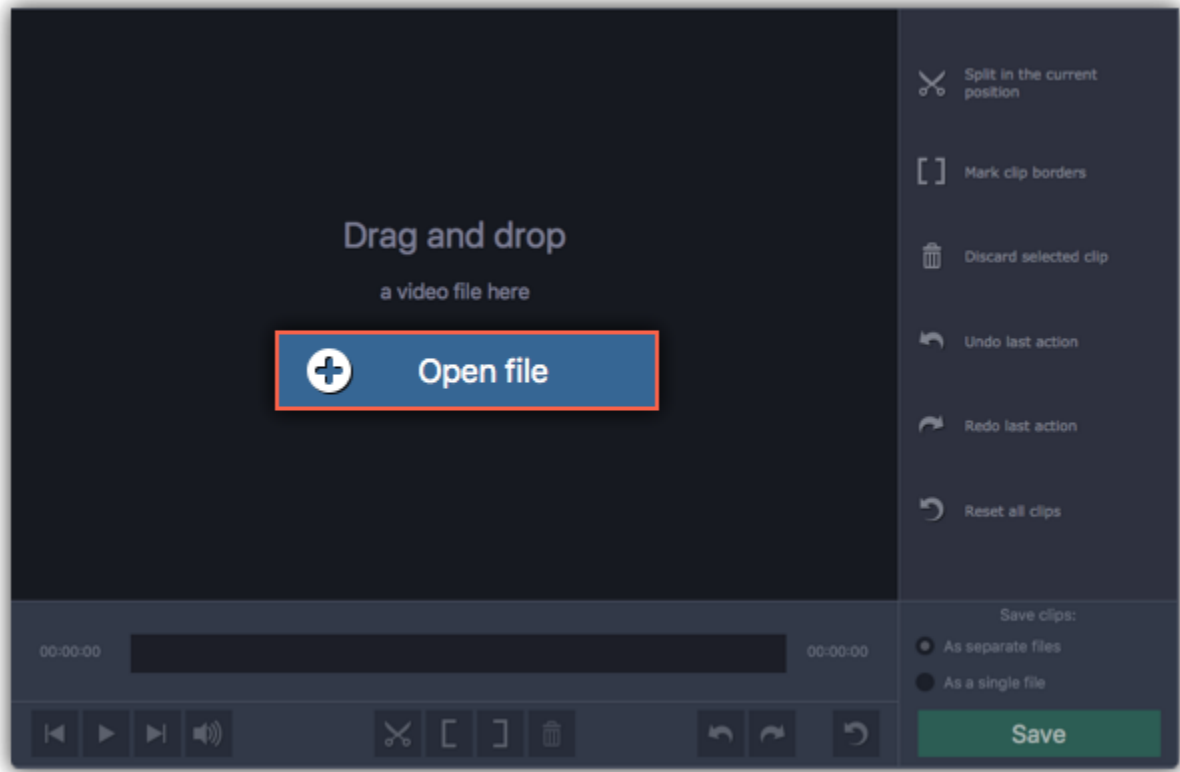
Learn more: [Saving the result](#)



Opening files

To open videos, do any of the following:

- Find a file in Explorer and drag it onto the Movavi Split Movie window.
- Click **Open file** in the center of the window and choose the file.
- Open the **File** menu and choose **Open File**. Then, choose the file you want to cut.

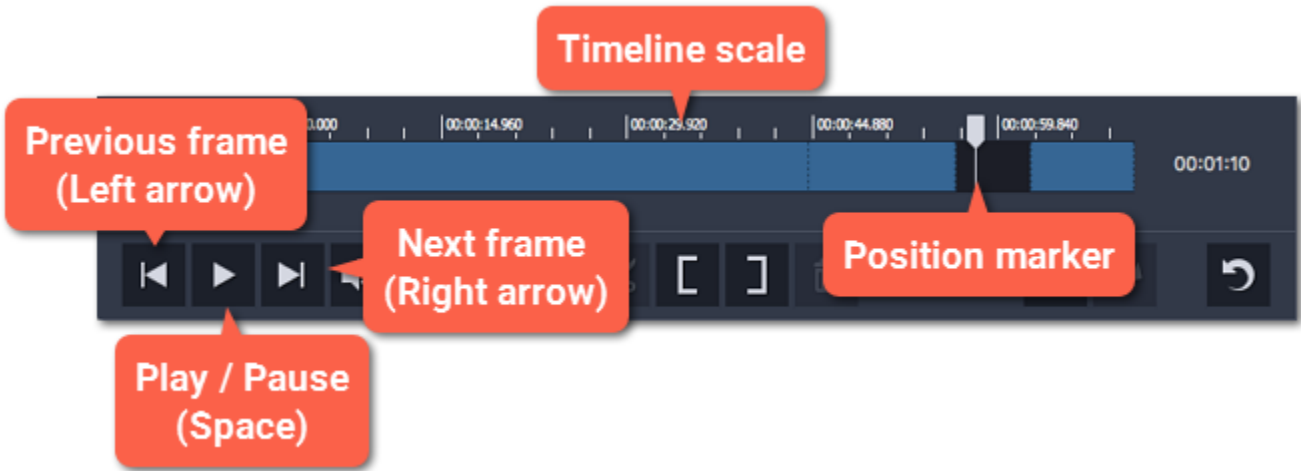


Playback

After you've opened the video, you can use the playback tools to find where you need to cut the video.

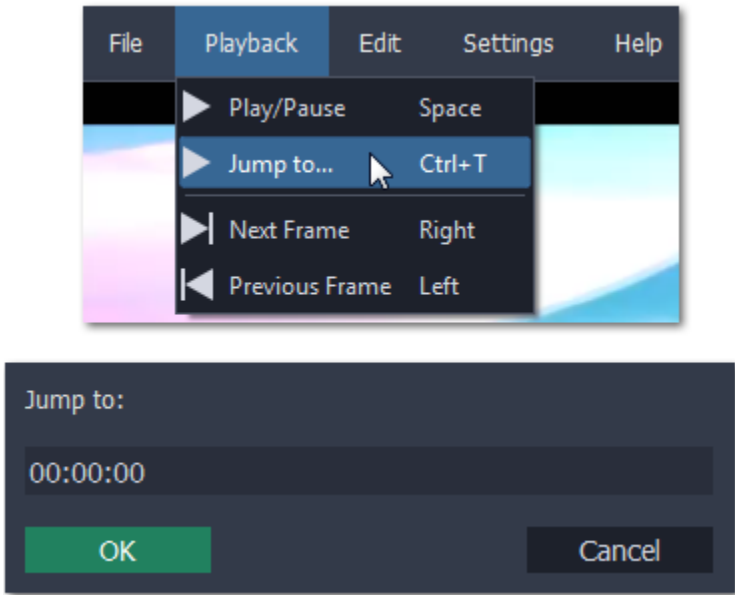
How to position the playback marker:

- When you play the video, press the spacebar to stop the video when you see a scene border.
- Use the **Previous frame** / **Next frame** buttons on the toolbar to move the position marker by one frame.
- Use the timeline scale above the seek bar for reference.



Jumping to a specific time:

1. Open the **Playback** menu and choose **Jump To**.
 2. Enter the exact time and click **OK**.
- The position marker will move to the specified time.



Cut out parts

Follow these steps to cut out an unwanted fragment from the video:

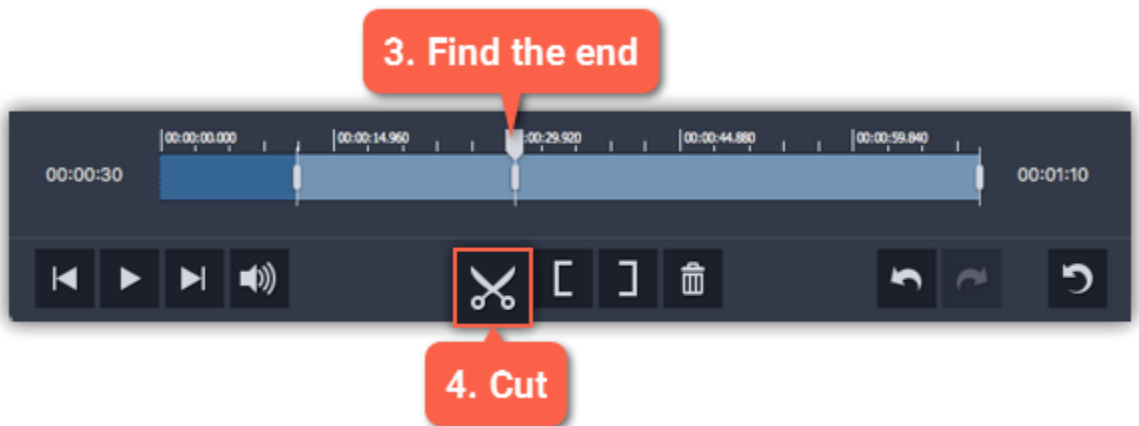
Step 1: Move the position marker to the beginning of the unwanted fragment.

Step 2: Click the **scissors** button.

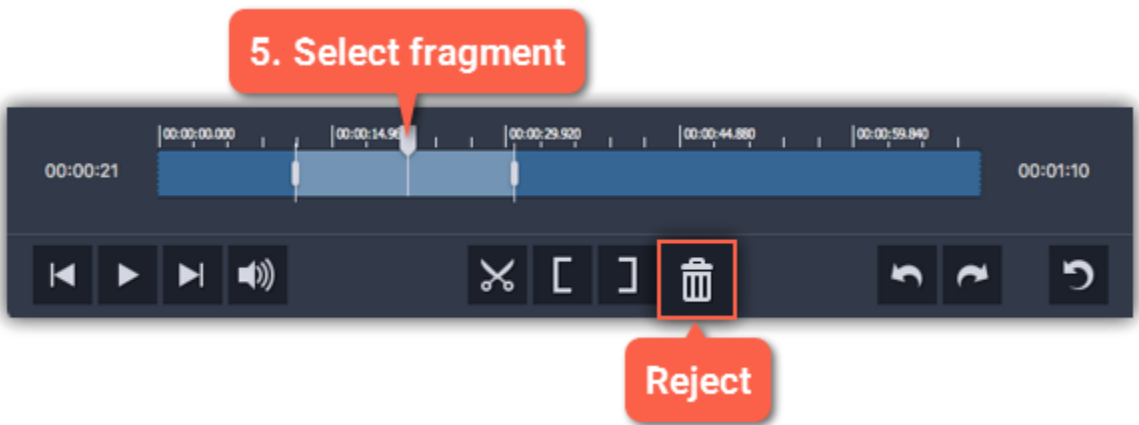


Step 3: Move the position marker to the end of the unwanted fragment.

Step 4: Click the **scissors** button again. The fragment is now separated from the rest of the video.



Step 5: Click the fragment you've cut to select it and click the **trash can** button to reject it.



Repeat these steps for all other unwanted fragments in the video. After you're done, don't forget to save the result.

See also:
[Opening files](#)
[Saving the result](#)

Liking a scene

You can quickly mark fragments as you play back the video.

Like a fragment – Press **L** to play the video and **keep** the fragments you pass.

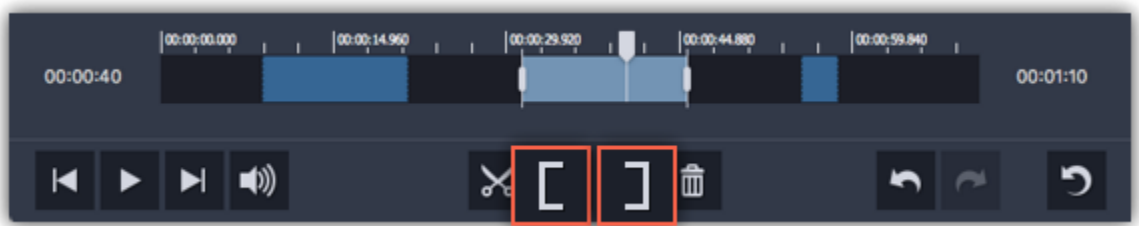
Dislike a fragment – Press **K** to play the video and **reject** the fragments you pass.



You can change these keys in the [Keyboard Shortcuts](#) window.

Using the brackets

Using the bracket buttons, you can mark the beginning and end of each scene. Using the brackets works best if you only need to keep a small part of the video.

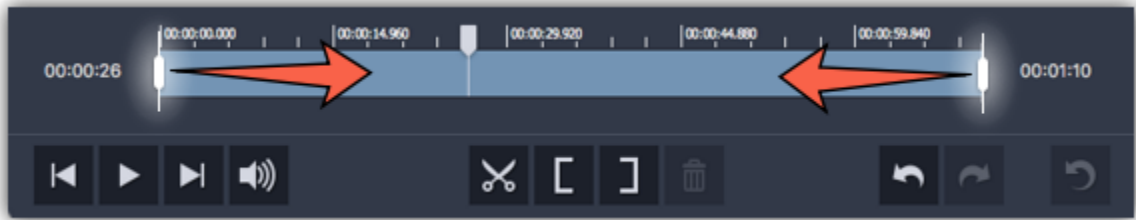


[The **Left Bracket** marks the beginning of a clip, rejecting the parts before it.

] The **Right Bracket** marks the end of a clip, rejecting the parts after it.

Trimming from the ends

To trim the video from the beginning or from the end, click on the seek bar and pull on the markers on the edges:



Splitting clips

Step 1: Move the position marker to the beginning or the end of a fragment.

Step 2: Click the **scissors** button to make a cut.

Repeat this for other fragments that you want to cut into separate files. After you're done, don't forget to save the result.



See also:
[Opening files](#)
[Saving the result](#)

Editing clips

After you've cut the video into clips, you can edit each clip for more precise splitting.

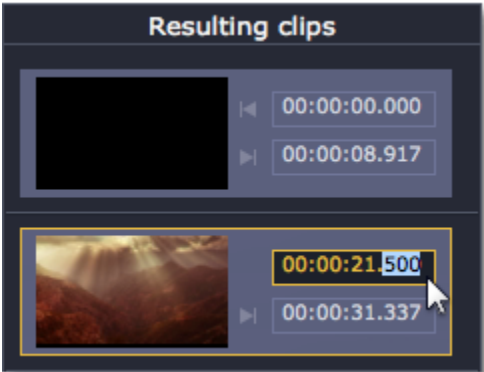
Editing clips

- To change the left and right borders of a clip, do any of the following:
- Click on a clip and drag the white markers on its edges to change its length.
 - Click on a marker and press the left or right arrow keys to move it by exactly one frame.
 - To move a clip, select it and drag it by the center.



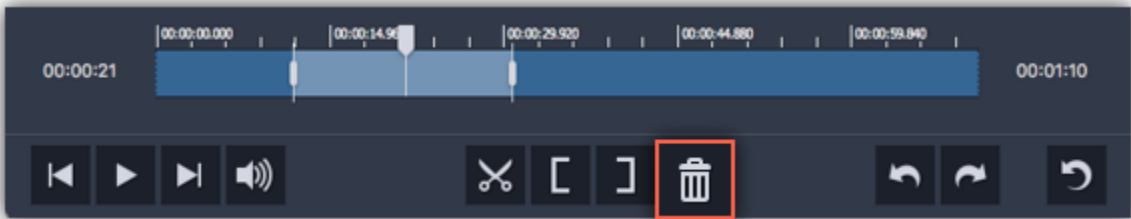
Setting exact time

In the Resulting clips column on the right, the exact beginning and end time is listed for each clip. Click the time and manually enter the new time into the box.



Discarding clips

To discard an entire clip, select it on the Timeline or in the Resulting clips column and click the **trash can** button.

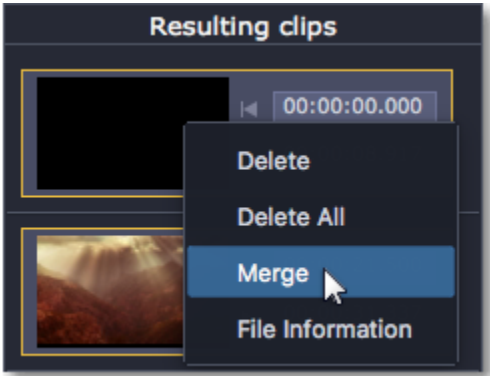


Merging clips

To merge two or more clips into one contiguous clip:

- 1.** Select the clips you want to merge on the Timeline or in the **Resulting clips** column. Hold **Ctrl** to select multiple clips.

2. Right-click on the clips and select **Merge** from the pop-up menu. All of the selected clips (as well as any rejected fragments between them) will be marked as one single clip.



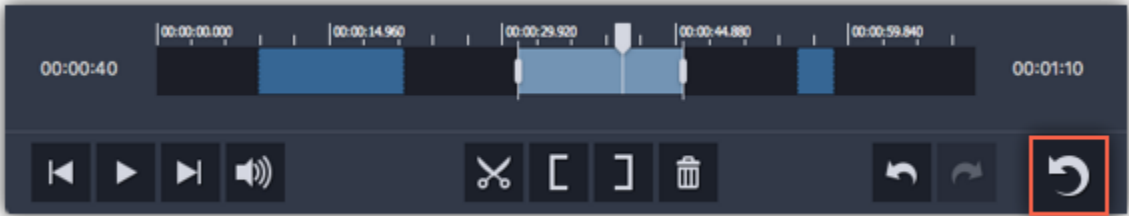
Inverting clip selection

Open the **Edit** menu and select **Invert clips** in the pop-up menu. This will invert the selection for the entire file, meaning that previously rejected fragments will be saved, and selected parts will be rejected.



Resetting clip selection

If you want to start over, click the **Reset** button on the toolbar or right-click in the **Resulting clips** section and select **Delete All**.



Saving the result


After you've split the scenes and removed unwanted fragments, you'll need to save the resulting clips. The saving options are located in the bottom right-hand corner of the window.

Step 1: Select how you want to save the file

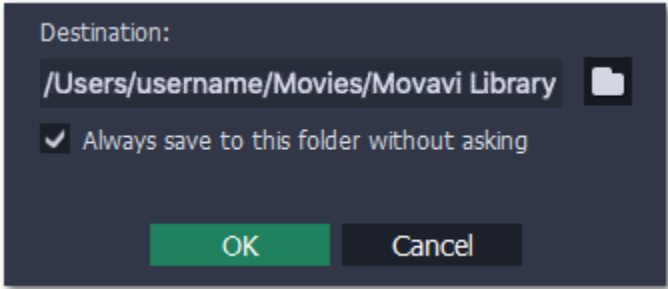
- If you want to cut the video into several files, select **As separate files**.
- If you want to save the video as a single file without the rejected parts, select **As a single file**.

Step 2: Click **Save**.



Step 3: You may be asked to choose a folder for saving the video. Click the folder icon  in the dialog box to change the folder. Click **OK** to start saving the resulting clips.

Hint: If you want to keep using this folder, choose **Always save to this folder without asking**. You can always change this option on the Saving tab of the [Preferences](#).



Keyboard shortcuts

For faster editing, the most commonly used actions are bound to shortcuts or hotkeys.

To open the list of shortcuts:

- 1. Open the **Settings** menu.
- 2. Select **Keyboard Shortcuts**.

To change a shortcut:

- 1. Double-click the field next to the action you want.
- 2. Press the key or key combination you want to use.

Note that some key combinations may not work because if they are used by your system.

Action	Shortcut
Reject Fragment	Del
Dislike a fragment	K
Exit	
Save as one file	Ctrl+Shift+J
Save as separate files	Ctrl+Shift+S
Jump To Specific Time	Ctrl+T
Invert Clips	Ctrl+I
Mark Clip Beginning	Ctrl+[
Like a fragment	L
Next frame	Right
Open File...	Ctrl+O
Play/Pause	Space
Previous frame	Left

List of keyboard shortcuts

Splitter preferences

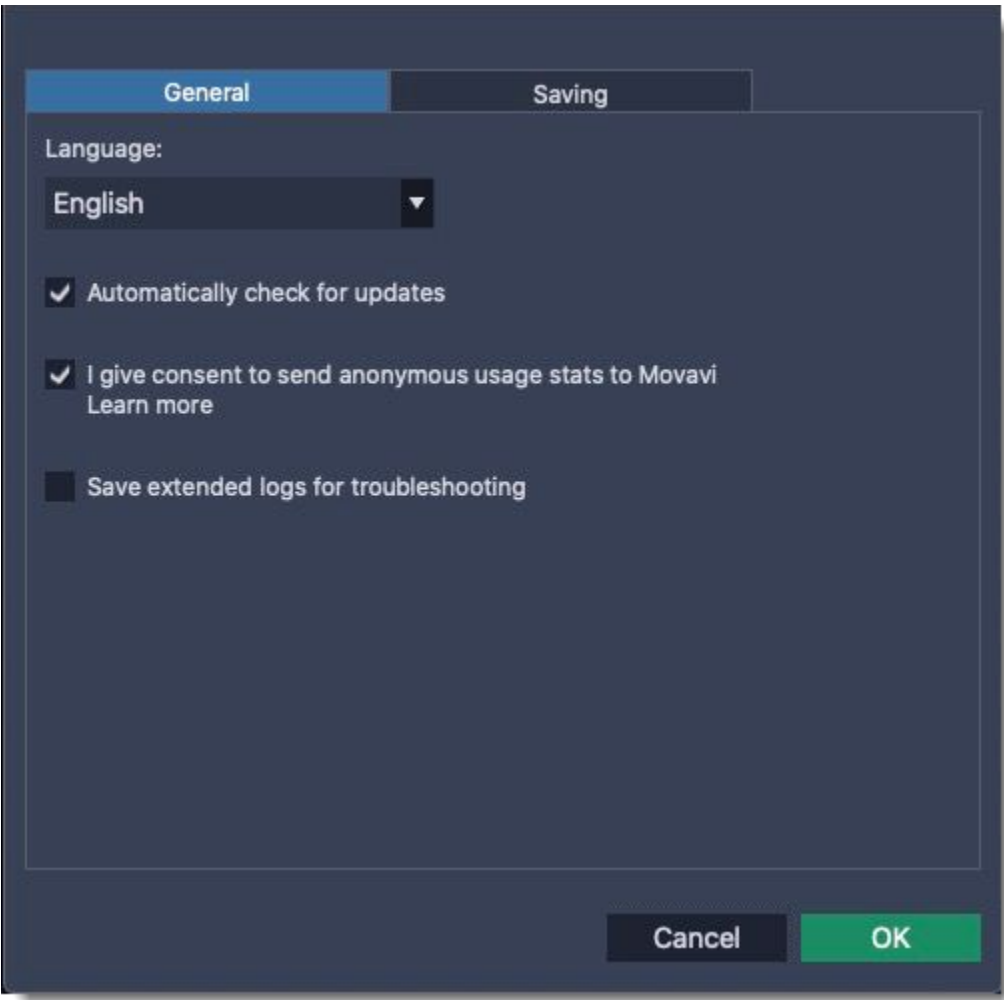
To open preferences, go to the **Settings** menu. The options are sorted into two tabs at the top.

General


Language – Changes the interface language.

Automatically check for updates – Whenever a new version is available, you will be notified when you start the program.

Send anonymous usage stats to Movavi – Lets the program collect statistics about how you use the program. The data does not contain any personally identifiable information and is only used for improving our software. You can find more information about how we use the statistics on our [Movavi Improvement Program](#) page.

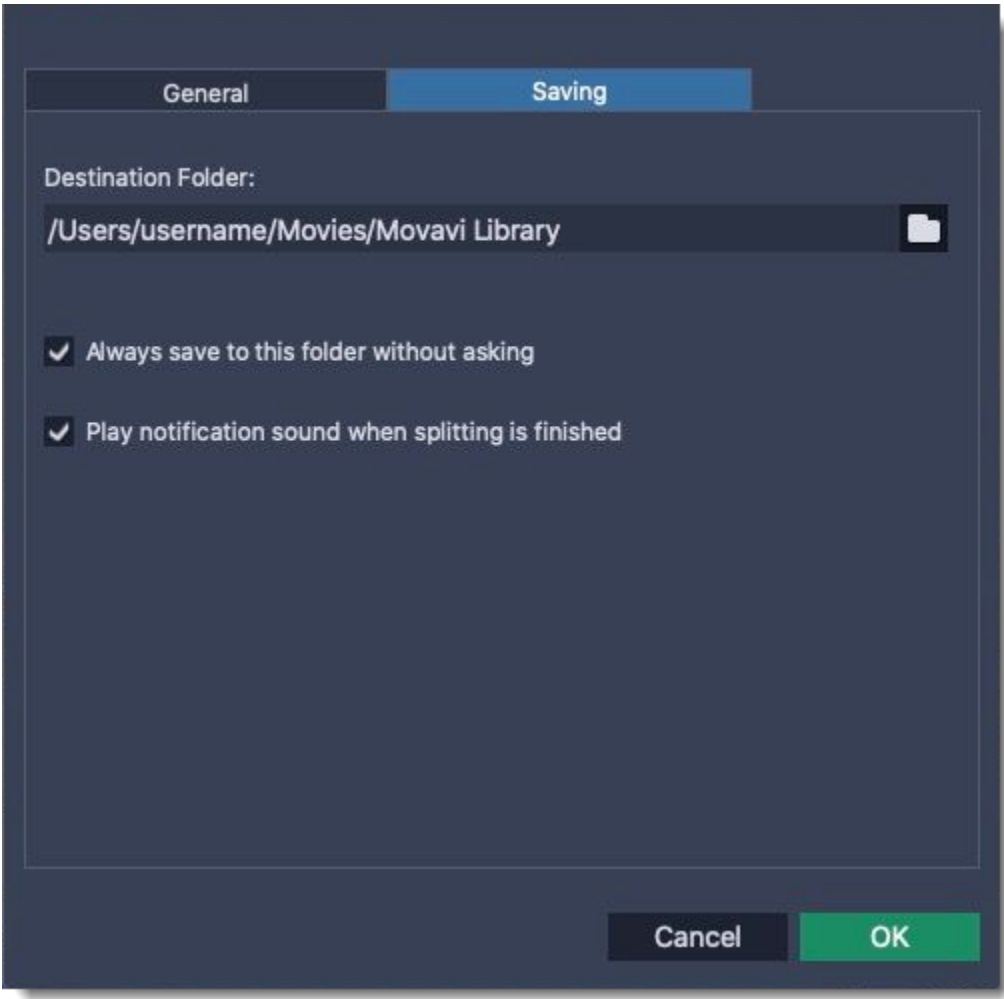


Saving

Destination folder – this is where the resulting files will be saved by default. To change the location, click the folder icon  on the right.

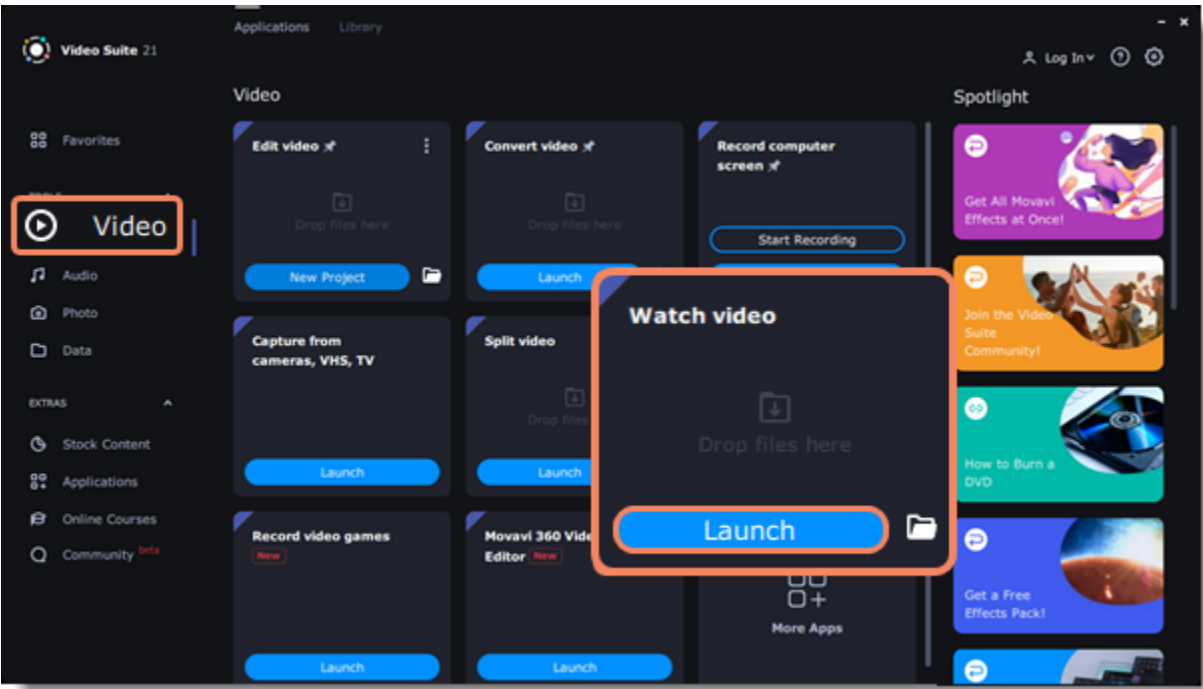
Always save to this folder without asking – if this option is disabled, you will be prompted to choose a folder every time you save videos.

Play notification sound when splitting is finished – a sound will play when the resulting clips have been saved.

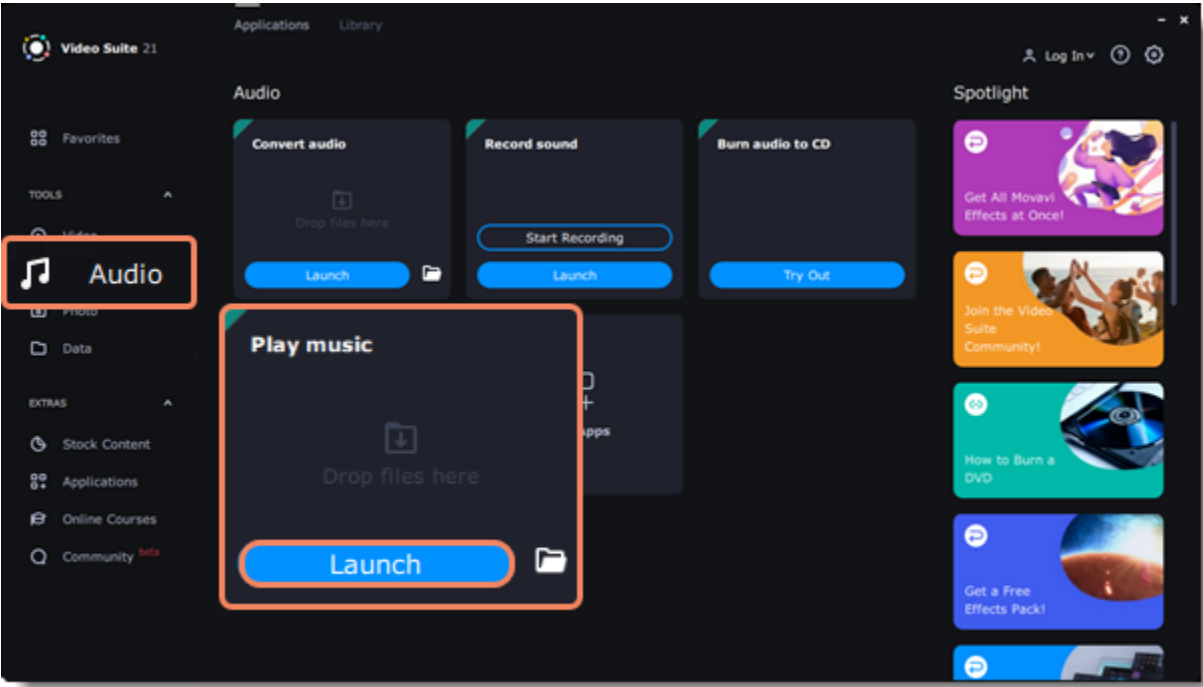


Play video and audio

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, click **Video** on the **Tools** of the Movavi Video Suite launcher. Then click **Launch** on the **Watch video** tab.



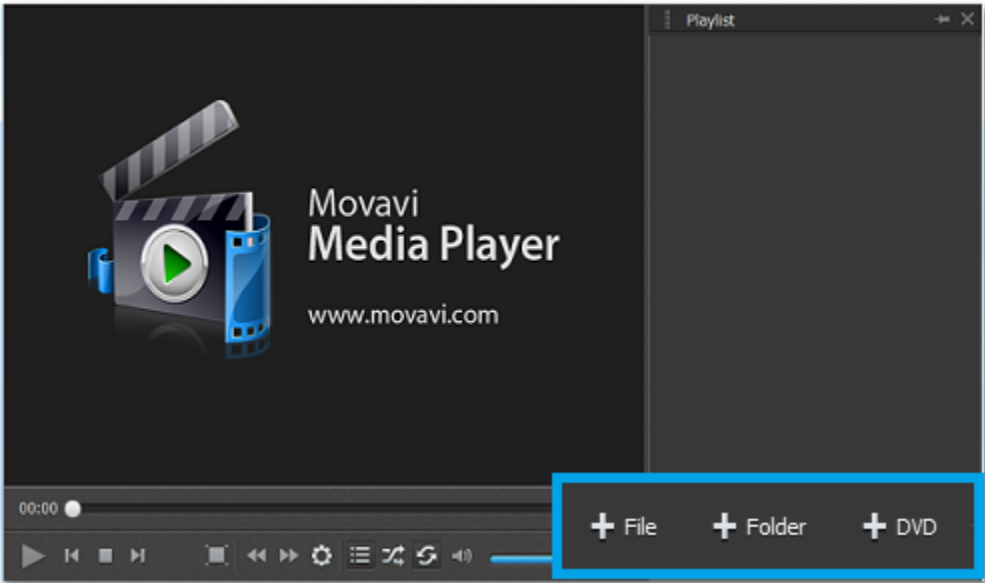
Or click **Audio** on the **Tools**. Then click **Launch** on the **Play music** tab.



Opening files

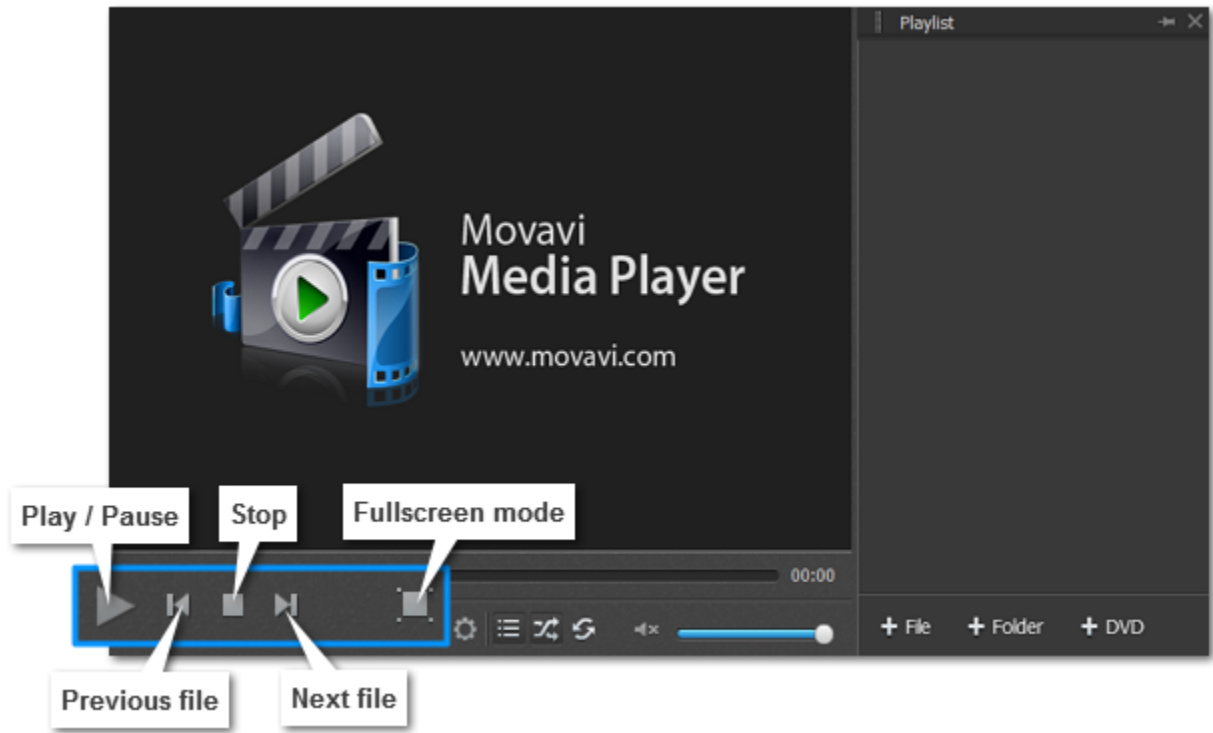
- To open video or audio files, click the buttons in the bottom right, under the playlist.
- + **File** to open individual files
 - + **Folder** to open all the files in a folder
 - + **DVD** to select a disc with videos. You will need to find the *VIDEO_TS* folder on the disc.

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**  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** .

Adjust video

In Movavi Video Suite, you can adjust brightness, contrast, hue and saturation of the video.

Step 1: Open Video Adjustments dialog box

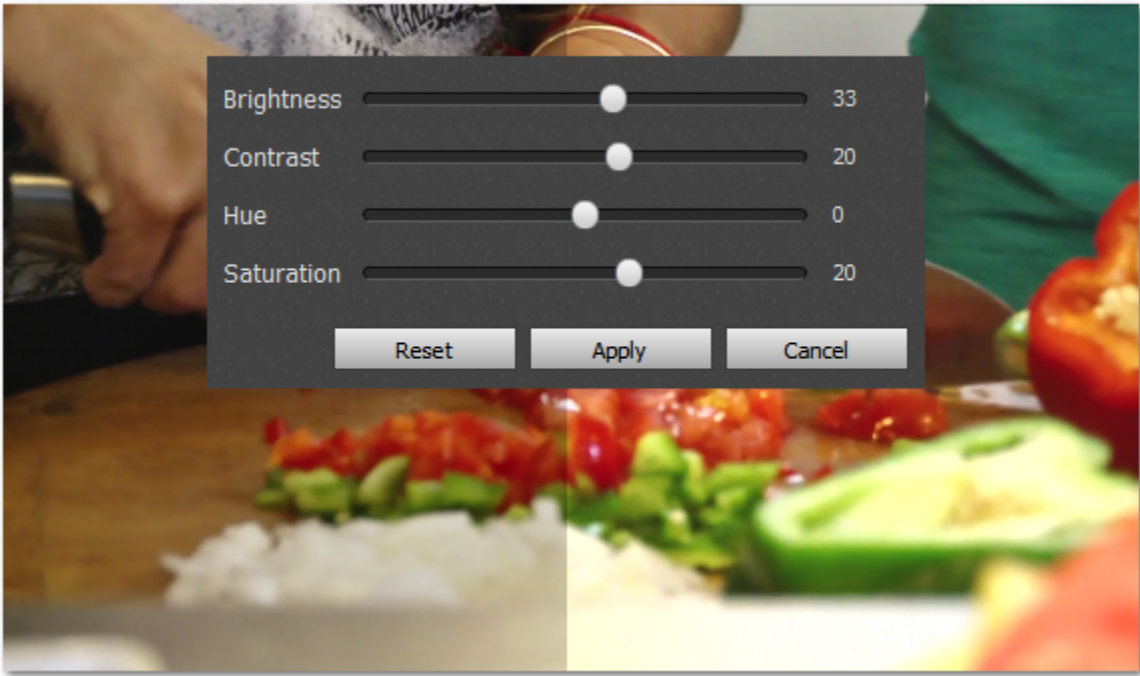
Click the **Adjust video button** on the toolbar.



The Adjust video button

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.

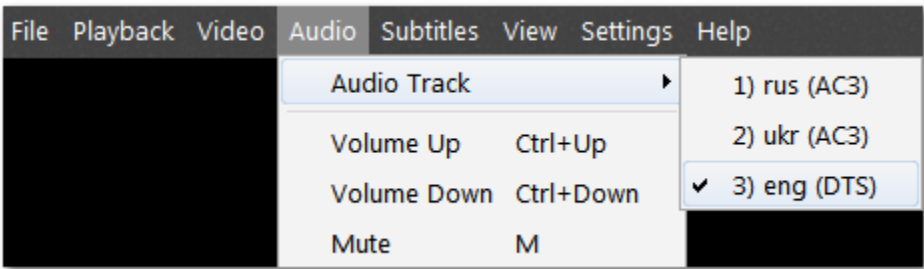


If you are satisfied with the results, click **Apply** to save your settings.

Change audio track

In Movavi Video Suite, when you watch a video with two or more audio tracks, you can easily switch between them.

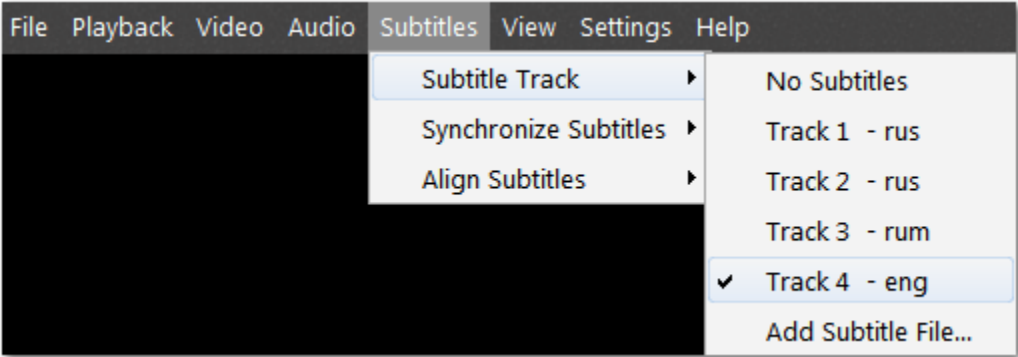
In the menu, click **Audio** and select **Audio Track** in the pop-up menu. A list of available audio tracks will appear. Select the one you need. You will hear it immediately.



Subtitles

Changing subtitles track

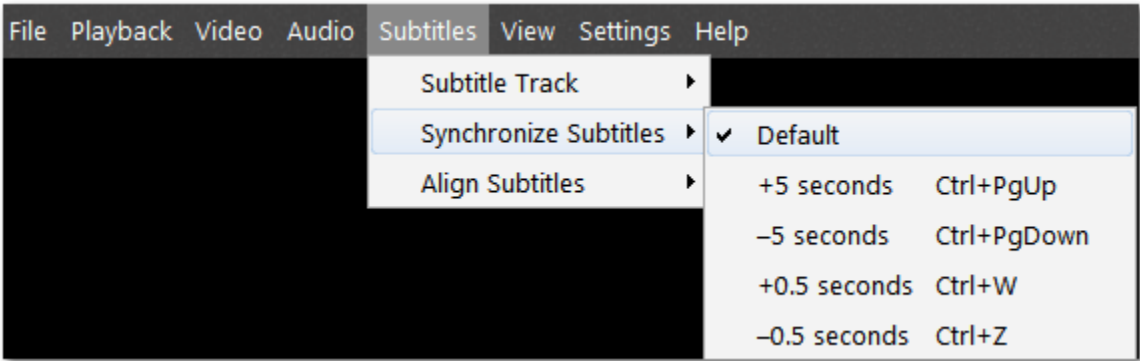
In the menu, click **Subtitles** and select **Subtitle Track** in the pop-up menu. A list of available subtitle tracks will appear. Select the one you need. You will see it on screen immediately.



To load subtitles from a file, select **Add Subtitle File** on the list.

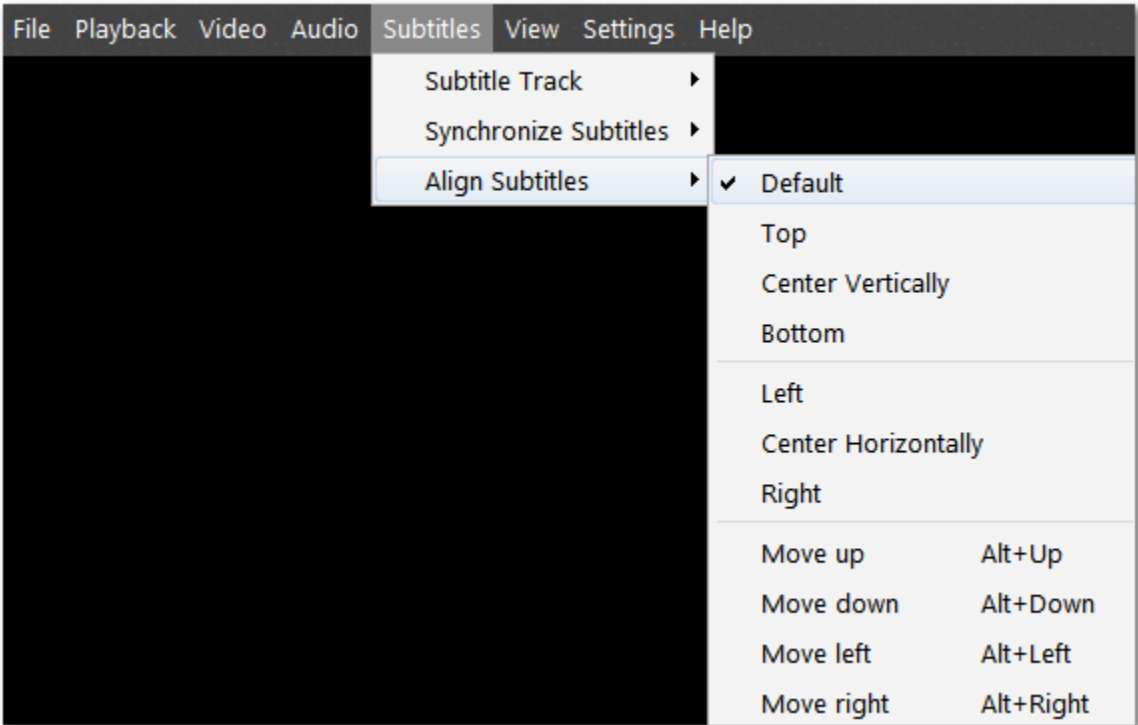
Subtitle timing

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 pop-up 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).



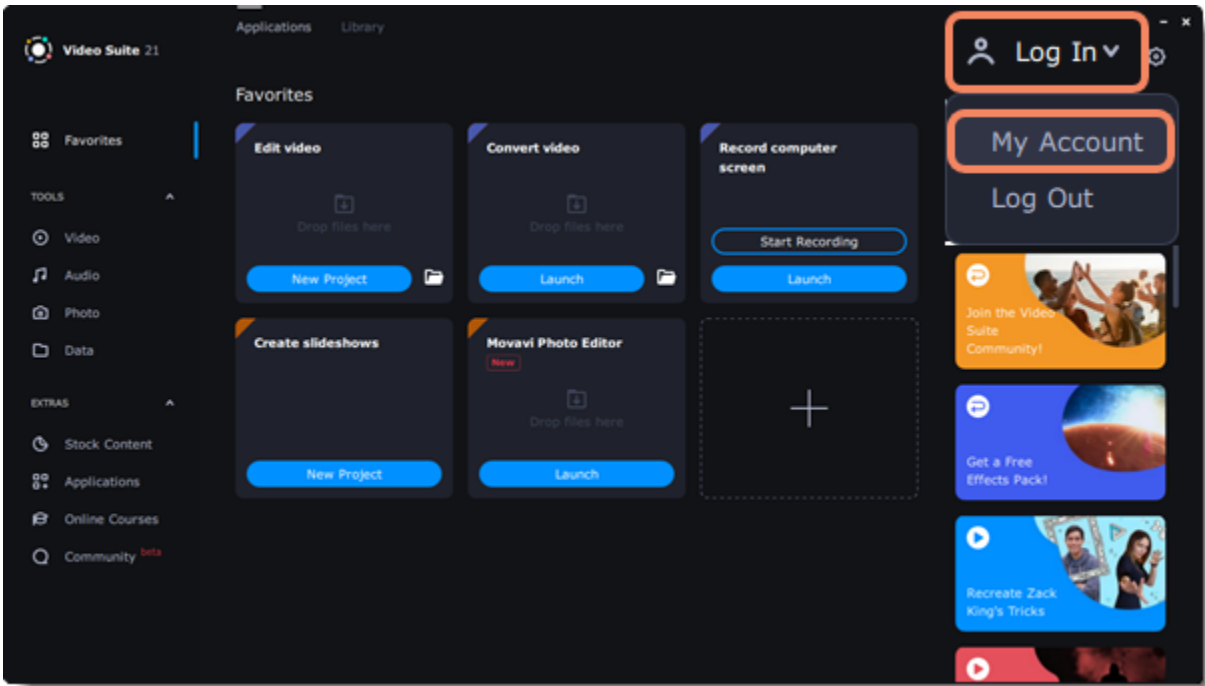
Subtitles positioning

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.

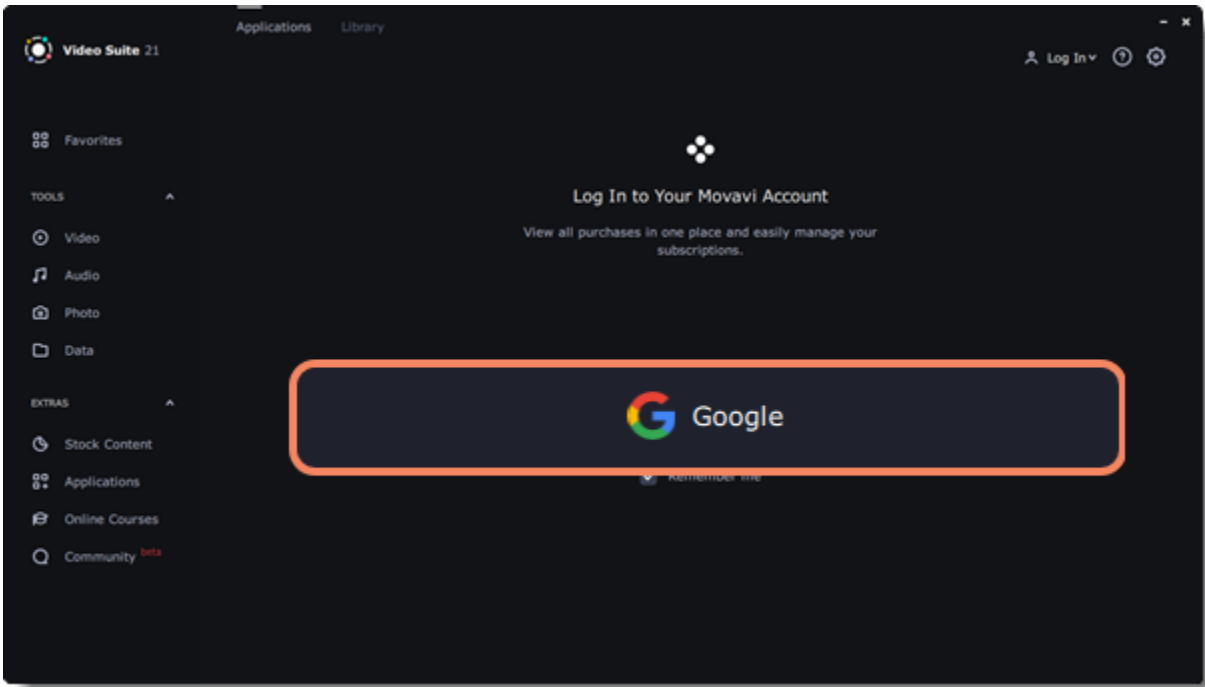


Movavi Account

To log in to your Movavi account, click **Log In** in the top-right corner of the launcher and select **My Account**.



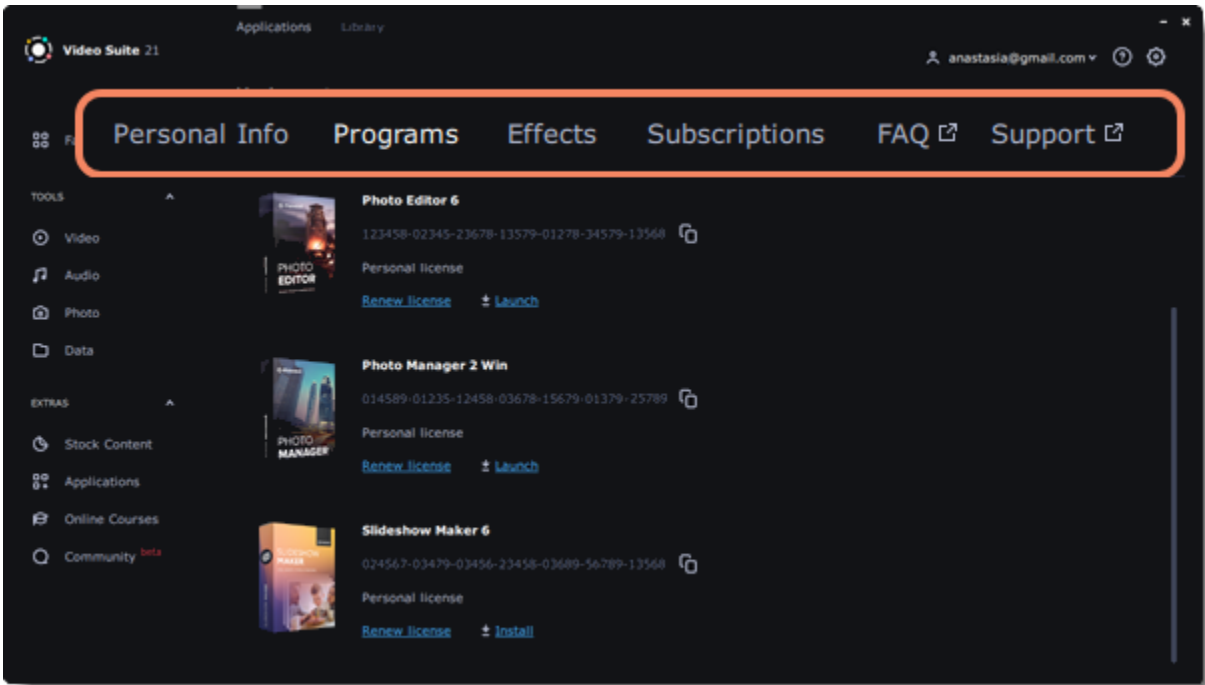
You will be taken to Google website to log in and then redirected back to the program.



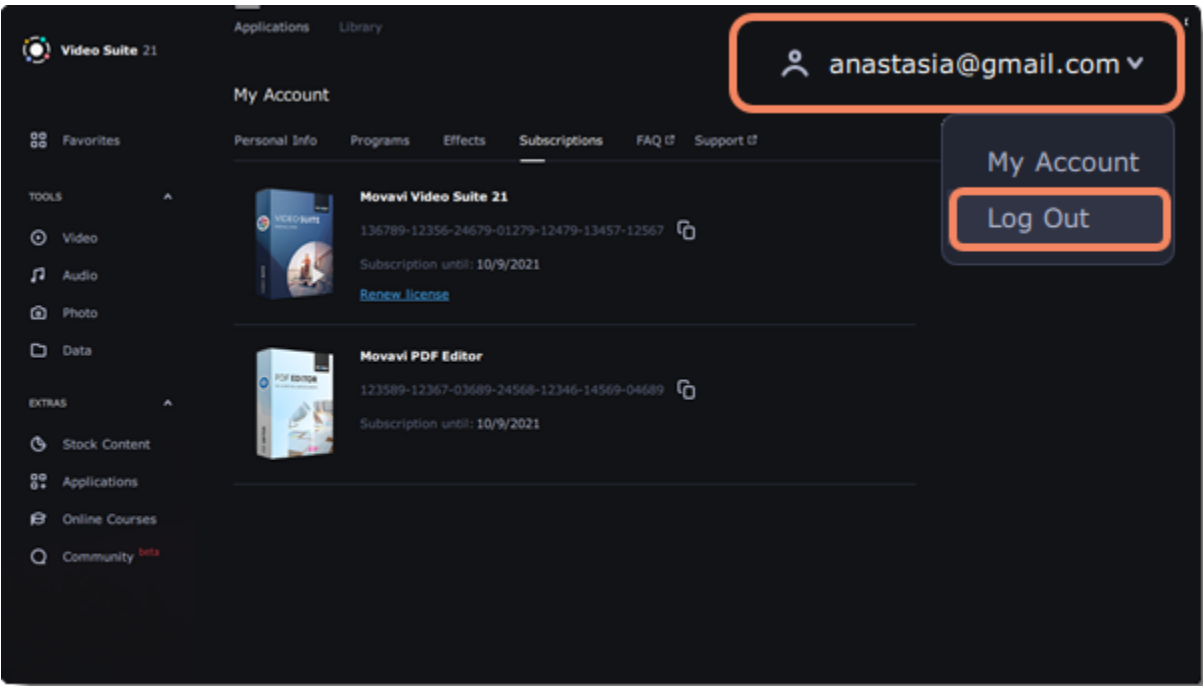
Your account page has the following categories:

- **Personal Info:** view your account info.
- **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 your account, you only see what you bought with the email you logged in with.



To log out from your account, click on your email at the top-right corner of the program and select **Log Out**.



Help and support

If you have any questions, visit the [Movavi Support Center](#).

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?](#)

System requirements

Minimum system requirements	
Operating system	Mac OS X® 10.10.5 or higher
Processor	64-bit Intel® 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
Display	1280 × 768 screen resolution, 32-bit color
RAM	2 GB
Hard drive space	600 MB available hard disk space for installation, 1350 MB for ongoing operations

Movavi Video Suite may also run on slower machines, however, we cannot guarantee stable performance if the minimum requirements are not met.

Unfortunately Apple Silicon M1 chip is not fully supported yet.

Supported formats

Video formats	Input	Output	Supported codecs
3GPP (.3gp), 3GPP2 (.3g2)	✓	✓	H.263, H.264, MPEG-4
ASF (.asf)	✓		MPEG-4, VC-1, WMV V7
AVI (.avi)	✓	✓	H.264, MPEG-4, MJPEG
	✓		DivX, Xvid, DV, Cinepack, Fraps, TechSmith, Uncompressed
DivX Video (.divx)	✓		DivX
DVD	✓	✓	
Flash (.flv, .swf)	✓	✓	FLV1, H.264
	✓		VP6, H.263, Flash Screen Video
		✓	MJPEG
Matroska (.mkv)	✓	✓	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)	✓	✓	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

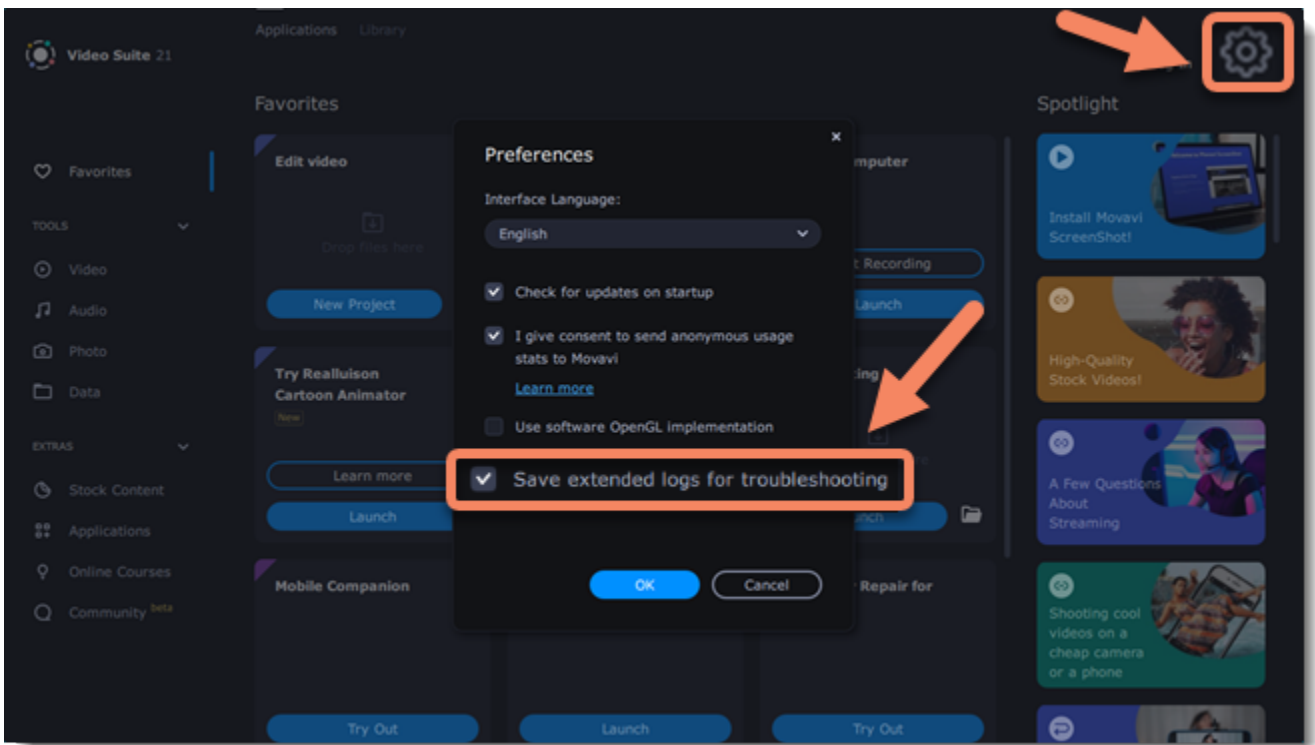
OGV – Ogg Video (.ogv)	✓	✓	Theora
	✓		MPEG-4
QuickTime (.mov)	✓	✓	H.264, MPEG-4, MJPEG
	✓		AIC, ProRes, Sorenson 1/3, PNG
QuickTime (.qt)	✓		H.264, MPEG-4, AIC, MJPEG, ProRes, Sorenson 1/3
RM (.rm, .rmvb)	✓		Real Video 2/3/4, Cooker
WebM (.webm)	✓	✓	VP8, VP9
	✓		VP7
WMV – Windows Media Video (.wmv)	✓	✓	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
Au (.au, .snd)	✓		WAV
FLAC – Free Lossless Audio Codec (.flac)	✓	✓	FLAC
MP3 – MPEG-1/2 Audio Layer III (.mp3)	✓	✓	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
	✓		AAC, MP3
WMA – Windows Media Audio (.wma)	✓	✓	WMA 9
	✓		WMA Pro, WMA Voice
Image formats	Input	Output	
APNG (.apng)	✓		
BMP (.bmp)	✓	✓	
DPX (.dpx)	✓		
GIF (.gif)	✓	✓	
JPEG (.jpg)	✓	✓	
JPEG (.jpeg, .jpg, .jp2, .jls)	✓		
Netpbm formats (.pgm, .pbm, .ppm, .pam)	✓		
PCX (.pcx)	✓		
PNG (.png)	✓	✓	
PTX (.ptx)	✓		
SGI (.sgi)	✓		
TARGA (.tga)	✓		
TIFF (.tiff)	✓	✓	
WebP (.webp)	✓		
XBM (.xbm)	✓		
XWD (.xwd)	✓		

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.

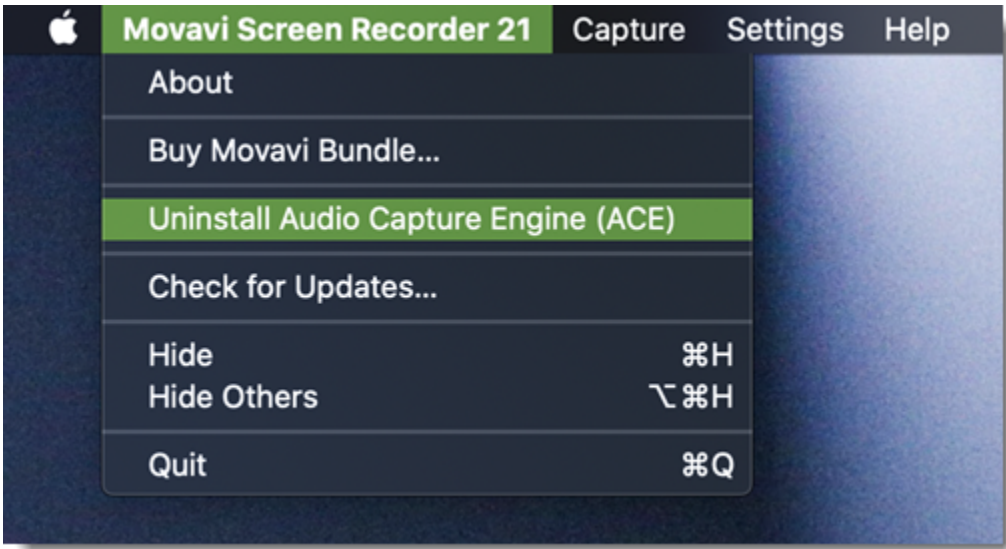


After that, you need to collect logs and send them to us:

1. Click **Go** on the Finder menu bar.
2. Press **⌘** on your keyboard. A hidden option 'Library' will appear on the list.
3. Click **Library**.
4. In the Library, go to **Logs/Movavi**.
5. Find the folder named **VideoSuite21**.
6. Compress this folder and send the archive to [Movavi Support Center](#).

Sound troubleshooting

Movavi Video Suite uses Audio Capture Engine (ACE) for system sound recording on macOS. ACE is installed on your Mac automatically together with the program and is ready for work from the first start. To make sure ACE is installed, open the program menu and find the option **Uninstall Audio Capture Engine (ACE)**.



ACE is installed

Why uninstall ACE?

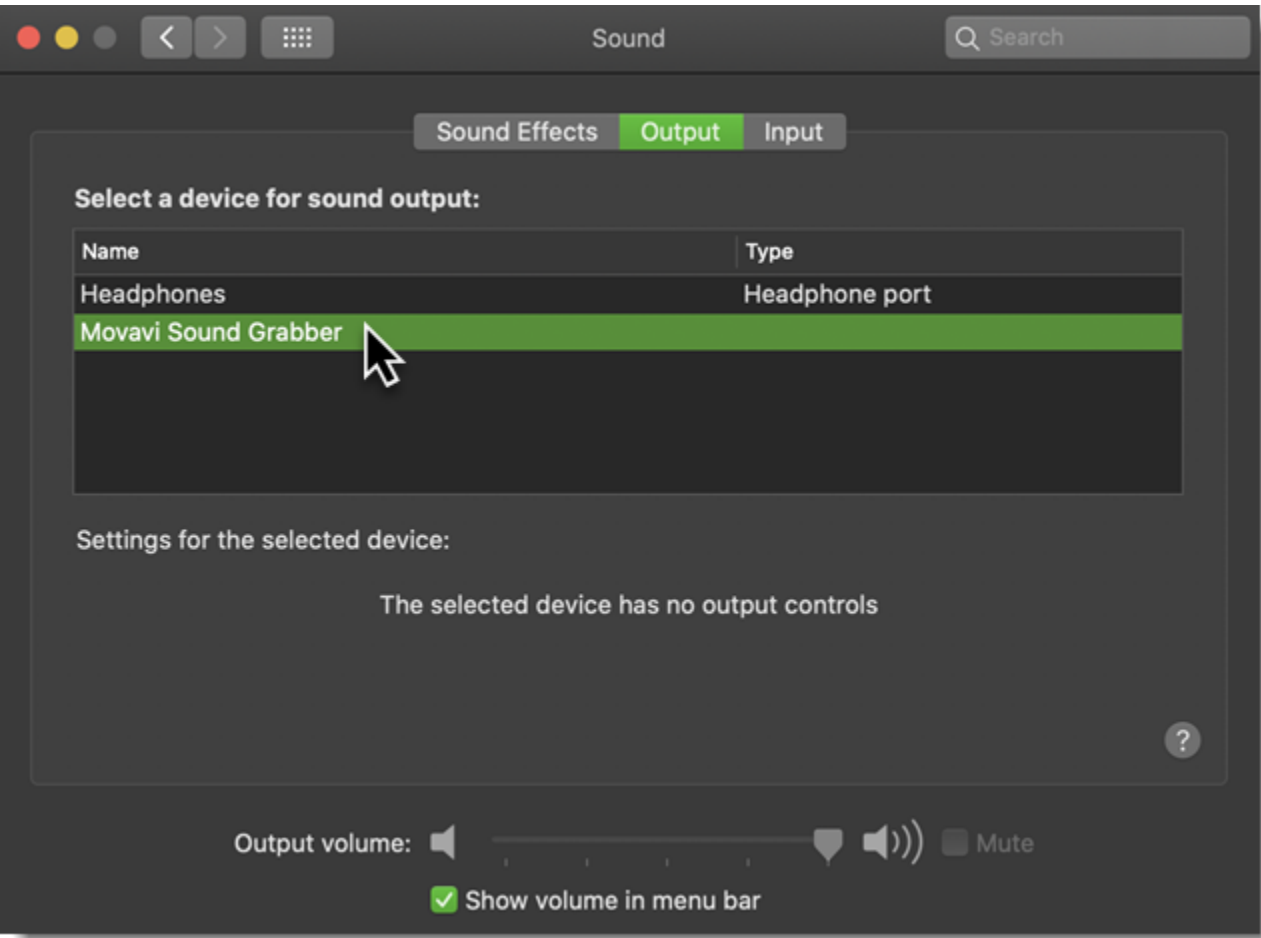
ACE is strongly recommended for system sound recording. However, in case of trouble, you can uninstall ACE and try another sound recording extension – Movavi Sound Grabber.

I don't have ACE installed. Is that bad?

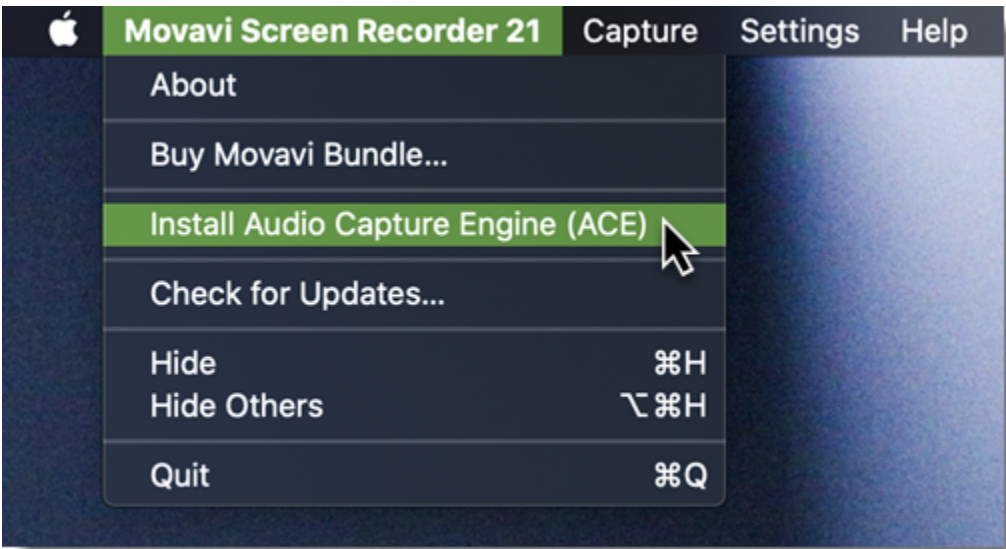
ACE is only installed on 10.12 and higher versions of macOS X®. For macOS X® 10.10 and 10.11, Movavi Sound Grabber is installed on your Mac together with Movavi Video Suite.

I have Movavi Sound Grabber installed, but sound capture doesn't work anyway. What should I do?

- Make sure Movavi Sound Grabber is selected for Output in sound settings. You might not hear the sound during recording as the output isn't your speakers or headphones, but it will be there on your finished video.



- For macOS X® 10.12 and higher: open the program menu and install Audio Capture Engine (ACE).

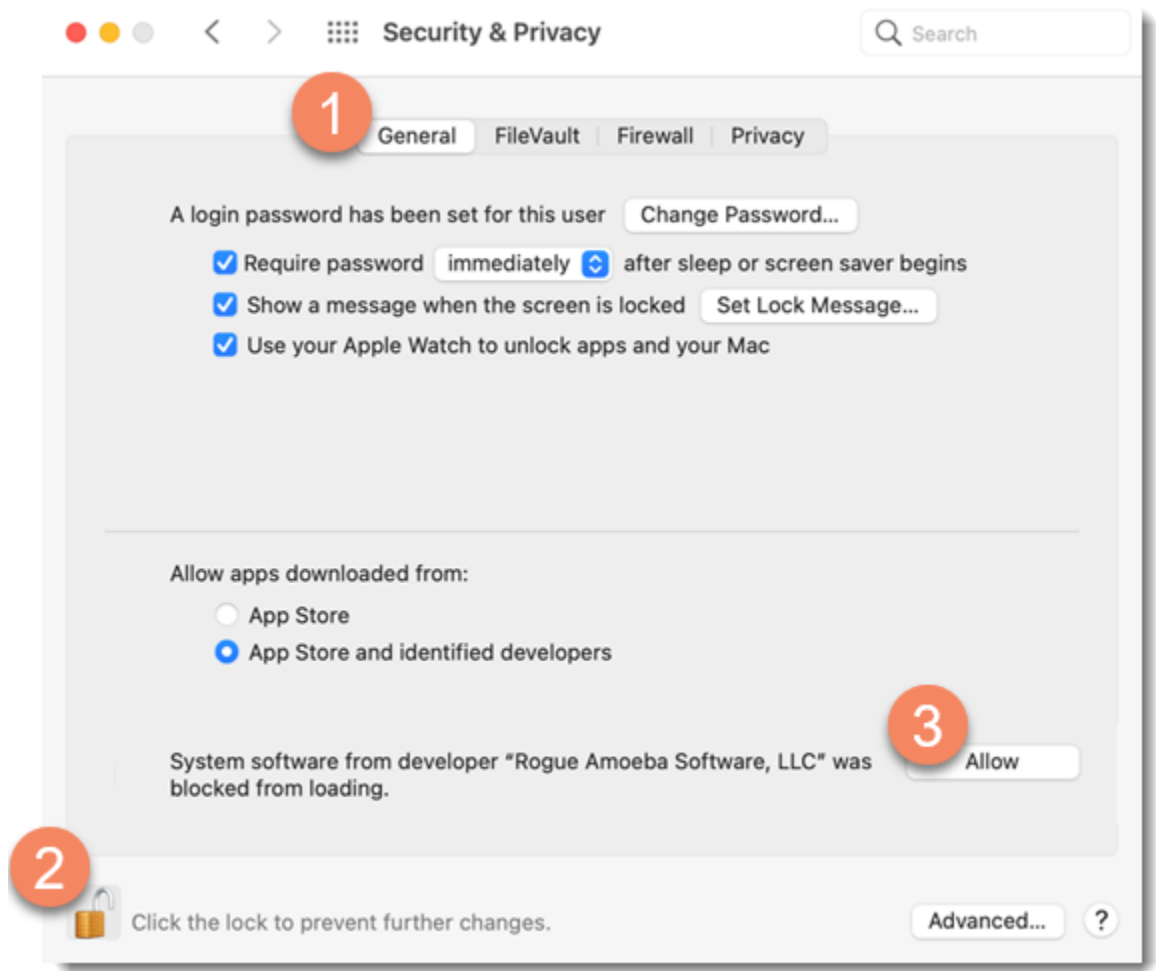


- Try to [uninstall](#) and reinstall Movavi Sound Grabber.

My Mac is running on macOS 11. How do I install ACE?

The installation process is the same; however, you will have to give additional permissions.

1. Go to the **General** tab of the Security & Privacy settings.
2. Click the **lock** to make changes and enter your user password.
3. Click **Allow** to permit ACE to run on your Mac.



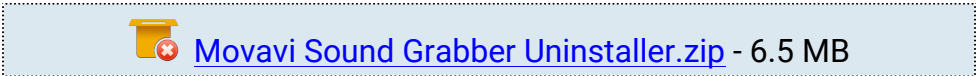
Note that the M1 chip Mac configuration will require some extra steps in the Recovery environment of macOS. You will need to change your system's security policy to allow the usage of system extensions. Please see the detailed step-by-step guide here: [Installing ACE on the M1 chip Mac with MacOS 11 \(Big Sur\)](#)

My problem is still there, who do I talk to?
Visit the [Movavi Support Center](#) and we will do our best to help you.

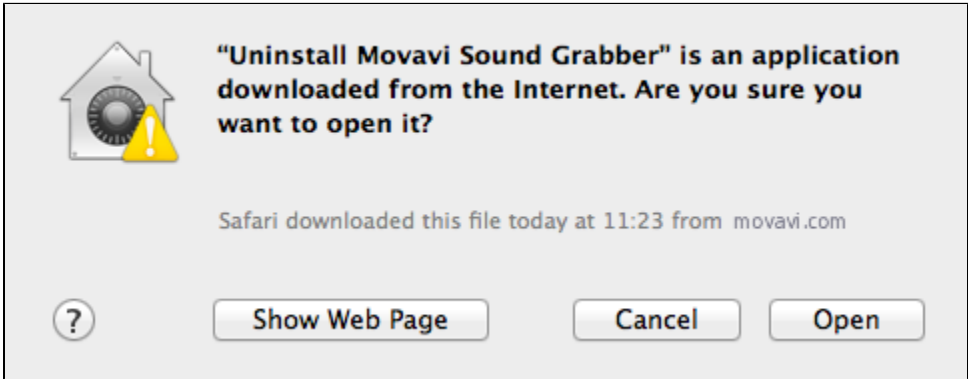
Uninstalling Movavi Sound Grabber

Since Movavi Sound Grabber is a virtual device and does not show up under Applications in Finder, you need to use an Uninstall file to remove Sound Grabber from your system.

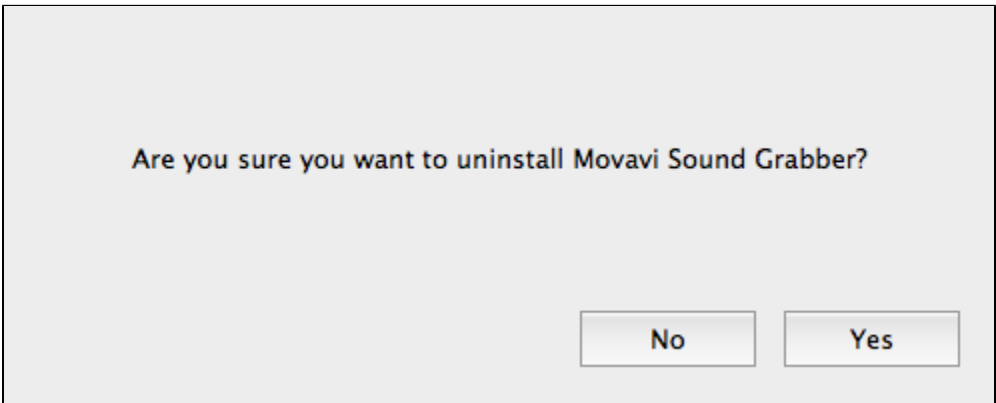
1. Launch **Movavi Sound Grabber Uninstaller** in your **Applications** list, or click the link below to download the uninstaller.



2. Make sure that Movavi Screen Recorder is closed and launch the downloaded file. If you see a security warning, click **Open**.



3. You will see the following confirmation dialogue. Click **Yes** to continue and enter your user password to confirm uninstallation of Movavi Sound Grabber.

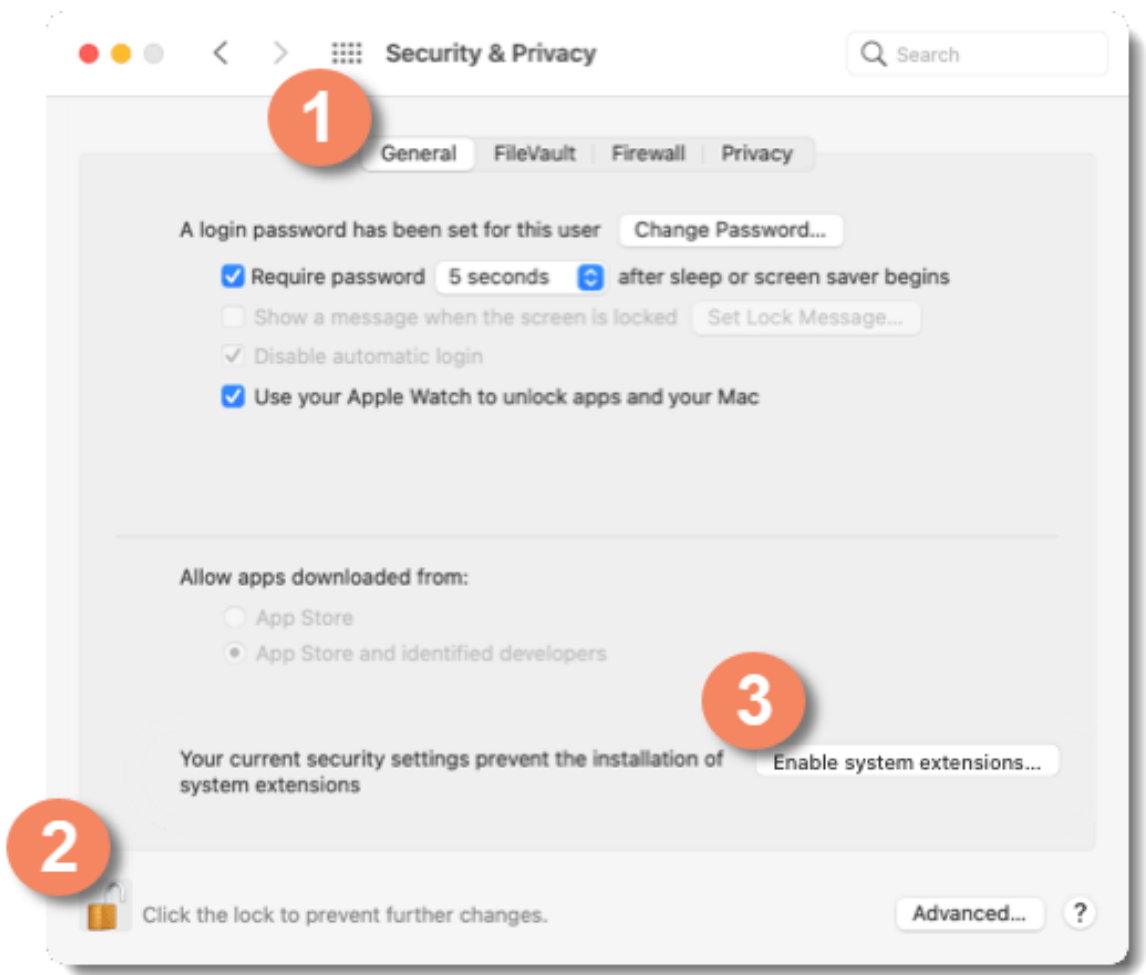


Movavi Sound Grabber will then be removed from your system. If you need to re-install Movavi Sound Grabber for capturing system sounds, please see the [Installing Movavi Sound Grabber](#) section.

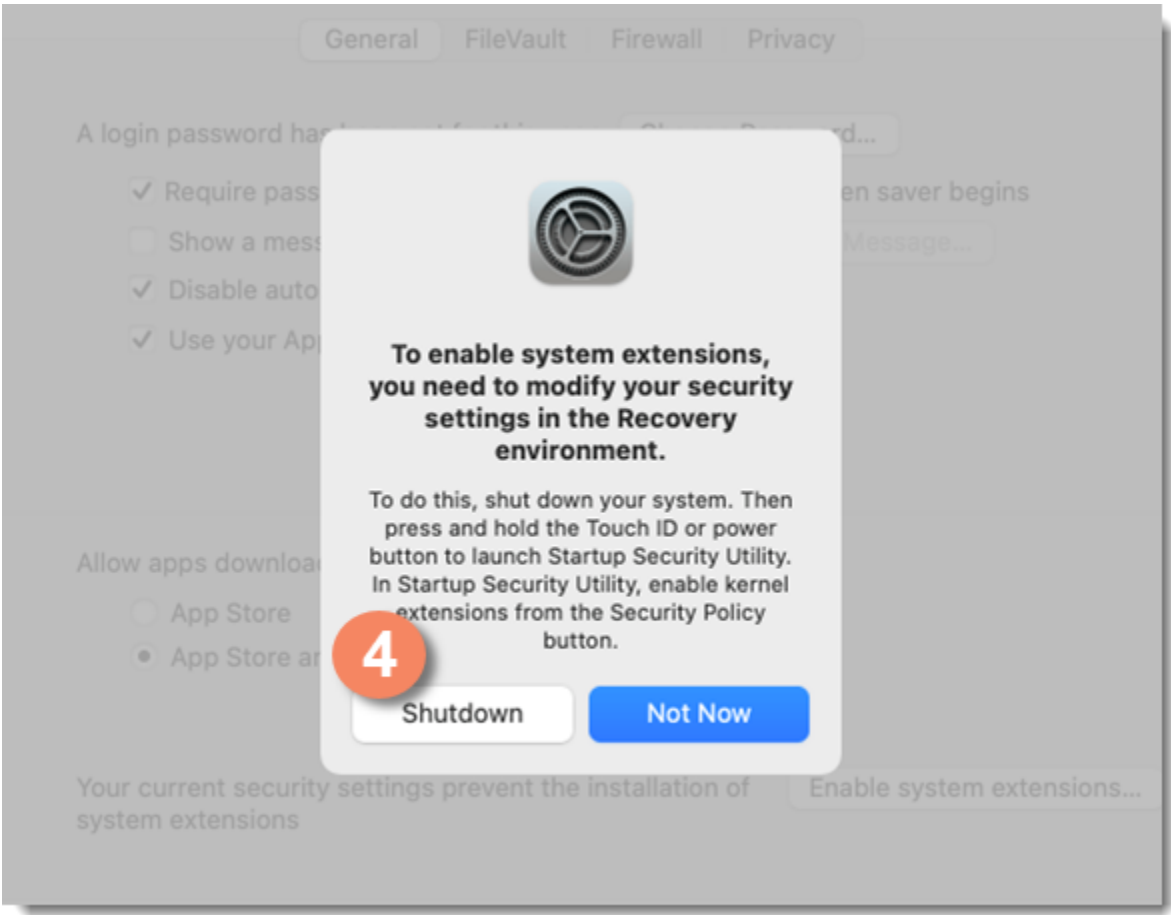
Installing ACE on the M1 chip Mac with MacOS 11 (Big Sur)

On this page, we detail the full, step-by-step sequence needed to install ACE. This is a one-time process, and you'll be up and running in just a few minutes.

- 1. Go to the **General** tab of the Security & Privacy settings.
- 2. Click the **lock** to make changes and enter your user password.
- 3. Click the **Enable system extensions...** button to proceed.



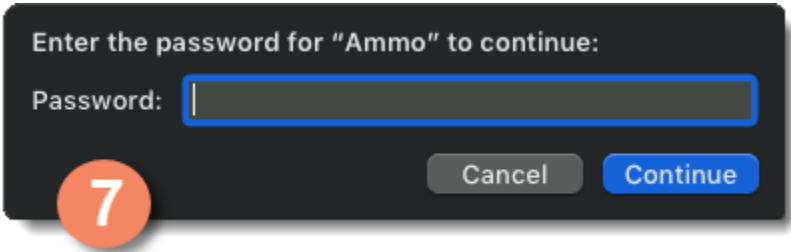
- 4. This dialog explains how to access the Mac's “Recovery” environment. Click **Shutdown**.



- 5. To boot to the Mac's “Recovery” environment, press and hold the **Touch ID** or **power** button on your Mac. When the screen says “**Loading startup options...**”, you can let go.
- 6. Select a user with administrator privileges, then click **Next**.




7. Enter your login password, then click **Continue**.



8. The **Startup Security Utility** should now load automatically. It can also be accessed from the **Utilities** menu. Click your main system drive to highlight it, then click the **Security Policy...** button. This will enable you to adjust the security policy so system extensions like ACE can run.

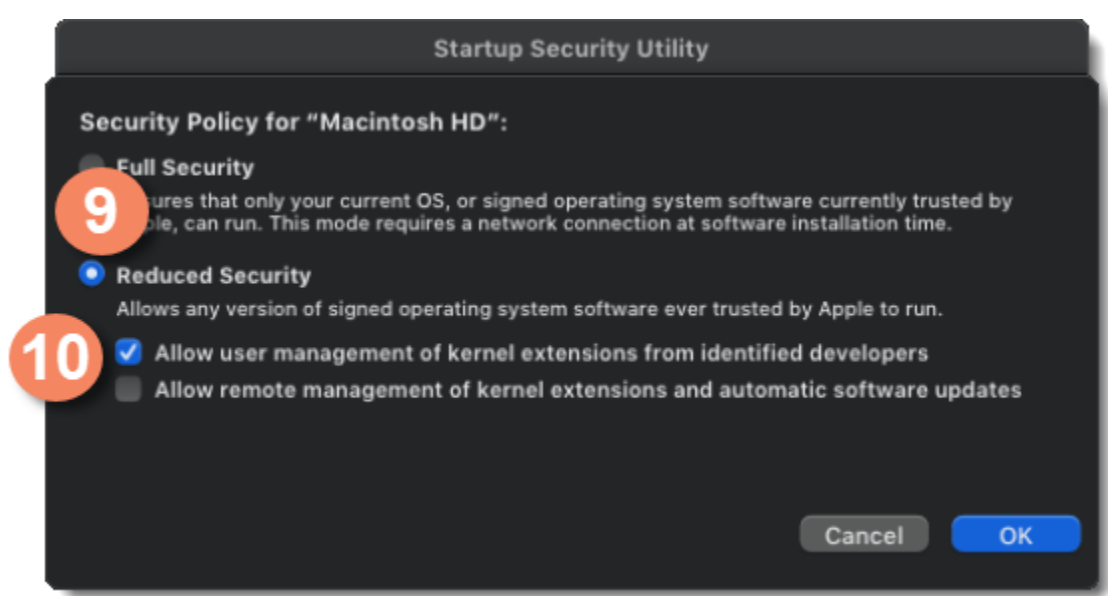


9. Switch to **Reduced Security**.

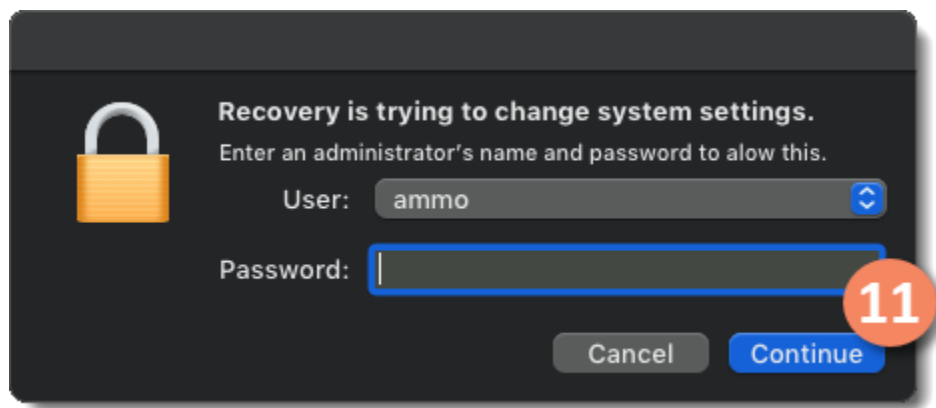
 The “Reduced Security” setting still provides your Mac with powerful security, only allowing operating systems approved by Apple to run.

10. Enable the first checkbox, “**Allow user management of kernel extensions from identified developers**” and click the OK button.


 Despite the name of this setting, ACE is not a kernel extension. Instead, it's a standard audio plug-in, which receives enhanced privileges to access your system's audio. MacOS 11 simply uses the kernel extension verification system to allow ACE to load as well.

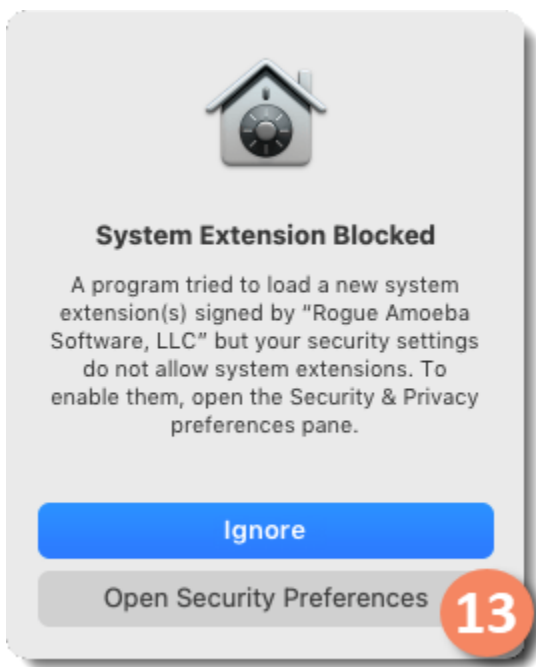


11. Enter your password, then click the OK button. The new security policy will then be applied. When it's finished, the window will close.

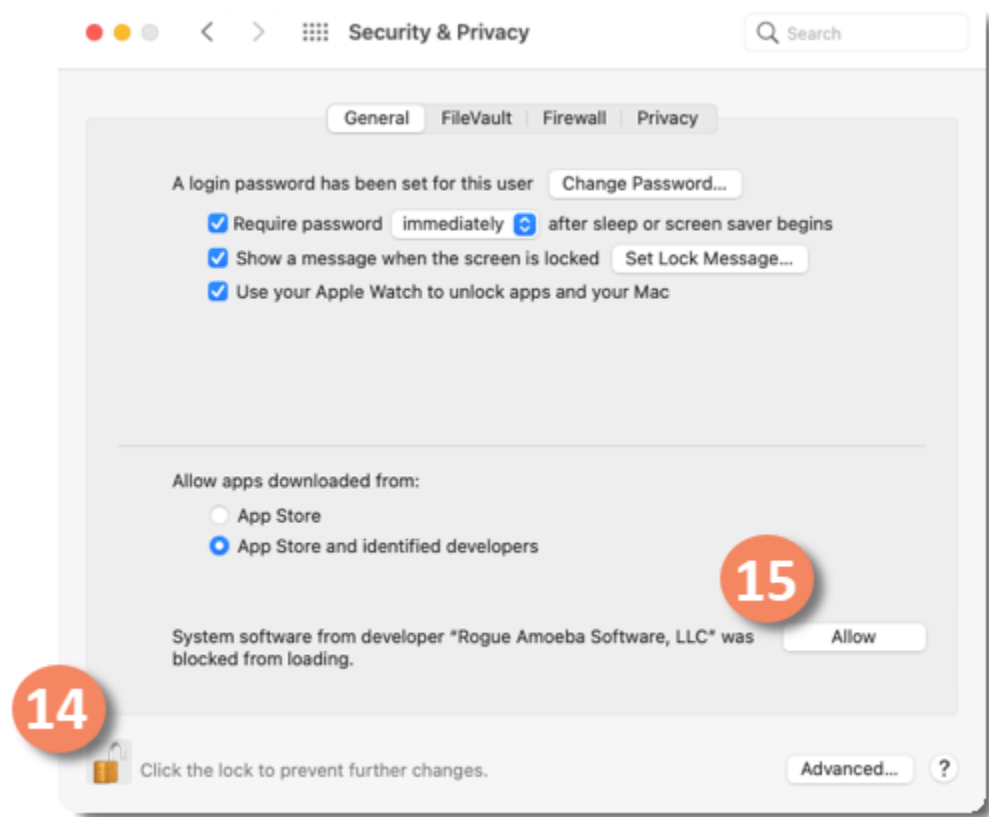


12. You can now click the **Apple (#) menu** in the upper left. Select **Restart**, then log back into your account as normal.
13. You'll now see a message from the system, stating that ACE has been blocked from running. Click the **Open Security Preferences** button to proceed.

 If you accidentally clicked Ignore, select **System Preferences** from the **Apple (#) menu** in the upper left. Click **Security & Privacy**, then the **General** tab.



14. Click the **lock** to make changes.
15. Click the **Allow** button to permit ACE to run on your Mac.



16. You're at the final step. Click **Restart**. When you log back in to your Mac, the application will be ready to go. Good work!

