

Manual  
**Nero MediaHub**

## Copyright and Trademark Information

This document, like the software described therein, is provided as a license and may only be used or reproduced in accordance with the licensing agreement. The contents of this document, as well as the associated software, is subject to change without prior notice. Nero AG rejects any responsibility for the correctness of the contents of this document and rejects any claims that transcend the clauses of the guarantee agreement.

This document and all of its contents are protected by copyright and are the property of Nero AG. All rights reserved. In addition, this document contains material that is protected by internationally valid copyright. This document may not be reproduced, transmitted, or transcribed in whole or in part without the express written permission of Nero AG.

Please keep in mind that existing graphics, pictures, videos, music titles or other materials that you may wish to insert or transcribe into projects may be protected by copyright. The unauthorized use of this type of material in your projects may violate the rights of the owner of the copyright. Make sure that you obtain all necessary authorizations from the owner of the copyright.

Unless you own the copyright, have permission from the copyright owner or your actions fall under the "fair use" provisions of copyright law, you may be violating national or international copyright laws. The transcribing, duplication, modification or publication of copyright-protected material may lead to claims for damages and the enforcement of other legal measures against you. If you are unsure of your rights, you should contact your legal advisor.

Some Nero Multimedia Suite applications require technologies developed by third-party manufacturers, some of which are contained in the Nero Multimedia Suite as demo versions. These applications can be activated online free of charge or by sending an activation fax to have unlimited use of the version. Nero will only transmit the data necessary for activation of the technology licensed from third parties. For unlimited use of Nero Multimedia Suite, it is therefore necessary to have an Internet connection or a fax machine.

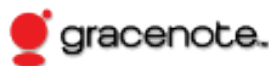
Copyright © 2010 Nero AG and its licensors. All rights reserved.

Nero, Nero BackItUp, Nero BackItUp & Burn, Nero Burning ROM, Nero Digital, Nero DMA Manager, Nero Essentials, Nero Express, Nero ImageDrive, Nero LiquidTV, Nero MediaHome, Nero MediaHub, Nero MediaStreaming, Nero Move it, Nero Music2Go, Nero PhotoDesigner, Nero PhotoSnap, Nero Recode, Nero RescueAgent, Nero Simply Enjoy, Nero SmartDetect, Nero SmoothPlay, Nero StartSmart, Nero Surround, Nero Vision, Nero Vision Xtra, Burn-At-Once, InCD, LayerMagic, Liquid Media, the SecurDisc logo, and UltraBuffer are common law trademarks or registered trademarks of Nero AG.

Nero MediaHub versions with 2.0-channel DTS® decoding:



Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. Copyright 1998-2009 Dolby Laboratories. All rights reserved.



Gracenote® is either a registered trademark or a trademark of Gracenote, Inc. in the United States and/or other countries. The Gracenote logo and logotype, and the "Powered by Gracenote" logo are trademarks of Gracenote.


Adobe, Acrobat, Acrobat Reader and Premiere are trademarks or registered trademarks of Adobe Systems, Incorporated. AMD Athlon, AMD Opteron, AMD Sempron, AMD Turion, ATI Catalyst and ATI Radeon are trademarks or registered trademarks of Advanced Micro Devices, Inc. ATSC is a trademark of the Advanced Television Committee. ICQ is a registered trademark of AOL, LLC. Apple, Apple TV, iTunes, iTunes Store, iPad, iPod, iPod touch, iPhone, iPhoto, FireWire, and Mac are trademarks or registered trademarks of Apple, Inc. ARM is a registered trademark of ARM, Ltd. AudibleReady is a registered trademark of Audible, Inc. BenQ is a trademark of the BenQ Corporation. Blu-ray Disc is a trademark of Blu-ray Disc Association. CyberLink is a registered trademark of CyberLink Corp. DLNA is a registered trademark of Digital Living Network Alliance. DivX and DivX Certified are registered trademarks of DivX, Inc. Dolby, Pro Logic and the double-D symbol are trademarks or registered trademarks of Dolby Laboratories, Inc. DTS and DTS Digital Surround are registered trademarks of DTS, Inc. DVB is a registered trademark of the DVB Project. Freescale is a trademark of Freescale Semiconductor, Inc. Google and YouTube are trademarks of Google, Inc. WinTV is a registered trademark of Hauppauge Computer Works, Inc. Intel, Intel XScale, Pentium and Core are trademarks or registered trademarks of Intel Corporation. Linux is a registered trademark of Linus Torvalds. Memorex is a registered trademark of Memorex Products, Inc. ActiveX, ActiveSync, DirectX, DirectShow, Internet Explorer, Microsoft, HDI, MSN, Outlook, Windows, Windows Mobile, Windows NT, Windows Server, Windows Vista, Windows Media, Xbox, Xbox 360, Silverlight and the Silverlight logo, the Windows Vista start button and the Windows logo are trademarks or registered trademarks of Microsoft Corporation. My Space is a trademark of MySpace, Inc. NVIDIA, GeForce and ForceWare are trademarks or registered trademarks of NVIDIA Corporation. Nokia is a registered trademark of Nokia Corporation. CompactFlash is a registered trademark of SanDisk Corporation. Sony, Memory Stick, PlayStation, PLAYSTATION and PSP are trademarks or registered trademarks of Sony Corporation. HDV is a trademark of Sony Corporation and Victor Company of Japan, Limited (JVC). UPnP is a registered trademark of the UPnP Implementers Corporation. LabelFlash is a registered trademark of Yamaha Corporation.

The trademarks mentioned here are named for information purposes only. All trade names and trademarks are the property of their respective owners.

Nero AG, Im Stoeckmaedle 18, D-76307 Karlsbad, Germany

## Table of contents

1	Start Successfully	5
1.1	About the Manual	5
1.2	About the Application	5
1.3	Versions of Nero MediaHub	5
1.4	Starting the Program	6
1.5	Working with Nero MediaHub	7
2	User Interface	9
2.1	Main Window	9
2.1.1	Library Management and Options	12
2.2	Music Browsing Screen	14
2.3	Photo Browsing Screen	19
2.3.1	Photo Editing	22
2.3.2	Control Bar	26
2.4	Video Browsing Screen	27
2.4.1	Video Playback Screen	31
2.4.2	Control Bar	33
2.5	Slide Show Screen	35
2.5.1	Personalize Slide Show Window	37
2.6	Blu-ray Playback	38
2.7	Audio CD Browsing and Playback	41
2.8	Devices	42
2.8.1	Nero Move it Plug-in	44
2.8.2	Apple Device	45
2.9	Publish Screen	45
3	Browsing and Playback	48
3.1	Starting Music Playback (Library or Playlist)	48
3.2	Starting Audio CD Playback	48
3.3	Starting Video Playback (Library)	49
3.4	Starting Blu-Ray Disc Playback	49
4	Creating and Editing	51
4.1	Creating a Playlist	51
4.2	Creating a Slide Show	52
4.3	Personalize Your Slide Show	53
4.4	General Editing of Photos	54
4.5	Removing Red Eyes	55
4.6	Adding Effects to Photos	55
4.7	Cropping a Photo	56
5	Importing from Discs and Devices	58







5.1	Importing from Device	58
5.2	Setting Up Device with Nero Move it Plug-in	59
5.3	Ripping from Audio CD	60
6	Publishing	61
6.1	Burning to Disc	61
6.2	Uploading to Community	61
7	Technical Information	63
7.1	System Requirements	63
7.2	Supported Formats and Codecs	63
7.2.1	Audio Formats and Codecs	63
7.2.2	Video Formats and Codecs	63
7.2.3	Image Formats	64
7.3	Keyboard Shortcuts	64
<b>8</b>	<b>Index</b>	<b>69</b>
9	Contact	71

# 1 Start Successfully

## 1.1 About the Manual

This manual is intended for all users who want to learn how to use Nero MediaHub. It is process-based and explains how to achieve a specific objective on a step-by-step basis.

To make best use of this documentation, please note the following conventions:

	Indicates warnings, preconditions or instructions that have to be precisely followed.
	Indicates additional information or advice.
<b>1. Start ...</b>	The number at the beginning of a line indicates a prompt for action. Carry out these actions in the order specified.
	Indicates an intermediate result.
	Indicates a result.
<b>OK</b>	Indicates text passages or buttons that appear in the program interface. They are shown in boldface.
<b>(see...)</b>	Indicates references to other chapters. They are executed as links and are shown in red and underlined.
<b>[...]</b>	Indicates keyboard shortcuts for entering commands.

## 1.2 About the Application

Nero MediaHub lets you conveniently play back your music files, plus manage and create playlists. It lets you easily create cinema-style videos and photo slide shows with integrated movie themes, plus conveniently manage your multimedia projects. You can play back your photos and videos right on your PC with all the convenience of a built-in DVD player.

## 1.3 Versions of Nero MediaHub

Nero MediaHub is available in a Nero MediaHub full version and different Nero MediaHub Essentials versions.

The Nero MediaHub full version is included in Nero Vision Xtra, Nero Video Premium HD, in Nero Multimedia Suite and in Nero Multimedia Suite Platinum HD.

The following plug-ins and add-ons are additionally part of Nero Multimedia Suite Platinum HD:

- Nero Blu-ray Disc Playback Plug-in.
- Nero Move it Plug-in.
- The **Nero Movie ThemePack 3** and **4** including newly designed high quality movie themes (seasonal, Kids & Family, Home Cinema, Romantic).

Essentials or OEM software may differ from the full version in a more or less broad functional range. Thereby, the feature limitations of your single essentials version compared to the full range depends on the co-contractor's choice.

Nero MediaHub Essentials version 1 does not offer the following features:


- The number of supported video and audio codecs is limited.
- Library based video browsing and playback are not available.
- Audio CD, DVD Video and AVCHD playback and ripping are not supported.
- Adding videos to slide shows is not possible.
- The number of slide show templates is limited.
- Moving slide shows to Nero Vision for advanced editing is not possible.
- Exporting slide shows as HD video is not possible.
- Uploading files to communities is only available for photos.
- Burning Audio CDs, DVD Videos, BDs and AVCHDs is not available.

Nero MediaHub Essentials version 2 and 3 do not offer the following features:

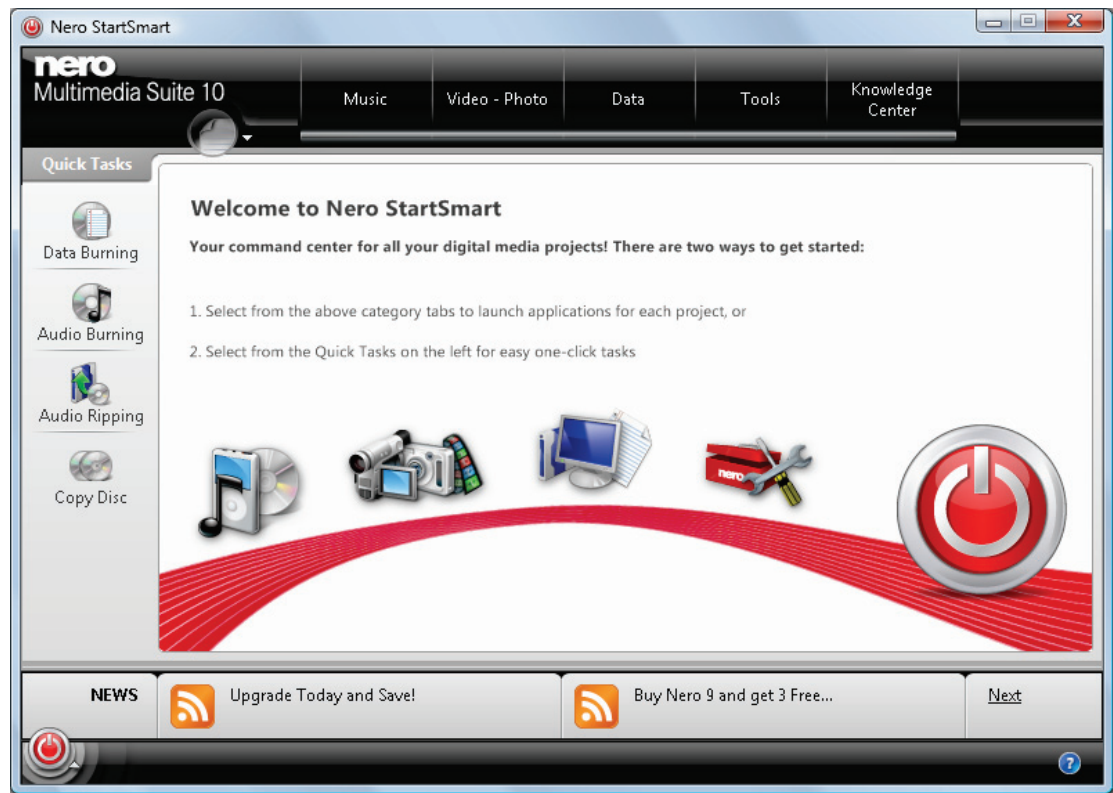
- The number of supported video and audio codecs is limited.
- Burning is limited to DVDs.
- AVCHD playback is not supported.

## 1.4 Starting the Program

To start Nero MediaHub, proceed as follows:

1. If you use Nero Multimedia Suite Platinum HD or Nero Multimedia Suite and have Nero StartSmart available:
  1. Click the Nero StartSmart desktop icon.
    - The Nero StartSmart window is opened.
  2. Click the  button.
    - The list of Nero applications is displayed.
  3. Select the Nero MediaHub entry in the selection list.
    - The Nero MediaHub window is opened.







Nero StartSmart window

**2.** If you use Nero Vision Xtra or Nero Video Premium HD:

1. Click the Nero MediaHub desktop icon.
- The Nero MediaHub window is opened.
- You have started Nero MediaHub.

## 1.5 Working with Nero MediaHub




At the first application start, Nero MediaHub welcomes you in the main window that is the starting point for using Nero MediaHub. It provides access to the three major media libraries, locally attached devices as well as playlist and slide shows you are creating in Nero MediaHub. The photo browsing screen is displayed on the first startup.

To start working with Nero MediaHub, you have to show the application where your media files are by clicking the  button in the upper task bar of the main window. You will not be able to use your media files in the application unless you added the respective folders to the Nero MediaHub library. You can indeed fill and manage the media libraries in the **Options** window any time later by clicking the  button again. You can also just drag and drop files or folders to Nero MediaHub. A window will automatically open and ask if you would like to add the folder to the library.

In addition, files can be imported into your media libraries from mobile devices connected to your computer. It is also possible to rip single tracks or a whole album from Audio CD. All media files that are imported to the Nero MediaHub library will be copied to the folders that you selected in the **Options** window.

Publishing of your content (e.g. a file selection, edited photos or a personalized slide show) is possible out of any browsing and editing screen. You can burn files to a disc or publish media to the Internet. In addition, you can attach items to new e-mails to send them per your default e-mail application.

**See also**

-  [Main Window → 9](#)
-  [Library Management and Options → 12](#)
-  [Publish Screen → 45](#)

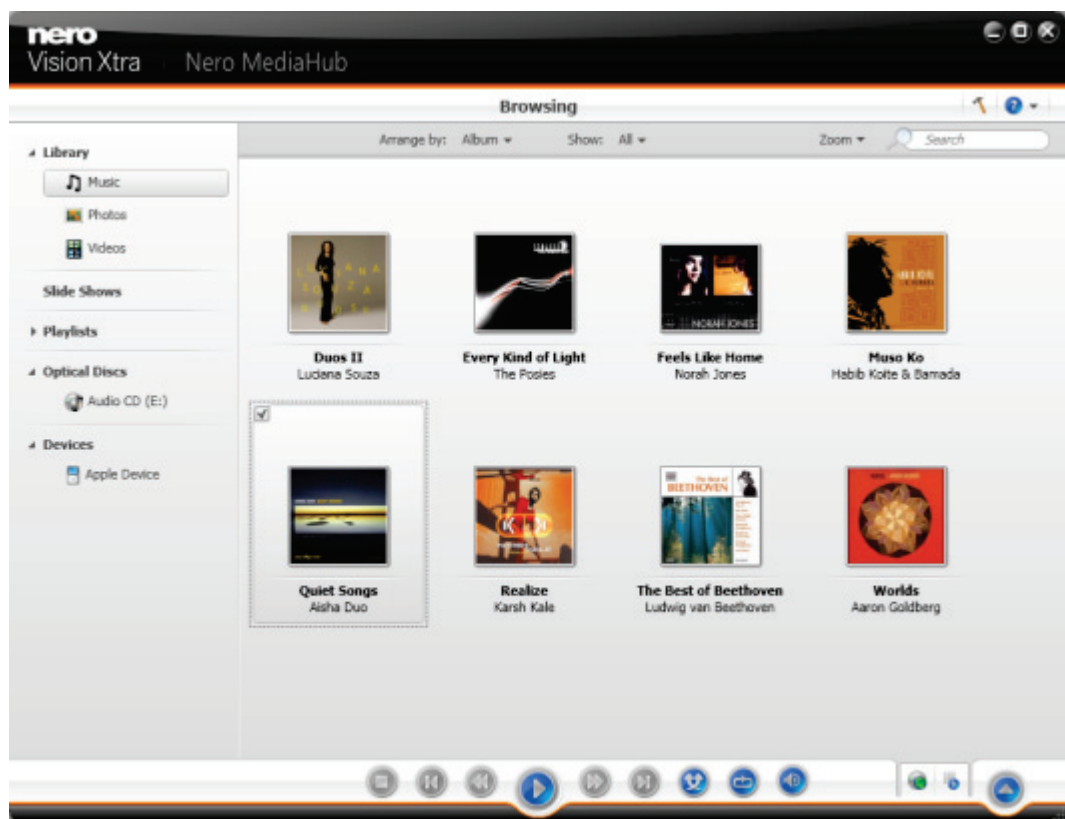


## 2 User Interface

### 2.1 Main Window




The main window is the starting point for using Nero MediaHub. A navigation tree is shown in the left area of the window. When one of the entries is clicked, the corresponding screen is displayed on the right. In addition, the entries of the lower task bar are adapted to the respective screen.

The application is started with one of the browsing screens displayed. It is opened in the stack view of the library group that you used the last time Nero MediaHub was started. The stacks are the entry points into the detailed browsing view.



Main window

Additionally, the following overall setting options are available on the upper task bar:

Button 	Returns to the previous screen.  This button is available on any editing and playback screen. An import button is available on all file management screens such as the detailed photo browsing view.
Button 	Opens the <b>Options</b> window where you can show Nero MediaHub where your media files are located on your PC. Sub-folders will be automatically included.  If you want to add personal media folders, click the <b>Add</b> button and select the desired folder from the navigation tree. The library is refreshed when Nero MediaHub is re-launched.
Drop-down menu 	Opens the help file.

The following entries are available in the navigation tree:

<b>Library</b>	<p>Lists the Nero MediaHub media libraries. Three default folders for music, photos and videos are available from the start.</p> <p>If you want to add personal media folders, click the <b>Add</b> button in the <b>Options</b> window and select the desired folder from the navigation tree. The library is refreshed when launching Nero MediaHub.</p> <p>If media content is not available any more (e.g. if files were deleted from your PC), Nero MediaHub offers to remove the listing from the library.</p> <p>You can also just drag and drop files or folders to Nero MediaHub. A window will automatically open and ask if you would like to add the folder to the library.</p>
<b>Slide Shows</b>	<p>Lists existing slide shows. If you double-click one of your existing slide show compilations, it is opened in the slide show editing screen.</p> <p>If you want to create additional slide shows, click the <b>Create a slide show with photos and movies</b> button that is displayed at the right hand side of the <b>Slide Shows</b> entry when you hover over it with your mouse pointer. A window is opened where you can enter a name for the new slide show.</p>





<b>Playlists</b>	<p>Lists existing playlists. If you click one of your playlists, the content is shown in a numbered order (the order you added the single tracks or albums to the list).</p> <p>One empty playlist is available by default. If you want to create additional playlists, click the <b>Create Playlist</b> button that is displayed at the right hand side of the <b>Playlists</b> entry when you hover over it with your mouse pointer. A window is opened where you can enter a name for the new playlist.</p> <p>If you want to add an additional track to an existing playlist, simply drag the selected track from the browsing screen and drop it to the respective playlist on the navigation tree.</p> <p>Double-clicking a track in your selected playlist starts playback. You can add more tracks while the actual list is playing as background audio.</p>
<b>Optical Discs</b>	<p>Plays back audio tracks and video files from optical discs. The content of a disc inserted in your disc drive is listed for playback when you choose the respective entry below the <b>Optical Discs</b> main entry in the navigation tree on the left.</p> <p>The Nero MediaHub optical disc player supports playback of three disc types: Blu-ray (BD), DVD and CD. Playback view and task bar are displayed. Switching to full screen view is possible.</p>
<b>Devices</b>	<p>Lists connected devices for a simple import of media to your computer.</p> <p>In addition, the Nero Move it Plug-in lets you manage multimedia on devices connected to your computer. You can browse the music, videos and photos directly on connected devices and transfer multimedia to and from mobile devices with one click. The Nero Move it Plug-in automatically detects the best settings and optimizes your content for new and existing devices.</p>



Nero Move it Plug-in is automatically included in Nero Multimedia Suite Platinum HD. If you have Nero Vision Xtra, Nero Video Premium HD, or Nero Multimedia Suite regular version installed, the plug-in is not part of Nero MediaHub.


You can always obtain the plug-in at [www.nero.com](http://www.nero.com) to get maximum multimedia flexibility between your devices.

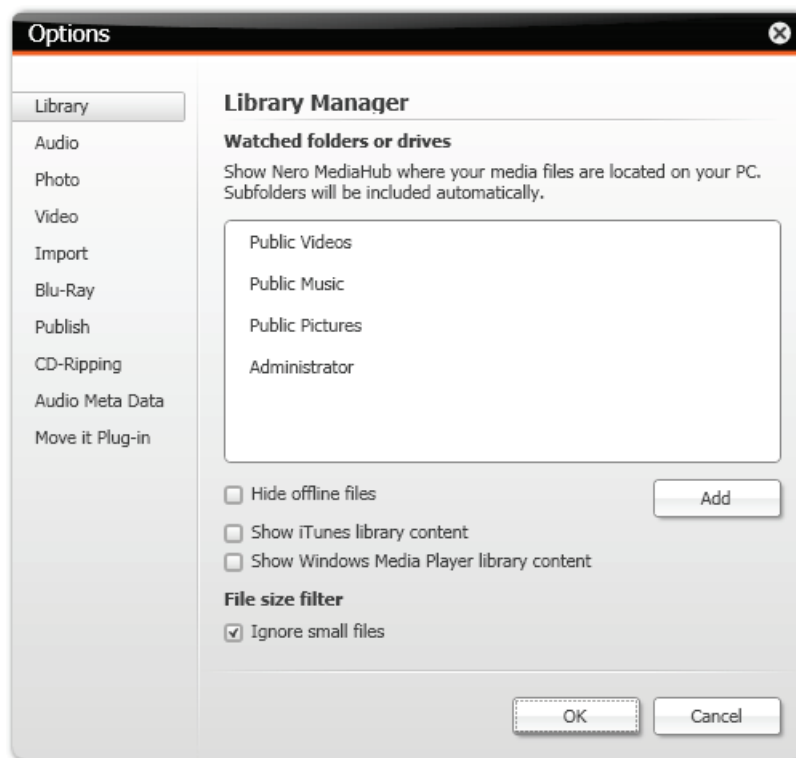
#### See also

-  [Library Management and Options → 12](#)
-  [Music Browsing Screen → 14](#)
-  [Photo Browsing Screen → 19](#)
-  [Video Browsing Screen → 27](#)

- 📄 Slide Show Screen → 35
- 📄 Blu-ray Playback → 38
- 📄 Audio CD Browsing and Playback → 41
- 📄 Devices → 42

### 2.1.1 Library Management and Options


The **Options** window is opened when you click the  button on the upper task bar of the main window. Here you can show the application where your media files are located on your computer and set up your personal audio, video and photo settings.



Options window

The **Options** window is divided into a categories area on the left and a main settings area. The main settings area is adapted depending on the category you choose.

The following categories are displayed:

<b>Library</b>	<p>Displays the <b>Nero MediaHub library</b> settings area.</p> <p>Three default folders (the Windows default folders) for <b>Photos</b>, <b>Music</b>, and <b>Videos</b> are available from the start. If you want to add personal media folders, click the <b>Add</b> button and select the desired folder from the navigation tree. The library is refreshed when launching Nero MediaHub. To delete a folder from the application's watchlist, click the  button.</p> <p>You can also just drag and drop files or folders to Nero MediaHub . A window automatically opens and asks if you would like to add the folder(s) to the library.</p>
<b>Audio</b>	Displays the <b>Audio settings</b> area where you can set up your preferred music options such as the audio output settings.
<b>Photo</b>	Displays the <b>Photo settings</b> area where you can set up your preferred slide show settings such as default photo duration.
<b>Video</b>	Displays the <b>Video settings</b> area where you can set up your preferred video options such as video language or aspect ratio.
<b>Import</b>	Displays the import options. If you import files to the library, the files you import will be copied to the folders you choose in this area. Click the respective <b>Browse</b> button to browse your preferred storage directories.
<b>Blu-ray</b>	<p>Displays the <b>Blu-ray</b> area where you can set up your preferred settings for Blu-ray playback.</p> <p>You can select and change the region code of your BD-player up to 5 times. The currently selected region is displayed. Click the <b>Set Region for BD-player</b> button on the lower right to open another window and select a region from the list.</p> <p>This function is only available with the Nero Blu-ray Disc Playback Plug-in installed on your computer.</p>
<b>Publish</b>	Displays the <b>Publish</b> area where you can set up your preferred publish settings such as video mode (PAL or NTSC). Additionally, you can store your account data to allow direct online publishing out of the application to online communities like MyNero.

<b>CD-Ripping</b>	Displays the <b>CD-Ripping</b> area where you can set up your preferred CD ripping options such as the output directory and quality.
<b>Audio Meta Data</b>	Displays the <b>Audio Meta Data</b> area. You can select if you want to use the Gracenote music database. The check box is selected by default.
<b>Nero Move it Plug-in</b>	Displays the Nero Move it Plug-in area where you can select the name creation options of the folder the imported files from devices will be saved in.  In addition, you can select the check box <b>Show “Apple Device”</b> to display a special <b>Apple Device</b> entry in the navigation tree of Nero MediaHub. Like to any mobile device, you can drag and drop selected music and video files or playlists from your library or other device to the <b>Apple Device</b> . iTunes must be installed on your computer to use this feature.  This function is only available with the Nero Move it Plug-in installed on your computer.

**See also**

 [Main Window → 9](#)

## 2.2 Music Browsing Screen

In the music browsing screen you can browse the items of your **Music** library group. The screen is displayed in the stack view when you choose the **Music** library entry in the navigation tree on the left.

The stacks are the entry points into the detailed browsing view. The first stack is automatically selected. Each stack shows information about the amount of albums included. With a double-click on any stack you can switch into the detailed browsing view.

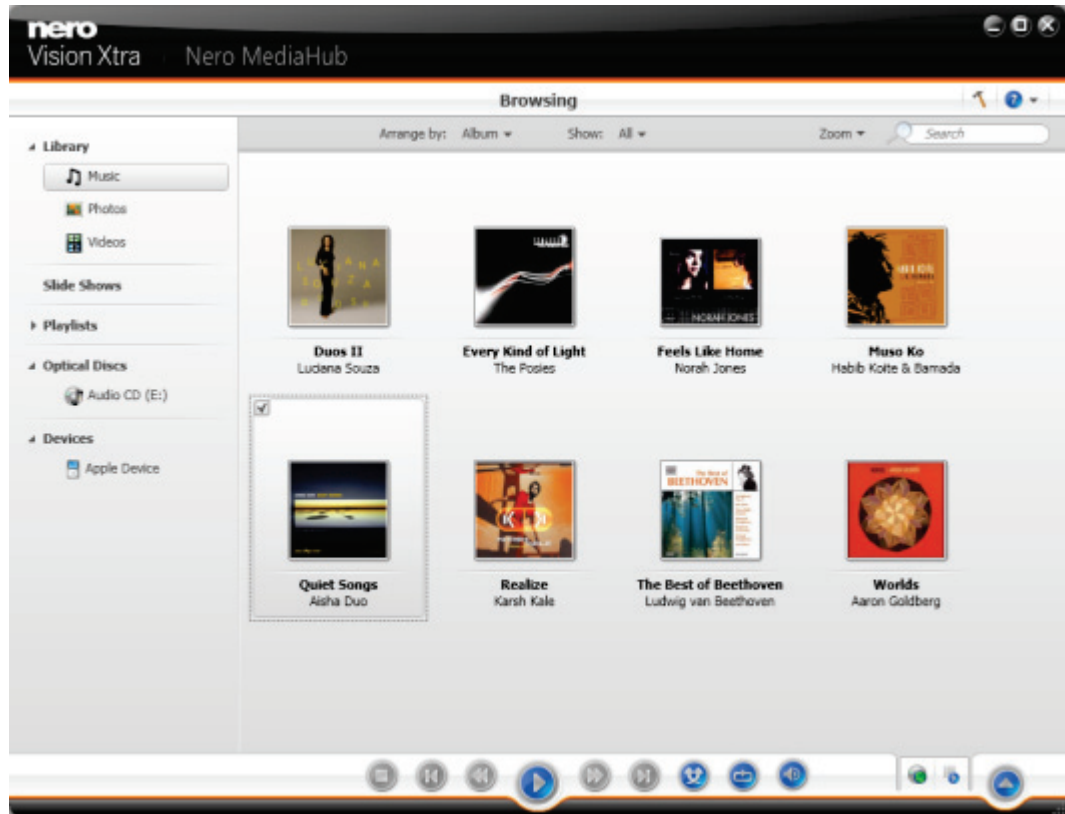
Only the albums of the chosen stack are displayed, the stack works like a filter. The detailed browsing view is displayed with focus on the first item. All other items of the selected stack are listed below, a scrollbar on the right screen margin enables you to scroll the detailed browsing view.

Double-clicking a single item in the detailed browsing view starts its playback. Playback controls are displayed on the lower task bar. Switching to another screen will not stop the playback. A small display in the lower left corner of the main window stays visible and shows the title and play back time. You can click this display to get back to the music browsing screen.

If you hover the mouse pointer over an item in the browsing view, a check box is displayed in the upper left corner. In the detailed browsing view, the check box is listed in the rightmost table column. Activate the check box to select the item. This way, you can make a selection. Album covers also work as selector. If you click the cover art all album items will be marked as selected. It is possible to select over several stack groups, too. With a click on another item (clicking the thumbnail itself instead of the check box) the selection will be removed and



you can start a new sample. A preselection may be useful if you want to create a playlist of selective tracks.



Music browsing screen

Below the upper task bar of the main window, sorting and searching options are additionally displayed in the upper area of each browsing screen. The following setting options are available for music browsing:

Button <b>Overview</b>	Ends the detailed browsing view and returns to the stack view. The arrangement that was chosen in the detailed browsing view will be kept.
Drop-down menu <b>Arrange by</b>	Changes the sorting of stacks in the overview. The files can be arranged by different criteria such as <b>Year</b> or <b>Folder</b> .
Drop-down menu <b>Show</b>	Filters the groups by different criteria (e.g. shows only favorites).
Slider <b>Zoom</b>	Zooms into or out of the browsing view.



Input field <b>Search</b>	Uses key word search to search for file names, artists, albums and titles. Results will be displayed in detailed browsing view. The sorting criteria will be the artist.
------------------------------	--

The following setting options are available on the lower task bar:

Button <b>Stop</b>	Stops playback.
Button <b>Rewind/Fast forward</b>	Rewinds/fast forwards the playing item.
Button <b>Skip back/Skip to next track</b>	Skips to the next/previous track. If you click the respective button when the last (first) track of an album comes to an end, the playback of the next (previous) album will be started.
Button <b>Play/Pause</b>	Starts/pauses play back of selected items or albums. If you click the button in the stack view with a stack selected, the detailed browsing view will be displayed, and the first item will start playing automatically.
Button <b>Turn random playback on/off</b>	Plays selected items or an album in a random sequence.
Button <b>Repeats the current playback or a complete playlist</b>	Plays the currently played item, selection, album or playlist again.
Button <b>Volume</b>	Adjusts the volume. Activating the additional <b>Mute</b> button below the slider mutes the background music.

Button <b>Publish photos, videos, and music to the Internet or to disc</b>	Displays the <b>Publish Music</b> screen in which you can collect single items, preselections or playlists and burn or export those.
Button <b>Create music playlist</b>	Creates a playlist from selected items. A window is opened, which asks you to enter a name for your new playlist. A new entry is added to the <b>Playlists</b> area of the navigation tree. You can simply drag and drop selected items, albums or whole stacks to any playlist in the navigation tree.
Button <b>Additional functionalities</b>	Displays more features.

The following entries are available in the additional functionalities pop-up menu:

<b>Add to Favorites</b>	<p>Adds a star icon to the lower right corner of selected items or whole stacks.</p> <p>The rating may be useful in organisation if you use the <b>Show</b> drop-down menu (sorting setting options) and display your favorites only. You can remove items or stacks from your list of favorites again. When a favorite item is selected, the entry in the additional functionalities pop-up menu changes to <b>Remove from Favorites</b>. To remove an item or stack from your list of favorites, click this entry. At least one item or stack must be selected.</p>
<b>Copy To</b>	<p>Opens the <b>Copy Selected Files to</b> window. Here you can choose a target device to copy the selected files to.</p> <p>This function is only available with the Nero Move it Plug-in installed on your computer.</p> <p>At least one item must be selected.</p>
<b>More From This</b>	<p>Displays a list of search criterion entries.</p> <p>The selected song in your browsing screen is used as a seed song. Click the desired search criterion entry (e.g. <b>Kind of Song</b> or <b>Genre</b>) to start the Gracenote Playlist search. All matching files found in your library are automatically collected into a new playlist.</p> <p>At least one item must be selected.</p>
<b>Get Song Information</b>	<p>Opens the <b>Get Meta Data</b> window.</p> <p>With Gracenote MusicID Nero MediaHub can identify music files out of any sort of audio compilation. So called metadata such as artist,</p>

	<p>title, and genre are accessed from the Gracenote Media Database and displayed in Nero MediaHub. The identified metadata is written to the music file(s) and is then available. In this way your music collection is correctly tagged with all information. This is particularly useful when audio files are not named or are only partially named.</p> <p>Click the <b>Apply</b> button in the lower right of the window to synchronize the found data to your file(s).</p> <p>At least one item must be selected.</p>
<b>Edit Song Information</b>	<p>Opens the <b>Get Meta Data</b> window.</p> <p>You can edit metadata – like add missing data into the input fields. Click the <b>Apply</b> button in the lower right of the window to synchronize the data to your file(s). The metadata is sent to Gracenote and added into the database.</p> <p>At least one item must be selected.</p>
<b>Show Media Info</b>	<p>Opens the <b>Media Info</b> pop-up area that shows information about the meta data of the selected item. If available, you can see details like artist, title or duration.</p> <p>The <b>Media Info</b> pop-up area stays open in the lower left of the window. The entry in the additional functionalities pop-up menu changes to <b>Hide Media Info</b>. To close or hide the pop-up area, choose this entry.</p>
<b>Open With Windows Explorer</b>	<p>Opens a Windows Explorer window that shows the respective browser path to the directory in which the selected item is stored on your computer.</p> <p>At least one item must be selected.</p>
<b>Delete</b>	<p>Deletes an item or a whole stack from Nero MediaHub and from its folder on your computer.</p> <p>At least one item or stack must be selected.</p>



Music recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, please visit [www.gracenote.com](http://www.gracenote.com).

#### See also

📖 Starting Music Playback (Library or Playlist) → 48

📖 Publish Screen → 45

## 2.3 Photo Browsing Screen

In the photo browsing screen you can browse the items of your **Photos** library group. The screen is displayed in the stack view when you choose the **Photos** library entry in the navigation tree on the left.

The stacks are the entry points into the detailed browsing view. With a double-click on any stack you can switch into the detailed browsing view. The detailed browsing view is displayed with focus on the first item. All other items of the selected stack are listed below, a scrollbar on the right screen margin enables you to scroll the detailed browsing view. With another double-click on a single item in the detailed browsing view, the **Editing Photos** screen is displayed.

If you place the mouse pointer on an item, a preview is shown. It will fade out when you move the mouse pointer away.

If you hover the mouse pointer over an item, a check box is displayed in the upper left corner. Select the check box to select the item. This way, you can make a selection. It is possible to select over several stack groups, too. With a click on another item (like clicking the thumbnail itself instead of the check box) the selection will be removed and you can start a new sample. A preselection may be useful if you want to start an instant slide show that plays back only selective photos.

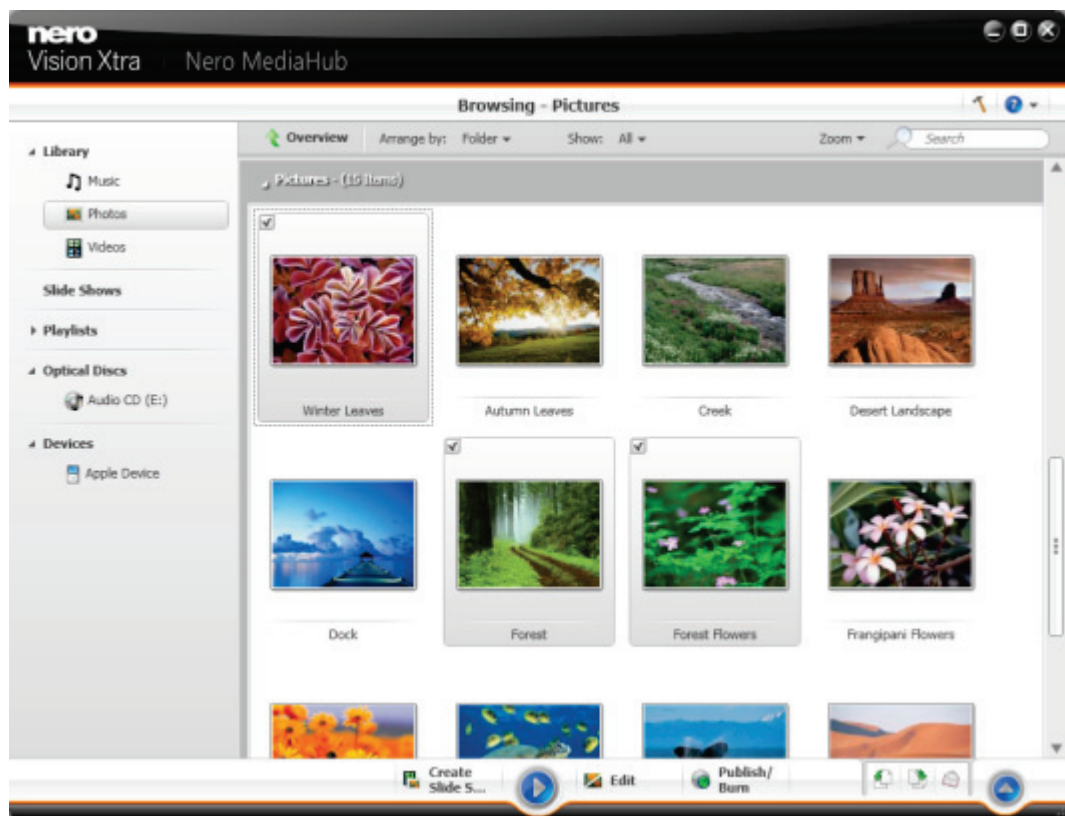


Photo browsing screen

Below the upper task bar of the main window, sorting and searching options are additionally displayed in the upper area of each browsing screen. The following setting options are available for photo browsing:

Button <b>Overview</b>	Ends the detailed browsing view and returns to the stack view. The arrangement that was chosen in the detailed browsing view will be kept.
Drop-down menu <b>Arrange by</b>	Changes the sorting of items and has the files arranged by different criteria such as by <b>Year</b> or <b>Folder</b> .
Drop-down menu <b>Show</b>	Filters the groups by different criteria (e.g. shows only favorites).
Drop-down menu with slider <b>Zoom</b>	Zooms into and out of the browsing view.
Input field <b>Search</b>	Uses key word search to search for file names. Results will be displayed in detailed browsing view.

The following setting options are available on the lower task bar:

Button <b>Create Slide Show</b>	Creates a slide show with photos and movies. The <b>Slideshow</b> screen is displayed. You can preselected the photos and movies you want to add to your new slide show. Select the check box that is displayed in the upper left corner of an item to select it.
Button <b>Play</b>	Starts playback of an instant slide show. The slide show is presented with default transitions and default background music. Slide shows are played in full screen view. To avoid conflicts, any ongoing background music is suspended and the slide show's own music is played. You can preselect the photos and movies you want to play back in your instant slide show. Select the check box displayed in the upper left corner to select the item.
Button <b>Edit</b>	Displays the <b>Editing Photos</b> screen in which you can view, edit, and enhance your photos. At least one item must be selected.
Button <b>Publish</b>	Displays the <b>Publish Image</b> screen in which you can collect items or preselections into content titles and burn or export those. At least one item must be selected.

Button <b>Rotate counter-clockwise / Rotate clockwise</b>	Rotates a selected item 90° to the left or to the right. Only available in detailed browsing view. At least one item must be selected.
Button <b>Send Mail To</b>	Opens the <b>Send Mail To</b> window. You can attach either the original files or resized files (select the respective option button) to a new e-mail in your default e-mail application. Information about estimated file size is displayed in brackets. Only available in detailed browsing view. At least one item must be selected.
Button / Pop-up menu <b>Additional functionalities</b>	Displays more features.

The following entries are available in the additional functionalities pop-up menu:

<b>Add to Favorites</b>	Adds a star icon to the lower right corner of selected items or whole stacks. The rating may be useful in organisation if you use the <b>Show</b> drop-down menu (sorting setting options) and display your favorites only. You can remove items or stacks from your list of favorites again. When a favorite item is selected, the entry in the additional functionalities pop-up menu changes to <b>Remove from Favorites</b> . To remove an item or stack from your list of favorites, click this entry. At least one item or stack must be selected.
<b>Show Media Info</b>	Opens the <b>Media Info</b> pop-up area that shows information about the meta data of the selected item. If available, you can see details like file format, size, resolution or creation date. The <b>Media Info</b> pop-up area stays open in the lower left of the window. The entry in the additional functionalities pop-up menu changes to <b>Hide Media Info</b> . To close or hide the pop-up area, choose this entry.
<b>Rename</b>	Enables the title input field where you can enter the desired new name for the item. At least one item must be selected.



<b>Delete</b>	Deletes an item or a whole stack from Nero MediaHub and from its folder on your computer. At least one item or stack must be selected.
<b>Open with Windows Explorer</b>	Opens a Windows Explorer window that shows the respective browser path to the directory in which the selected item is stored on your computer. At least one item must be selected.

**See also**

-  [Photo Editing → 22](#)
-  [Slide Show Screen → 35](#)
-  [Control Bar → 26](#)
-  [Publish Screen → 45](#)
-  [General Editing of Photos → 54](#)
-  [Creating a Slide Show → 52](#)

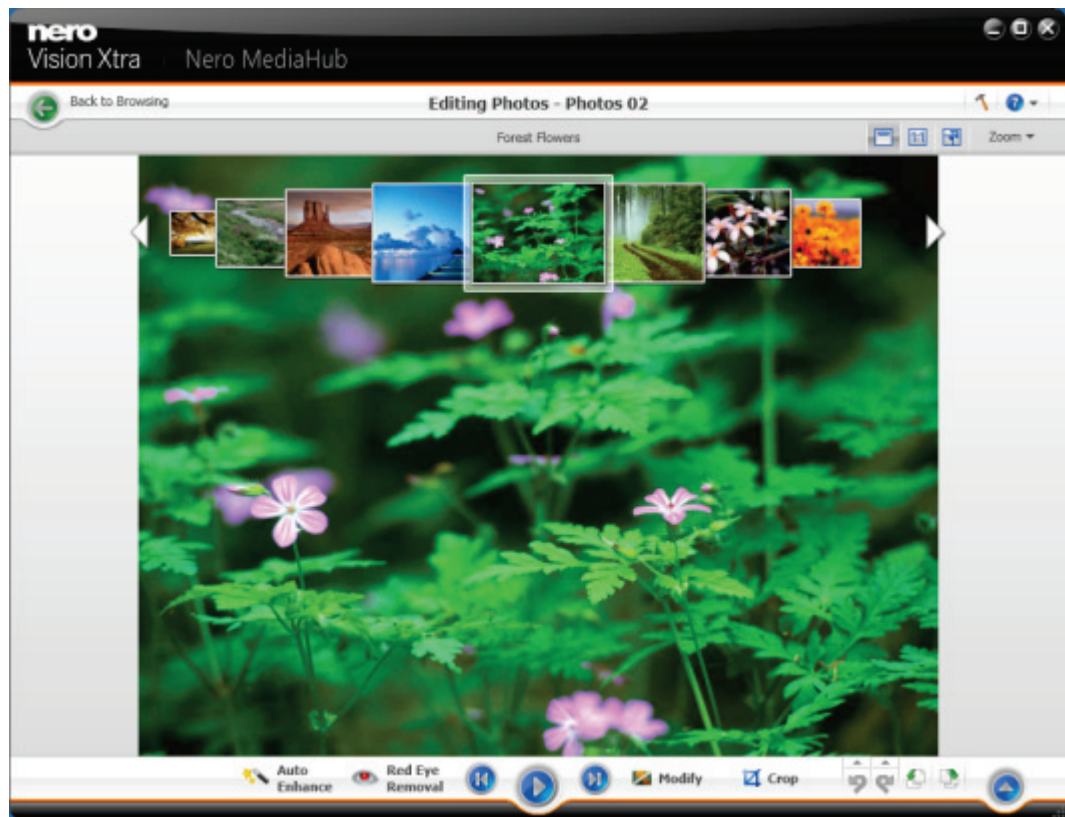
**2.3.1 Photo Editing**

The **Editing Photos** screen is displayed when you click the **Edit** button in the photo browsing or **Slide show** screen. Here you can view, edit, and enhance your photos.

Click the back button in the upper left of the screen to return to the previous screen.

If you place the mouse pointer in the upper third of the content or editing area, a thumbnail strip will fade in. The thumbnail strip shows all items you selected in the photo browsing screen (check box selected). If you selected only one item, the thumbnail strip shows the photos of the corresponding group. If a photo is marked as favorite, a star icon is displayed in the lower right corner of the respective thumbnail. You can navigate through the items of the thumbnail strip using the ◀ and ▶ buttons. Click a thumbnail to choose the respective photo and to display it in the content area.





Editing Photos screen

Below the upper task bar of the main window, adapted setting options are additionally displayed in the upper area of the **Editing Photos** screen. The following setting options are available:

Button <b>Photo strip</b>	Turns the thumbnail strip on/off.
Button <b>Split view</b>	Splits the content area into two screens to see e.g. the before (on the left) and after (on the right) effect of an applied modification. A second click closes the split screen mode.
Button <b>Fit to screen</b>	Fits the displayed item to the size of the content area. The aspect ratio is kept.
Button <b>Fullscreen</b>	Displays an item in the full screen view. Double-clicking a photo in the content area also starts the full screen view.
Drop-down menu with slider <b>Zoom</b>	Zooms into and out of the content view.

The following setting options are available on the lower task bar:

Button <b>Auto Enhance</b>	Improves the quality automatically based on terms of reference. The same function is available via the <b>Auto Enhance</b> button on the <b>Enhance</b> tab in the <b>Modify</b> window.
Button <b>Red Eye Removal</b>	Opens the <b>Red Eye Removal</b> window. The mouse pointer changes into a cross. Simply keep the left mouse button pressed to define a rectangle around the affected area on your photo. Release the mouse button to apply the effect. Red eyes are removed automatically.
Button <b>Skip back/Skip to next track</b>	Skips to the previous/next item. In contrast to the thumbnail strip that only shows the photos of a selection or group, you can use the skip buttons to display the items of previous/next stacks.
Button <b>Play</b>	Starts playback of an instant slide show. The slide show is presented with default transitions and default background music. Slide shows are played in full screen view. To avoid conflicts, any ongoing background music is suspended and the slide show's own music is played. You can preselect the photos and movies you want to play back in your instant slide show. Select the check box displayed in the upper left corner to select the item.
Button <b>Modify</b>	Opens the <b>Modify</b> window in which you can choose from several effects, adjustments and enhancements presented on three correspondent tabs.
Button <b>Crop</b>	Opens the <b>Crop</b> window in which you can choose from several templates that are defining the aspect ratio of a crop frame. You can also change the size of your item manually. To crop manually, move the mouse pointer from the <b>Crop</b> window to the content area. It changes into a cropping tool. Click, hold, and move the cropping tool to directly see which part of the photo will be cropped. The width, height and position of the cropped area can be adjusted after the cropping tool was released. Once you are happy with the defined size, click the <b>Apply</b> button to cut down the item.

Button <b>Undo edited steps/Redo edited steps</b>	Reverses/repeats the last editing step. Independent of the number of process steps you already performed, you can always undo your previous editing until you reach the original again.
Button <b>Rotate counter-clockwise/ Rotate clockwise</b>	Rotates a selected item 90° to the left or to the right.
Button <b>Additional functionalities</b>	Displays more features.






The following tabs are available in the **Modify** window:

<b>Enhance</b>	<p>The <b>Auto Exposure</b> button automatically improves the exposure of your photos based on terms of reference.</p> <p>The <b>Auto Color</b> button automatically improves the color of your photos based on terms of reference. It offers an alternative to the manual color correction.</p> <p>The <b>Auto Enhance</b> button automatically improves the quality based on terms of reference. The same function is available via the <b>Auto Enhance</b> button on the lower task bar.</p>
<b>Adjust</b>	<p>Displays various sliders. You can use these modification options to improve the visual impression of your photos.</p> <p>A preview of your adjustments is displayed in the <b>Editing Photos</b> screen.</p>
<b>Effects</b>	<p>Lists color and editing effects you can choose from to modify your photos.</p> <p>If you place the mouse pointer on an effect thumbnail, a preview of the result is displayed in the <b>Editing Photos</b> screen. Click the thumbnail to actually apply the desired effect.</p>

The following entries are available in the additional functionalities pop-up menu:

<b>Add to Favorites</b>	<p>Adds a star icon to the lower right corner of selected items or whole stacks.</p> <p>The rating may be useful in organisation if you use the <b>Show</b> drop-down menu (sorting setting options) and display your favorites only. You can remove items or stacks from your list of favorites again. When a favorite item is selected, the entry in the additional functionalities pop-up menu changes to <b>Remove from Favorites</b>. To remove an item or stack from your list of favorites, click this entry. At least one item or stack must be selected.</p>
<b>Delete</b>	Deletes an item or a whole stack from Nero MediaHub and from its folder on your computer.
<b>Open with Windows Explorer</b>	Opens a Windows Explorer window that shows the respective browser path to the directory in which the selected item is stored on your computer.

#### See also

-  [Photo Browsing Screen → 19](#)
-  [Slide Show Screen → 35](#)
-  [Publish Screen → 45](#)
-  [General Editing of Photos → 54](#)
-  [Creating a Slide Show → 52](#)

## 2.3.2 Control Bar

Different full screen setting options are available for video and instant slide show playback. Moving the mouse in the lower third of the respective full screen, the control bar is faded in.

On the left of the video playback control bar a thumbnail of the currently playing video and a time display are shown. In addition, the following buttons are available:

<b>Back</b>	Ends the full screen view and returns to the default application screen.
<b>Stop</b>	Stops playback.
<b>Rewind/Fast forward</b>	Rewinds/fast forwards the playing item.
<b>Skip back/Skip to next track</b>	Skips to the next/previous video.

<b>Play/Pause</b>	Starts/Pauses play back of selected items.
<b>Repeats the current playback or series of videos</b>	Plays the currently played item or selection again.
<b>Volume</b>	Adjusts the volume. Activating the additional <b>Mute</b> button below the slider mutes the background music.
<b>Additional functionalities</b>	Displays more features.

The following buttons are available on the instant slide show control bar:

<b>Back</b>	Ends the full screen view and returns to the default application screen.
<b>Skip back/Skip to next track</b>	Skips to the previous/next item.
<b>Play</b>	Starts playback of the slide show in full screen view.
<b>Volume</b>	Adjusts the volume. Activating the additional <b>Mute</b> button below the slider mutes the background music.
<b>Rotate left / Rotate right</b>	Rotates the item 90° to the left or to the right. Only available for photos.
<b>Add to Favorites</b>	Adds a star icon to the lower right corner of selected items or whole stacks.  You can remove items or stacks from your list of favorites again. When a favorite item is selected, the entry in the additional functionalities pop-up menu changes to <b>Remove from Favorites</b> . To remove an item or stack from your list of favorites, click this entry.

#### See also

 [Photo Browsing Screen → 19](#)

## 2.4 Video Browsing Screen

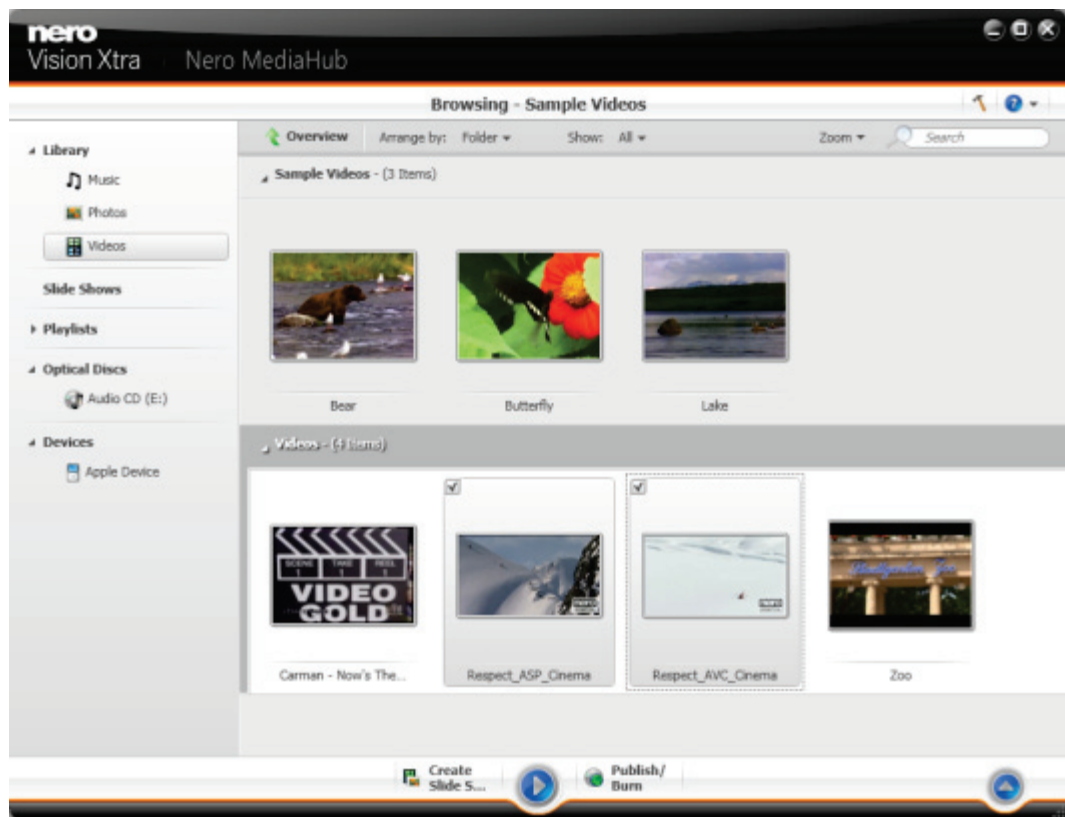
In the video browsing screen you can browse the items of your **Videos** library group. The screen is displayed in the stack view when you choose the **Videos** library entry in the navigation tree on the left.

The stacks are the entry points into the detailed browsing view. With a double-click on any stack you can switch into the detailed browsing view. The detailed browsing view is displayed with focus on the first item. All other items of the selected stack are listed below, a

scrollbar on the right screen margin enables you to scroll the detailed browsing view. Another double-click on a single item in the detailed browsing view displays the **Playback** screen. Playback is started automatically.

If you place the mouse pointer on an item, a preview is shown. It will fade out when you move the mouse pointer away.

If you hover the mouse pointer over an item, a check box is displayed in the upper left corner. Select the check box to select the item. This way, you can make a selection. It is possible to select over several stack groups, too. With a click on another item (like clicking the thumbnail itself instead of the check box) the selection will be removed and you can start a new sample. The preselection may be useful if you want to start an instant slide show that plays back only selective video sequences.



Video browsing screen

Below the upper task bar of the main window, sorting and searching options are additionally displayed in the upper area of each browsing screen.



The following setting options are available for video browsing:

Button <b>Overview</b>	Ends the detailed browsing view and returns to the stack view. The arrangement that was chosen in the detailed browsing view will be kept.
Drop-down menu <b>Arrange by</b>	Changes the sorting of items and has the files arranged by different criteria such as by <b>Year</b> or <b>Folder</b> .
Drop-down menu <b>Show</b>	Filters the groups by different criteria (e.g. shows only favorites).
Drop-down menu with slider <b>Zoom</b>	Zooms into and out of the browsing view.
Input field <b>Search</b>	Uses key word search to search for file names. Results will be displayed in detailed browsing view.

The following setting options are available on the lower task bar:







Button <b>Create Slide Show</b>	Creates a slide show with photos and movies. The <b>Slideshow</b> screen is displayed. You can preselect the photos and movies you want to add to your new slide show. Select the check box that is displayed in the upper left corner to select the item.
Button <b>Play</b>	Starts playback of selected items. The <b>Playback</b> screen is displayed and playback is started automatically. To avoid conflicts, any ongoing background music is suspended and the own sound of the item is played back. You can preselected the movies you want to play back. Select the check box that is displayed in the upper left corner to select the item.
Button <b>Publish</b>	Displays the <b>Publish Video</b> screen in which you can collect items or preselections and burn or export those.
Button <b>Additional functionalities</b>	Displays more features.



The following entries are available in the additional functionalities pop-up menu:

<b>Add to Favorites</b>	<p>Adds a star icon to the lower right corner of selected items or whole stacks.</p> <p>The rating may be useful in organisation if you use the <b>Show</b> drop-down menu (sorting setting options) and display your favorites only. You can remove items or stacks from your list of favorites again. When a favorite item is selected, the entry in the additional functionalities pop-up menu changes to <b>Remove from Favorites</b>. To remove an item or stack from your list of favorites, click this entry. At least one item or stack must be selected.</p>
<b>Show Media Info</b>	<p>Opens the <b>Media Info</b> pop-up area that shows information about the meta data of the selected item. If available, you can see details like file format, size, resolution or creation date.</p> <p>The <b>Media Info</b> pop-up area stays open in the lower left of the window. The entry in the additional functionalities pop-up menu changes to <b>Hide Media Info</b>. To close or hide the pop-up area, choose this entry.</p>
<b>Rename</b>	<p>Enables the title input field where you can enter the desired new name for the item.</p> <p>At least one item must be selected.</p>
<b>Delete</b>	<p>Deletes an item or a whole stack from Nero MediaHub and from its folder on your computer.</p> <p>At least one item or stack must be selected.</p>
<b>Open with Windows Explorer</b>	<p>Opens a Windows Explorer window that shows the respective browser path to the directory in which the selected item is stored on your computer.</p> <p>At least one item must be selected.</p>

#### See also

-  [Video Playback Screen → 31](#)
-  [Slide Show Screen → 35](#)
-  [Control Bar → 33](#)
-  [Publish Screen → 45](#)
-  [Starting Video Playback \(Library\) → 49](#)
-  [Creating a Slide Show → 52](#)

### 2.4.1 Video Playback Screen



Some of the formats mentioned here are only available with the Nero Blu-ray Disc Playback Plug-in installed on your computer.



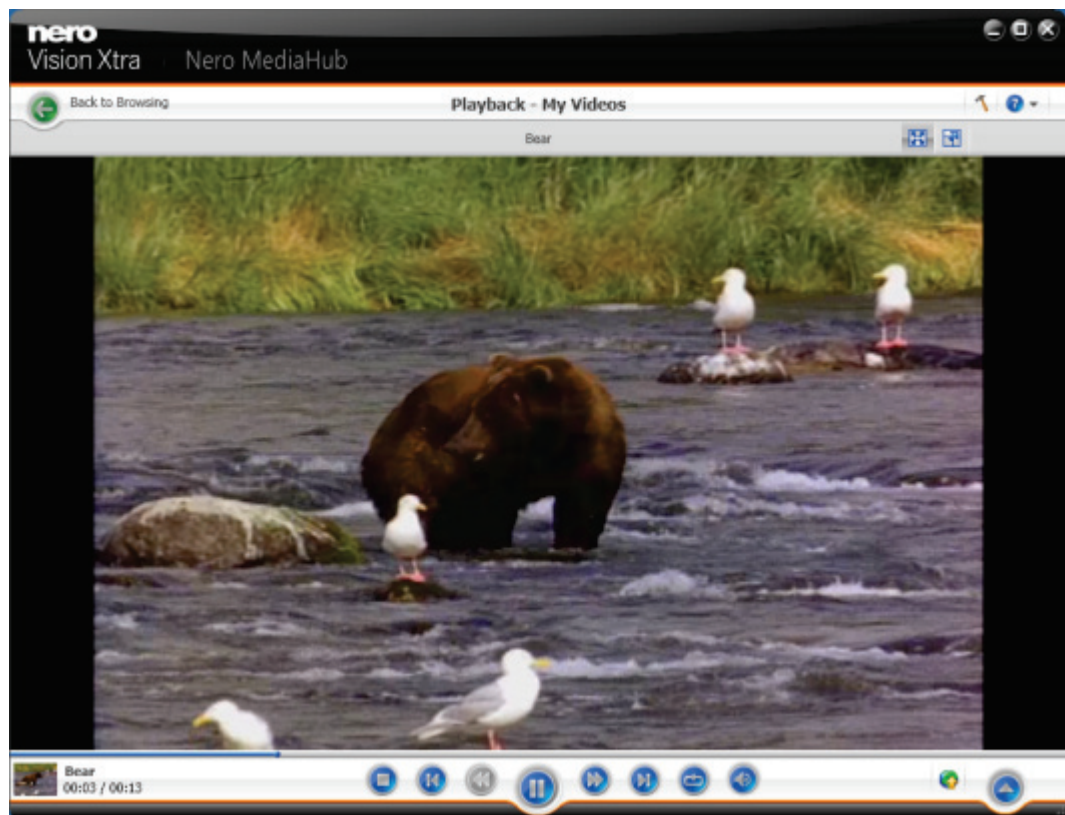
Nero Blu-ray Disc Playback Plug-in is automatically included in Nero Multimedia Suite Platinum HD.

If you have Nero Vision Xtra , Nero Video Premium HD, or Nero Multimedia Suite regular version installed, the plug-in is not part of Nero MediaHub.

You can always obtain the plug-in at [www.nero.com](http://www.nero.com).

The **Playback** screen is displayed when you click the **Start Playback** button in the video browsing screen or when you start playback from an optical disc. Here you can view your videos.

Click the back button in the upper left of the screen to return to the previous screen.



Playback screen

Below the upper task bar of the main window, adapted setting options are additionally displayed in the upper area of the **Playback** screen.

The following setting options are available:

Button <b>Fit to screen</b>	Fits the displayed item to the size of the content area. The aspect ratio is kept.
Button <b>Fullscreen</b>	Displays an item in the full screen view. Double-clicking a video in the content area also starts the full screen view.

In the lower left of the screen a thumbnail of the currently playing video and a time display is shown. In addition, the following setting options are available on the lower task bar:




Button <b>Stop</b>	Stops playback.
Button <b>Rewind/Fast forward</b>	Rewinds/fast forwards the playing item.
Button <b>Skip back/Skip to next track</b>	Skips to the next/previous video.
Button <b>Play/Pause</b>	Starts/pauses play back of selected items.
Button <b>Repeats the current playback or series of videos</b>	Plays the currently played item or selection again.
Button <b>Volume</b>	Adjusts the volume. Activating the additional <b>Mute</b> button below the slider mutes the background music.
Button <b>Publish photos, videos, and music to the Internet or to disc</b>	Displays the <b>Publish Music</b> screen where you can collect single items or preselections and burn or export those.
Button <b>Rotate counter-clockwise/Rotate clockwise</b>	Rotates a selected item 90° to the left or to the right.

Button <b>Additional functionalities</b>	Displays more features.
---	-------------------------

The following entries are available in the additional functionalities pop-up menu:

<b>Add to Favorites</b>	Adds a star icon to the lower right corner of selected items or whole stacks. You can remove items or stacks from your list of favorites again. When a favorite item is selected, the entry in the additional functionalities pop-up menu changes to <b>Remove from Favorites</b> . To remove an item or stack from your list of favorites, click this entry.
<b>Fit Video to Screen</b>	Displays possible options for the set up of aspect ratio.
<b>Delete</b>	Deletes an item or a whole stack from Nero MediaHub and from its folder on your computer.
<b>Open with Windows Explorer</b>	Opens a Windows Explorer window that shows the respective browser path to the directory in which the selected item is stored on your computer.

#### See also

-  [Video Browsing Screen → 27](#)
-  [Control Bar → 33](#)
-  [Starting Video Playback \(Library\) → 49](#)

## 2.4.2 Control Bar

Different full screen setting options are available for video and instant slide show playback. Moving the mouse in the lower third of the respective full screen, the control bar is faded in.

On the left of the video playback control bar a thumbnail of the currently playing video and a time display are shown. In addition, the following buttons are available:

<b>Back</b>	Ends the full screen view and returns to the default application screen.
<b>Stop</b>	Stopps playback.
<b>Rewind/Fast forward</b>	Rewinds/fast forwards the playing item.

<b>Skip back/Skip to next track</b>	Skips to the next/previous video.
<b>Play/Pause</b>	Starts/Pauses play back of selected items.
<b>Repeats the current playback or series of videos</b>	Plays the currently played item or selection again.
<b>Volume</b>	Adjusts the volume. Activating the additional <b>Mute</b> button below the slider mutes the background music.
<b>Additional functionalities</b>	Displays more features.

The following buttons are available on the instant slide show control bar:

<b>Back</b>	Ends the full screen view and returns to the default application screen.
<b>Skip back/Skip to next track</b>	Skips to the previous/next item.
<b>Play</b>	Starts playback of the slide show in full screen view.
<b>Volume</b>	Adjusts the volume. Activating the additional <b>Mute</b> button below the slider mutes the background music.
<b>Rotate left / Rotate right</b>	Rotates the item 90° to the left or to the right. Only available for photos.
<b>Add to Favorites</b>	Adds a star icon to the lower right corner of selected items or whole stacks.  You can remove items or stacks from your list of favorites again. When a favorite item is selected, the entry in the additional functionalities pop-up menu changes to <b>Remove from Favorites</b> . To remove an item or stack from your list of favorites, click this entry.

#### See also

 [Video Browsing Screen → 27](#)

 [Video Playback Screen → 31](#)



## 2.5 Slide Show Screen

The **Slide show** screen is displayed when you click the **Create Slide Show** button in the photo browsing or video browsing screen.

Your slide show compilations are listed under the **Slide Shows** entry in the navigation tree; you can always open and edit existing creations from there. When you are satisfied, click the back button in the upper left of the screen to return to the previous screen.



Available on the **Slide show** screen are a preview area to preview the single items of the slide show compilation, and a thumbnail strip in the upper area of the screen. Clicking one of the buttons in the **Personalize Slide Show** area on the left opens the **Personalize slide show** window. You can choose from the various templates, add titles or adapt the volume of the background music.

The thumbnail strip shows all items that you selected in the browsing screen (checkbox selected). You can navigate through the items of the thumbnail strip using the ◀ and ▶ buttons. Click a thumbnail to choose the respective photo or video and display it in the content area. Drag any thumbnail on the strip and drop it to the preferred position to change the order of the items in your slide show.



Slide show screen

The following buttons are available on the thumbnail strip:

	Opens the <b>Add files to slide show</b> window. You can choose photos and videos to be added to the slide show.
	<p>Expands the display of the thumbnail strip over the full size of the screen.</p> <p>This overview may be useful while you're bringing the items of your slide show into the correct order.</p> <p>Click the <b>Collapse the storyboard</b> button to scale down the thumbnail strip again.</p>

The following setting options are available on the lower task bar:

Button <b>Advanced Editing</b>	Moves the unfinished compilation to Nero Vision for expert editing. Nero Vision is an application that is automatically installed during the main installation procedure of your program. Please see the separate Nero Vision user manual for full instructions.
Button <b>Skip back/Skip to next track</b>	Skips to the previous/next item.
Button <b>Play</b>	Starts playback of the slide show in full screen view.
Button <b>Edit</b>	Displays the <b>Editing Photos</b> screen in which you can view, edit, and enhance your photos. At least one item must be selected. Only available for photos.
Button <b>Publish</b>	Displays the <b>Publish Slideshow</b> screen in which you can burn or export your compilation.
Button <b>Rotate counter-clockwise/Rotate clockwise</b>	Rotates a selected item 90° to the left or to the right.
Drop-down menu <b>Additional functionalities</b>	Displays more features.

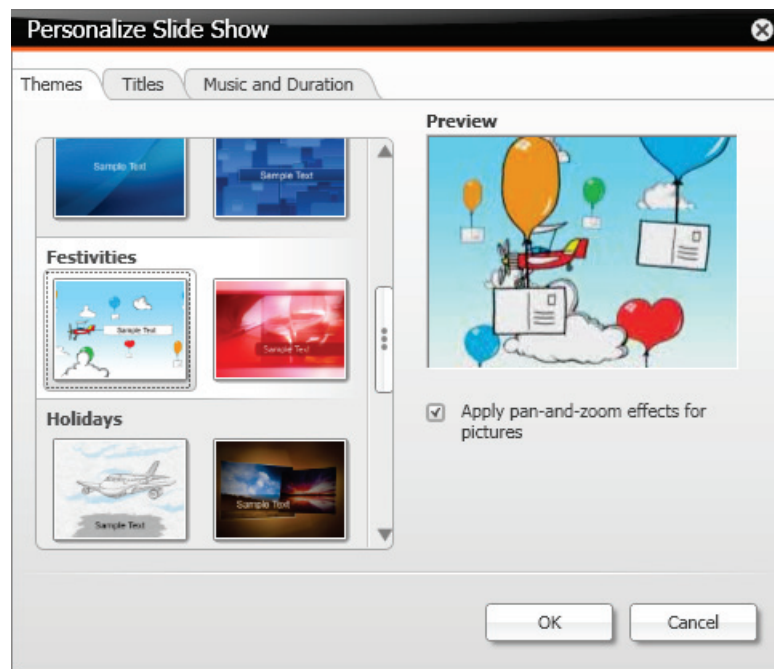


**See also**

-  [Publish Screen → 45](#)
-  [Personalize Slide Show Window → 37](#)
-  [Creating a Slide Show → 52](#)

**2.5.1 Personalize Slide Show Window**

The **Personalize slide show** window is opened when you click one of the buttons in the **Personalize Slide Show** area on the left of the **Slide show** screen. Three tabs are available in the window, corresponding to the buttons in the **Personalize Slide Show** area.



Personalize slide show window

You can choose from various slide show templates on the left of the **Themes** tab. Select a template to see an animated preview on the upper right of the tab. In addition, the following setting options are available:

Check box <b>Apply pan-and-zoom effects for pictures</b>	Enables pan-and-zoom effects and fading transitions between the pictures. This effect gives the slide show an additional feeling of motion. If the check box is cleared, the wizard ignores pan-and-zoom effects.
---	--

More template packs are available on our Web site. Click the **More Themes** button to download your themes.




The following input areas are available on the **Titles** tab:

<b>Opening title</b>	Shows the default text for the intro title of the selected template. You can modify the text. Other text attributes such as font and alignment are defined by the template and cannot be modified.
<b>Closing title</b>	Shows the default text for the outro text of the selected template. You can modify the text. In contrast to the intro text, line breaks are allowed. Other text attributes such as font and alignment are defined by the template and cannot be modified.

The following setting options are available on the **Music and Duration** tab:

Area with input field <b>Slide duration</b>	Sets the default duration of still pictures in your slide show. The minimum possible duration is 1 second, the maximum is 60 seconds. Default duration is 3 seconds.
Area with slider <b>Volume mixer</b>	Specifies the volume level of the audio added by the template in contrast to the volume level of all other audio tracks which are already available in the timeline (e.g. sound of video file). If you do not move the slider, both <b>Video sound</b> and <b>Theme music</b> have the same audio level. You can also select the check box below if you prefer to mute the theme music.

#### See also

-  [Slide Show Screen → 35](#)
-  [Creating a Slide Show → 52](#)
-  [Personalize Your Slide Show → 53](#)

## 2.6 Blu-ray Playback



This function is only available with the Nero Blu-ray Disc Playback Plug-in installed on your computer.



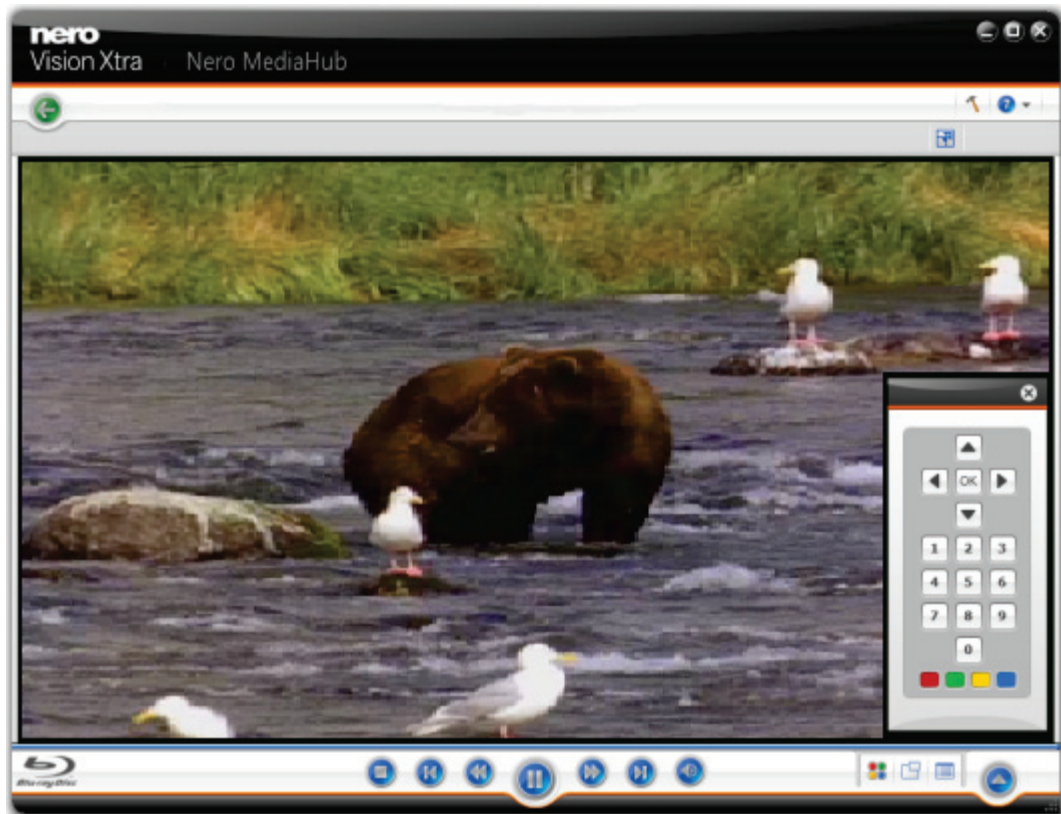
Nero Blu-ray Disc Playback Plug-in is automatically included in Nero Multimedia Suite Platinum HD.

If you have Nero Vision Xtra , Nero Video Premium HD, or Nero Multimedia Suite regular version installed, the plug-in is not part of Nero MediaHub.

You can always obtain the plug-in at [www.nero.com](http://www.nero.com).

The content of a disc inserted in your disc drive is listed for playback when you choose the respective entry below the **Optical Discs** main entry in the navigation tree on the left. Here you can view your videos.

Click the back button in the upper left of the screen to return to the previous screen.



Optical Discs > Blu-ray Disc

Below the upper task bar of the main window, adapted setting options are additionally displayed in the upper area of the Disc Playback screen. The following setting options are available:

Button <b>Fullscreen</b>	Displays an item in the full screen view. Double-clicking a video in the content area also starts the full screen view
-----------------------------	--

In the lower left of the screen a time display is shown. Playback controls are displayed on the lower task bar. In addition, the following setting options are available on the lower task bar:

Button <b>Open advanced Blu-ray controls</b>	Displays the advanced Blu-ray control panel. You can navigate through the video main menu and start the video from here.
Button <b>Disc pop-up menu</b>	Displays the disc menu.
Button <b>Disc main menu</b>	Displays the disc main menu.
Button <b>Player menu</b>	Displays more features.

The following entries are available in the **Player menu**:

<b>Go to Title(s)</b>	Starts playback of a selected title or chapter. Select a respective title or chapter from the displayed list.
<b>Audio</b>	Displays all languages available for audio playback.
<b>Subtitle</b>	Switches subtitles on or off. You can choose from all available subtitle languages.
<b>Angle</b>	Changes the camera perspective if different camera perspectives are available on the respective BD-Video.
<b>Secondary Video</b>	Enables/disables video commentaries which are played back (picture in picture) while a certain scene plays. Secondary video information must be available on the respective disc to benefit from this feature.
<b>Secondary Audio</b>	Enables/disables audio commentaries which are played back while a certain scene plays. Secondary audio information must be available on the respective disc to benefit from this feature.
<b>On Screen Display On/Off</b>	Tracks video and audio data such as the output frame rate and decoding speed in a display on the playback screen.
<b>Resume</b>	Resumes playback in case <b>Secondary Video</b> is enabled and uses the full main video screen for video commentaries.
<b>Eject</b>	Ejects the disc from the drive.

**See also**

 [Main Window → 9](#)

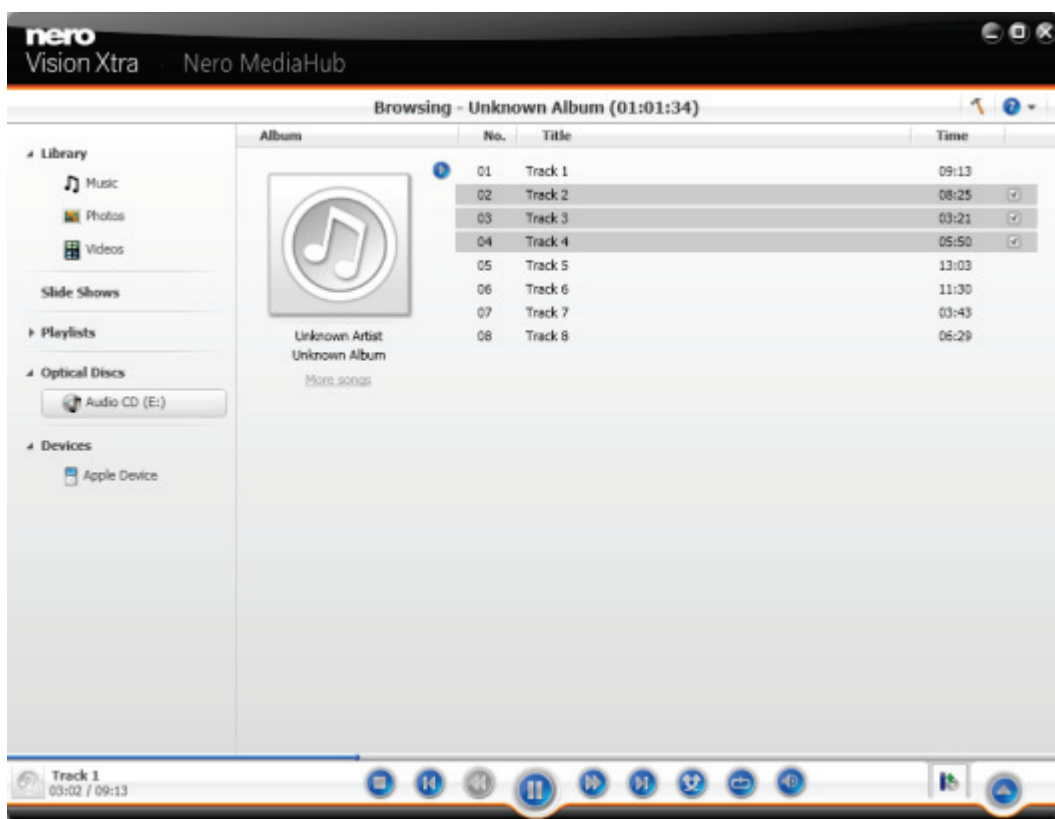
## 2.7 Audio CD Browsing and Playback

The content of a disc inserted in your disc drive is listed for playback when you choose the respective entry below the **Optical Discs** main entry in the navigation tree on the left.

The tracks of for example an Audio CD are listed in detailed browsing view. Same as on the music browsing screen, double-clicking a single item in the detailed browsing view starts its playback. Playback controls are displayed on the lower task bar. Switching to another screen will not stop the playback. A small display in the lower left corner of the main window stays visible and shows the title and play back time. You can click this display to get back to the Audio CD browsing screen.

Same as on the music browsing screen, you can select a check box to select single items. This way, you can make a selection.

An additional **Start ripping from CD** button is available on the right of the lower task bar; click this button to start the ripping of selected tracks.



Optical Discs > Audio CD

The following entries are available in the additional functionalities pop-up menu:

<b>Get CD Information</b>	Retrieve CD information from Gracenote. With Gracenote MusicID Nero MediaHub can identify music files. Identification is possible for complete original Audio CDs. So called metadata such as artist, title, and genre are accessed from the Gracenote Media Database and displayed in Nero MediaHub. The identified metadata is written to the music file and is then available. In this way your music collection is correctly tagged with all information.
<b>Eject</b>	Ejects the disc from the drive.








Music recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, please visit [www.gracenote.com](http://www.gracenote.com).



Please note that in contrast to items stored on your PC, the rating feature (**Favorites**) is not available for files on discs or saved on any removable device.

#### See also

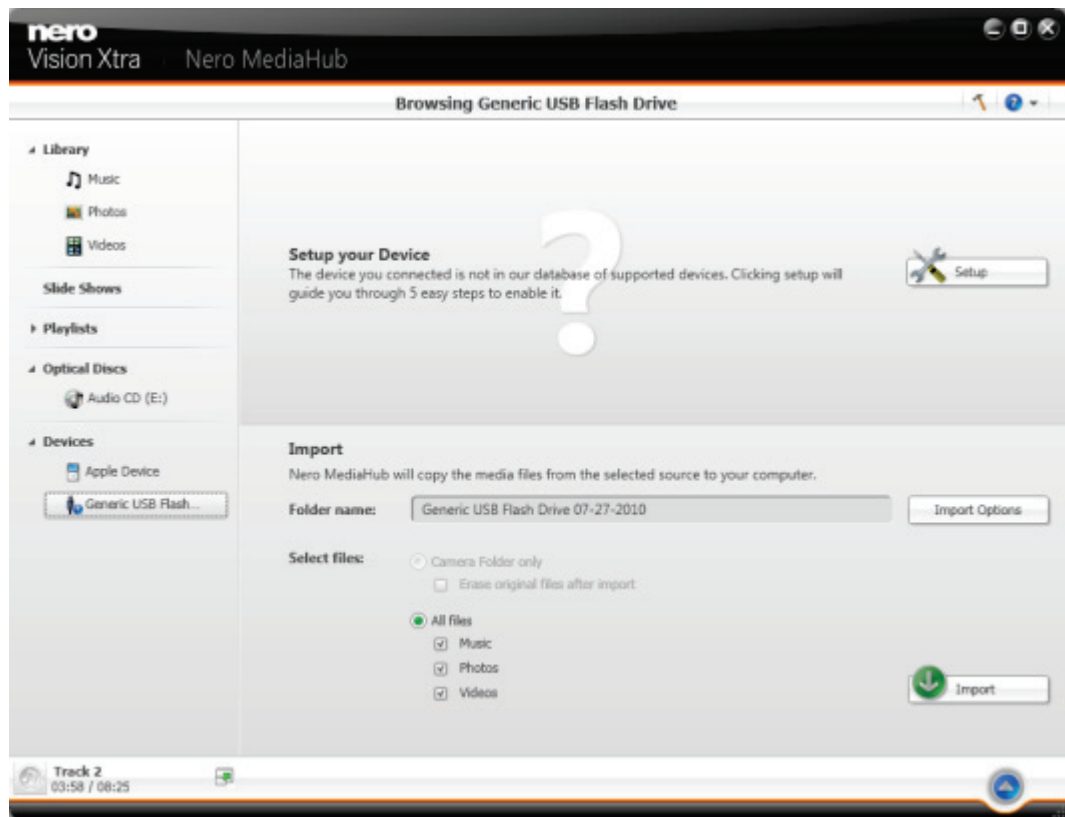
-  [Main Window → 9](#)
-  [Music Browsing Screen → 14](#)
-  [Publish Screen → 45](#)
-  [Ripping from Audio CD → 60](#)
-  [Starting Audio CD Playback → 48](#)

## 2.8 Devices

Basically, Nero MediaHub supports a simple import of media from all mobile devices connected to your computer – no matter if the device is still unknown to the Nero device database.

The **Devices** entry in the navigation tree lists all devices connected to your computer. For each connected device, a **[Device name]** entry is available from the start. Nero MediaHub displays the device name provided in the system device properties.










Devices &gt; Apple Device

Selecting the **[Device name]** entry in the navigation tree displays the device browsing screen where you can set up the import options to copy media files from the connected device to your computer. The following setting options are available:

Input field <b>Folder name</b>	Imports the media files to a folder named how you choose in this input field.
Button <b>Import Options</b>	Opens the <b>Options</b> window with the import options displayed. If you import files to a Nero MediaHub library, the files you import will be copied to the folders you choose in this area. Click the respective <b>Browse</b> button to browse your preferred storage directories.
Option button / Check box <b>Select files</b>	Defines which media files are imported. You can select to import all files or selected media types. In case you import from camera folder (DCIM), you can choose to additionally delete the newly synchronized media from your camera after the import process.
Button <b>Import</b>	Starts the import when all import settings are adjusted as desired.

Click the **Eject** button in the lower right of the screen to safely remove your connected device. You can also right-click the **[Device name]** entry in the navigation tree to display the **Eject** entry in the context menu.

#### See also

-  [Nero Move it Plug-in → 44](#)
-  [Apple Device → 45](#)
-  [Main Window → 9](#)
-  [Library Management and Options → 12](#)
-  [Importing from Device → 58](#)

### 2.8.1 Nero Move it Plug-in

The Nero Move it Plug-in lets you manage multimedia on devices connected to your computer. The plug-in provides maximum multimedia flexibility between all your devices and empowers your digital life.



Nero Move it Plug-in is automatically included in Nero Multimedia Suite Platinum HD. If you have Nero Vision Xtra, Nero Video Premium HD, or Nero Multimedia Suite regular version installed, the plug-in is not part of Nero MediaHub.

You can always obtain the plug-in at [www.nero.com](http://www.nero.com) to get maximum multimedia flexibility between your devices.

If you connect a device that is still unknown to the application, you can configure its individual profile in Nero MediaHub. Select the **Devices > [Device name]** entry in the navigation tree and click the **Setup** button in the upper right of the screen to open the **Device Setup** wizard window. This assistant guides you through an easy setup to make your device work. You can also change settings of your set up device here.

For each set up device, default folders for music, photos and videos are displayed below the main **[Device name]** entry. A click on one of the default folder entries shows the media content available in the respective device folder.

The main device browsing screen remains split in two areas: The upper area shows the name and information about free and total capacity of your device. In addition, the device memory occupied by the different media types is illustrated on a colored capacity bar.




In the lower area of the screen – the **Import** area – you can set up the import options as you do for devices without the Nero Move it Plug-in installed. Media files are copied from the connected device to your computer.

The device content browsing basically works like the local library browsing: You can navigate through the music, videos and photos directly on connected devices and transfer multimedia to and from mobile devices with one click. The Nero Move it Plug-in automatically detects the best settings and optimizes your content for new and existing devices. Preview and rotating of photos as well as video and music playback are possible directly on the device.



Please note that in contrast to items stored on your PC, the rating feature (**Favorites**) is not available for files on discs or saved on any removable device.

#### See also

-  [Devices → 42](#)
-  [Setting Up Device with Nero Move it Plug-in → 59](#)
-  [Importing from Device → 58](#)

## 2.8.2 Apple Device



This function is only available with the Nero Move it Plug-in installed on your computer.



Nero Move it Plug-in is automatically included in Nero Multimedia Suite Platinum HD. If you have Nero Vision Xtra, Nero Video Premium HD, or Nero Multimedia Suite regular version installed, the plug-in is not part of Nero MediaHub.

You can always obtain the plug-in at [www.nero.com](http://www.nero.com) to get maximum multimedia flexibility between your devices.

A special **Apple Device** entry is additionally displayed below the **Devices** entry in the navigation tree if iTunes is installed on your computer. Like to any connected mobile device, you can drag and drop selected music and video files or whole playlists from your library or other device to the **Apple Device**. Nero MediaHub automatically converts the files into the iTunes format. Files in formats compatible with iTunes (AAC, AIFF, AIF, WAV, WAVE and MP3) will not be converted. Transcoded media is stored into your default library folders.

In the iTunes application a playlist named **Music from MediaHub** is created which includes all the synchronized media. For whole synchronized playlists iTunes will create new playlists named the same as they are in Nero MediaHub.

You can activate/deactivate this feature per check box in the **Options** window > **Nero Move it Plug-in** category.

#### See also

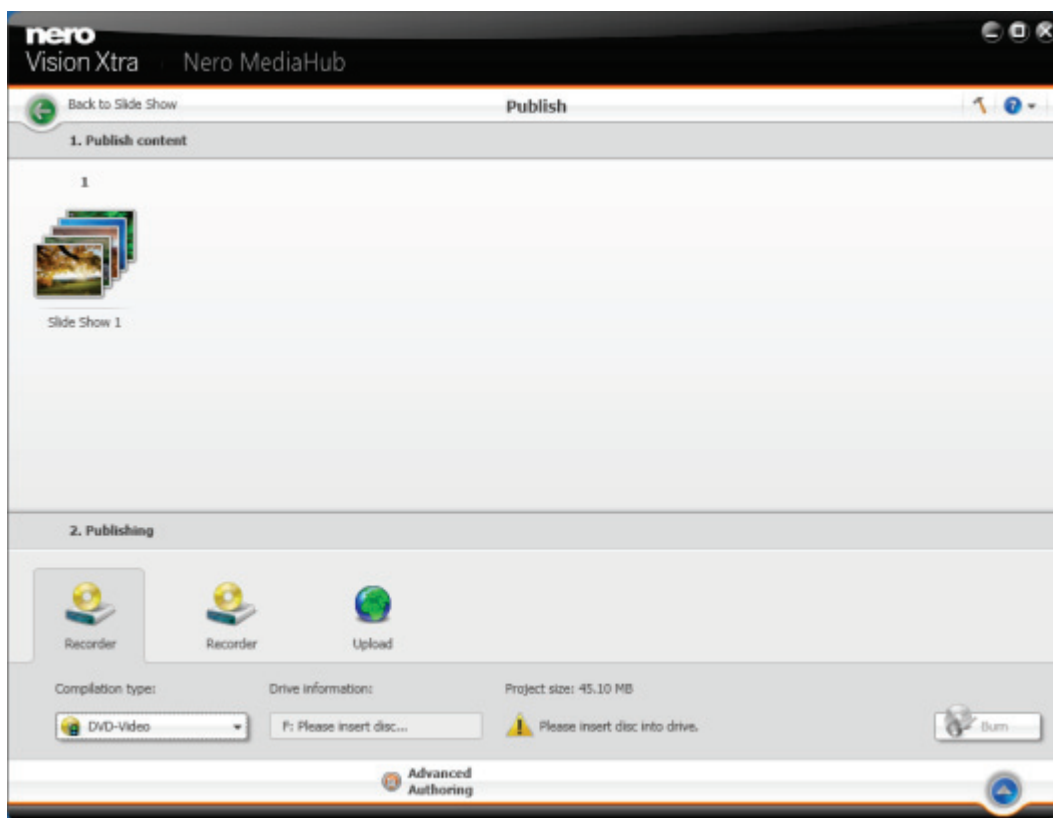
-  [Devices → 42](#)
-  [Library Management and Options → 12](#)

## 2.9 Publish Screen

Clicking the **Publish** button in one of the browsing screens displays the respective publishing screen for music, photos or videos. Each publishing screen is split in two areas: The upper area shows the content of your compilation. In the lower area of the screen

different ways to publish the project content are offered. You can choose the required options on the selected tab.

Finally, clicking the **Burn** or the **Upload** button in the lower right of the tab starts the publishing or uploading process. A status bar is displayed to show the progress. Switching to another screen will not stop the publishing or uploading process. A small status bar in the lower left corner of the main window stays visible and lets you track the progress. You can click this display to return to the **Publish** screen.





Publish screen

The following publishing tabs are available:

<b>Recorder</b>	<p>Burns your current compilation to disc.</p> <p>Choose the target disc type from the <b>Compilation type</b> drop-down menu and select the recorder from the <b>Drive information</b> drop-down menu.</p> <p>The total project size is displayed for your information.</p>
<b>Upload</b>	<p>Uploads your current compilation to an Internet community.</p> <p>Click the <b>Upload</b> button and choose your preferred community from the tabs displayed.</p>

In addition to publishing your project in Nero MediaHub you can move the unfinished compilation to Nero Vision for expert editing. If you want to move the selection, click the **Advanced Editing** button on the lower task bar. Nero Vision is an application in Nero Vision Xtra Nero Multimedia Suite and is automatically installed during the main installation procedure. Please see the separate Nero Vision user manual for full instructions.

**See also**

-  [Burning to Disc → 61](#)
-  [Uploading to Community → 61](#)

## 3 Browsing and Playback

### 3.1 Starting Music Playback (Library or Playlist)

The following requirement must be fulfilled:

- ▶ Desired tracks are available in Nero MediaHub.

To play back tracks, albums or a playlist proceed as follows:

1. If you want to play back tracks or an album:
  1. Click the **Music** library entry in the navigation tree on the left.
    - The music browsing screen is displayed in the stack view. Another double-click changes into the detailed browsing view that is displayed with focus on the first item of a selected stack.
  2. Select the respective stack, album or track you want to play back and click the **Play** button on the lower task bar.
    - Playback is started. Switching to another screen will not stop the playback. A small display in the lower left corner of the main window stays visible and shows the title and play back time. You can click this display to get back to the music browsing screen.
    - If you selected your album from a stack that contains more than one album, the playback is automatically continued with the following album. Likewise, if you selected the check box of a single track in an album, the playback is automatically continued with the following tracks.
2. If you want to play back a playlist:
  1. Click the respective playlist entry in the **Playlists** area of the navigation tree.
  2. Click the **Play** button on the lower task bar.
    - Playback is started. Switching to another screen will not stop the playback. A small display in the lower left corner of the main window stays visible and shows the title and play back time. You can click this display to get back to the **Playlist** screen.
    - You started the playback of your tracks, albums or of a playlist.

**See also**

 [Music Browsing Screen → 14](#)

### 3.2 Starting Audio CD Playback

To play back songs from Audio CD, proceed as follows:

1. Insert the desired Audio CD into the optical disc drive of your computer.
2. Click the **Optical Discs** > **[Disc name]** entry in the navigation tree on the left.
  - The music browsing screen is displayed. The tracks are listed in detailed browsing view.



3. Select the respective tracks that you want to play back and click the **Play** button on the lower task bar.
  - Playback is started.
  - Switching to another screen will not stop the playback. A small display in the lower left corner of the main window stays visible and shows the title and play back time. You can click this display to get back to the music browsing screen.
  - You started the playback of your Audio CD.

**See also**

 [Audio CD Browsing and Playback → 41](#)

### 3.3 Starting Video Playback (Library)

The following requirement must be fulfilled:

- ▶ Desired videos are available in Nero MediaHub.

To play back a video, proceed as follows:

1. Click the **Videos** library entry in the navigation tree on the left.
  - The video browsing screen is displayed in the stack view. Another double-click changes into the detailed browsing view that is displayed with focus on the first item of a selected stack.
2. Select the respective video that you want to play back and click the **Play** button on the lower task bar.
  - Playback is started. The **Playback** screen is displayed.
  - If you selected your video from a stack that contains more than one video, the playback is automatically continued with the following video.
  - You started the playback of your video.

**See also**

 [Video Browsing Screen → 27](#)

 [Video Playback Screen → 31](#)

### 3.4 Starting Blu-Ray Disc Playback



This function is only available with the Nero Blu-ray Disc Playback Plug-in installed on your computer.



Nero Blu-ray Disc Playback Plug-in is automatically included in Nero Multimedia Suite Platinum HD.

---

If you have Nero Vision Xtra , Nero Video Premium HD, or Nero Multimedia Suite regular version installed, the plug-in is not part of Nero MediaHub.

You can always obtain the plug-in at [www.nero.com](http://www.nero.com).

---

To play back a BD-Video, proceed as follows:

- 1.** Insert the desired BD into the optical disc drive of your computer.
- 2.** Click the **Optical Discs > [Disc name]** entry in the navigation tree on the left.
  - ➔ The browsing screen is displayed.
- 3.** Click the **Play** button in the lower task bar.
  - ➔ The **Disc Playback** screen is displayed. The video main menu is displayed on the screen.
- 4.** Click the **Play** button on the lower task bar.
  - ➔ Playback is started.
- 5.** If you want to change the language of the playback or display subtitles, select the **Player menu** button > respective entry on the lower right of the screen.
- 6.** If you want to play back a specific chapter, select the **Player menu > Go to Title(s) > [Desired chapter]** entry on the lower right of the screen.
  - ➔ You started the playback of your BD-Video.

#### See also

 [Blu-ray Playback → 38](#)

## 4 Creating and Editing

### 4.1 Creating a Playlist

The following requirement must be fulfilled:

- ▶ Desired tracks are available in the **Music** library.

To create a playlist in Nero MediaHub, proceed as follows:

- 1.** Click the **Music** library entry in the navigation tree on the left.
  - The music browsing screen is displayed in the stack view.
- 2.** Double-click the stack that contains the tracks you want to add to your playlist.
  - A detailed browsing view is displayed with focus on the first item. All other items of the selected stack are listed below, a scrollbar on the right screen margin enables you to scroll the detailed browsing view.
- 3.** Hover the mouse pointer over an item you want to add to your playlist.
  - A check box is displayed in the rightmost table column.
- 4.** Select the check box to select the item.
- 5.** Repeat the last steps to make your selection.



If you want to add a whole album to your playlist, click the cover art and all album items will be selected. If you want to add whole stacks to your playlist, stay in the stack view of the browsing screen and select the check box to select the desired stack.

- 6.** Click the **Create music playlist** button on the lower task bar.
  - A window is opened.
- 7.** Enter a name for your new playlist in the input field and click the **OK** button.
  - The new playlist is displayed, the content is shown in a numbered order (the order you added the single tracks or albums to the list). A new entry is added to the **Playlists** area of the navigation tree.
- 8.** If you want to add more tracks to your playlist:
  - 1.** Return to the music browsing screen.
  - 2.** Drag a desired track, a selection of tracks, an album or a stack from the browsing screen and drop it to the respective playlist entry on the navigation tree.
- 9.** If you want to change the order of the tracks in your playlist, drag single tracks and drop them to the desired position.
  - You created a playlist from an individual selection of tracks. You can now start the playback or publish your project.

**See also**

 [Music Browsing Screen → 14](#)

## 4.2 Creating a Slide Show

The following requirement must be fulfilled:

- ▶ Desired photos are available in the **Photos** library.

To create a slide show in Nero MediaHub, proceed as follows:

- 1.** Click the **Photos** library entry in the navigation tree on the left.
  - The photos browsing screen is displayed in the stack view.
- 2.** Double-click the stack that contains the photos you want to add to your slide show.
  - The detailed browsing view is displayed with focus on the first item. All other items of the selected stack are listed below, a scrollbar on the right screen margin enables you to scroll the detailed browsing view. If you place the mouse pointer on an item, a preview is shown. It will fade out when you move the mouse pointer away.
- 3.** Hover the mouse pointer over an item that you want to add to your slide show.
  - A check box is displayed in the upper left corner.
- 4.** Select the check box to select the item.
- 5.** Repeat the last steps to make your selection.



If you want to add whole stacks to your slide show, stay in the stack view of the browsing screen and select the check box to select the desired stacks.

- 6.** Click the **Create Slide Show** button on the lower task bar.
  - A window is opened.
- 7.** Enter a name for your new slide show in the input field and click the **OK** button.
  - The new slide show is displayed in the **Slideshow** screen. The thumbnail strip shows all items you selected. You can navigate through the items of the thumbnail strip using the ◀ and ▶ buttons.
- 8.** If you want to add more items to the slide show:
  - 1.** Click the **Add photo and video to the slide show** button.
    - The **Add files to slide show** window is opened.
  - 2.** Choose the desired photos or videos and click the **Add** button.
  - 3.** Click the **Close** button.
    - The photos or videos are added to the end of the slide show.
- 9.** If you want to change the order of the items in your slide show, drag any thumbnail on the strip and drop it to the desired position.
- 10.** If you want to personalize your slide show, choose your preferred slide show theme in the **Personalize Slide Show** area. (Proceed as described in the **Personalize Your Slide Show** chapter.)



If you want to add a whole album to your playlist, click the cover art and all album items will be selected. If you want to add whole stacks to your playlist, stay in the stack view of the browsing screen and select the check box to select the desired stack.

➔ You created a slide show. You can now start the playback or publish your project.

#### See also

- 📖 [Slide Show Screen](#) → 35
- 📖 [Photo Browsing Screen](#) → 19
- 📖 [Video Browsing Screen](#) → 27
- 📖 [Personalize Your Slide Show](#) → 53

## 4.3 Personalize Your Slide Show

The following requirement must be fulfilled:



- ▶ Desired photos or videos are opened in the **Slide show** screen.

To personalize your slide show in Nero MediaHub, proceed as follows:

1. Click the **Themes** button in the **Personalize Slide Show** area on the left of the **Slide show** screen.
  - ➔ The **Personalize slide show** window is opened with the **Themes** tab displayed. Three tabs are available in the window, corresponding to the buttons in the **Personalize Slide Show** area. You can choose from the various templates, add titles or adapt the volume of the background music.
2. Choose a template on the left of the **Themes** tab.
  - ➔ An animated preview is shown on the upper right of the tab.
3. If you want to enable the pan-and-zoom effect for slides, select the respective check box. The check box is selected by default.
4. Click the **Titles** tab.
  - ➔ The tab is displayed.
5. Add your desired text for the intro title into the **Opening title** input field. Other text attributes such as font and alignment are defined by the template and cannot be modified.
6. Add your desired text for the outro text into the **Closing title** input field. Other text attributes such as font and alignment are defined by the template and cannot be modified.
7. Click the **Music and Duration** tab.
  - ➔ The tab is displayed.
8. If you want to change the display duration of still pictures in your slide show, add the desired duration into the input field. Default duration is 3 seconds.

- 9.** If you want to specify the volume level of the audio added by the template in contrast to the volume level of all other audio tracks which are already available in the timeline (e.g. sound of video file), move the slider in the **Volume mixer** area. If you do not move the slider, both **Video sound** and **Theme music** have the same audio level.  
If you prefer to mute the theme music, select the check box below.
- 10.** Click the **OK** button.
- All changes are added to the slide show.
  - You have personalized your slide show.

**See also**

-  [Creating a Slide Show → 52](#)
-  [Personalize Slide Show Window → 37](#)

## 4.4 General Editing of Photos

The following requirement must be fulfilled:

- ▶ The desired photos are available in the **Photo** library.

To edit and enhance photos in Nero MediaHub, proceed as follows:

- 1.** Click the **Photos** library entry in the navigation tree on the left.
  - The photo browsing screen is displayed in the stack view.
- 2.** Double-click the stack that contains a photo you want to edit.
  - The detailed browsing view is displayed with focus on the first item. All other items of the selected stack are listed below, a scrollbar on the right screen margin enables you to scroll the detailed browsing view. If you place your mouse pointer on an item, a preview is shown. It will fade out when you move the mouse pointer away.
- 3.** Select the item you want to edit.
- 4.** Click the **Edit** button on the lower taskbar.
  - The **Editing Photos** screen is displayed. A preview of the preselected item is displayed in the content area.



If you place the mouse pointer in the upper third of the content or editing area, a thumbnail strip is faded in. The thumbnail strip shows all items you selected in the photo browsing screen (check box selected). If you selected only one item, the thumbnail strip shows the photos of the corresponding group. If a photo is marked as favorite, a star icon is displayed in the lower right corner of the respective thumbnail. You can navigate through the items of the thumbnail strip using the ◀ and ▶ buttons. Click a thumbnail to choose the respective photo and display it in the content area.

- 5.** Click the **Auto enhance** button on the lower taskbar.



- The quality of the selected photo is automatically improved, based on terms of reference.
- 6.** If you want to additionally adjust a photo by means of cropping or adding effects, choose the respective editing option from the lower taskbar.
- 7.** Click the back button in the upper left of the screen to return to the previous screen.
  - All changes are automatically saved to your photo.
  - You edited and enhanced a photo.

**See also**

- 📖 [Removing Red Eyes → 55](#)
- 📖 [Adding Effects to Photos → 55](#)
- 📖 [Cropping a Photo → 56](#)
- 📖 [Photo Editing → 22](#)
- 📖 [Photo Browsing Screen → 19](#)

## 4.5 Removing Red Eyes

The following requirement must be fulfilled:

- ▶ The desired photo is opened for editing in the **Editing Photos** screen.

To remove red eyes from a photo, proceed as follows:

- 1.** Click the **Red Eye Removal** button on the lower task bar.
  - The **Red Eye Removal** window is opened. The mouse pointer is changed into a cross.
- 2.** Press the left mouse button and keep it pressed to define the size and position of the rectangle around the affected area of the photo.
- 3.** Release the mouse button to apply the effect.
  - The red eyes are removed automatically.
  - All changes are automatically saved to the photo.
  - You have removed red eyes from a photo.

**See also**

- 📖 [General Editing of Photos → 54](#)

## 4.6 Adding Effects to Photos

The following requirement must be fulfilled:

- ▶ The desired photo is opened for editing in the **Editing Photos** screen.

To add an effect to a photo, proceed as follows:

- 1.** Click the **Modify** button on the lower task bar.

- The **Modify** window is opened.
- 2.** Click the **Effects** tab.
  - Color and editing effects are listed.
- 3.** If you want to see a preview of an effect, place the mouse pointer on an effect thumbnail.
  - A preview of the result is displayed in the **Editing Photos** screen.
- 4.** Click the respective thumbnail to actually apply the desired effect.
  - The effect is added to the photo.
  - You added an effect to a photo.

#### See also

 [General Editing of Photos → 54](#)

## 4.7 Cropping a Photo

The following requirement must be fulfilled:

- ▶ The desired photo is opened for editing in the **Editing Photos** screen.

To crop your photo, proceed as follows:

- 1.** Click the **Crop** button on the lower task bar.
  - The **Crop** window is opened. A rectangle is displayed in the content area. You can choose from several templates that are defining the aspect ratio of a crop frame. You can also change the size of your item manually.
- 2.** If you want to choose a defined format:
  - 1.** Select the respective entry from the drop-down menu.
    - The highlighted rectangle in the content area is adapted.
    - If appropriate, an additional **Landscape/Portrait** button is displayed in the **Crop** window.
  - 2.** If you want to rotate the cropping frame from horizontal to upright or vice versa, click the **Landscape/Portrait** button.
    - The highlighted rectangle is adapted.
- 3.** If you want to crop manually:
  - 1.** Choose the **Manual** entry from the drop-down menu.
    - A highlighted rectangle is displayed in the content area.
  - 2.** Hover the mouse pointer over an angle of the cropping frame.
    - The mouse pointer changes into a cropping tool.
  - 3.** Click, hold, and move the cropping tool to adjust the size of the rectangle and cropping frame.
  - 4.** Click and hold the rectangle and move the cropping frame to the desired position in the content area.
    - The highlighted rectangle is adapted.

4. Click the **Apply** button.
  - The item is cut to the size of the highlighted rectangle.
5. Click the back button in the upper left of the screen to return to the previous screen.
  - All changes are automatically saved to the photo.
  - You have cropped a photo.

**See also**

 [General Editing of Photos → 54](#)

## 5 Importing from Discs and Devices

### 5.1 Importing from Device

If you connect a mobile device such as a digital camera (DSC) or AVCHD camcorder to your computer, Nero MediaHub automatically offers the simple import of your files like photos or videos. It doesn't matter whether the device is known to the Nero device database.

To import media files from the selected source, proceed as follows:

1. Connect the device to your computer.
2. Click the **Devices** > **[Device name]** entry in the navigation tree on the left.
  - The device browsing screen is displayed.
3. If you want to change the title of the new folder that will be created for the new media files, enter the desired name into the **Folder name** input field in the **Import** area of the screen. By default the folder is named for the current date.
4. If you want to check or change the import options (i.e. the target directories):
  1. Click the **Import Options** button.
  2. The **Options** window is opened with the import options displayed. If you import files to the library, the files you import will be copied to the folders you choose in this area.
  3. If you want to change any storage directory, click the respective **Browse** button to browse it.
  4. Click the **OK** button.
    - All files will be imported by default.
5. If you want Nero MediaHub to import files only from the camera folder (DCIM) of your connected device and if you want to erase the original files from the device after the import, select the respective option button and check box.
6. Click the **Import** button.
  - The importing process is started. A status bar is displayed in the lower left of the main window to show the progress of the importing process.
  - When the importing process is successfully completed, the files are automatically displayed in the respective browsing screen.
  - You have imported media files from the selected source.

#### See also

 [Devices](#) → 42

## 5.2 Setting Up Device with Nero Move it Plug-in



This function is only available with the Nero Move it Plug-in installed on your computer.



Nero Move it Plug-in is automatically included in Nero Multimedia Suite Platinum HD. If you have Nero Vision Xtra, Nero Video Premium HD, or Nero Multimedia Suite regular version installed, the plug-in is not part of Nero MediaHub.

You can always obtain the plug-in at [www.nero.com](http://www.nero.com) to get maximum multimedia flexibility between your devices.

If your connected device is not automatically recognized by the Nero Move it Plug-in, a wizard guides you through an easy setup to make it work.

The following requirement must be fulfilled:



- ▶ The Nero Move it Plug-in is installed on your computer.

To set up your connected device, proceed as follows:

- 1.** Connect the device to your computer.
- 2.** Click the **Devices > [Device name]** entry in the navigation tree on the left.
  - The device browsing screen is displayed.
- 3.** Click the **Setup** button in the upper right of the screen.
  - The **Device Setup** window is opened with the first screen **Step 1 of 5 – Enter Name** displayed.
- 4.** Enter a desired name for the connected device in the **Device Name** input field.
- 5.** Click the **Next** button.
  - The device is scanned for music and the **Step 2 of 5 – Music** screen is displayed.
- 6.** If the wizard found the correct folder, just click **Next** to approve and continue.
- 7.** If you want to change the folder:
  - 1.** Click the **Browse** button.
    - The **Select path manually** window is opened.
  - 2.** Select the folder and click the **OK** button.
  - 3.** Click the **Next** button.
    - The device is scanned for photos and the **Step 3 of 5 – Photos** screen is displayed.
- 8.** If the wizard found the correct folder, just click **Next** to approve and continue.
- 9.** If you want to change the folder:
  - 1.** Click the **Browse** button.
    - The **Select path manually** window is opened.
  - 2.** Select the folder and click the **OK** button.

3. Click the **Next** button.
  - The device is scanned for videos and the **Step 4 of 5 – Videos** screen is displayed.
10. If the wizard found the correct folder, just click **Next** to approve and continue.
11. If you want to change the folder:
  1. Click the **Browse** button.
    - The **Select path manually** window is opened.
  2. Select the folder and click the **OK** button.
  3. Click the **Next** button.
    - The **Step 5 of 5 – For General** screen is displayed.
    - From now on photos, music and videos will be copied to your device in the matching format that has just been analyzed. The option button for transcoding media in the best found format is selected by default.
12. If you prefer to copy media without transcoding, select the respective option button.
13. Click the **Next** button.
  - The **Finish** screen is displayed.
14. Click the **Finish** button.
  - You have set up your device.

**See also**

-  [Devices → 42](#)
-  [Nero Move it Plug-in → 44](#)

## 5.3 Ripping from Audio CD

To rip single tracks or a whole album from CD, proceed as follows:

1. Insert the respective Audio CD into the disc drive of your computer.
2. Click the **Optical Discs** entry and choose the respective disc drive entry in the navigation tree on the left.
  - The Audio CD browsing screen is displayed.
3. Select the respective tracks or the whole album and click the **Start ripping from CD** button on the lower task bar.
  - The ripping process is started. Switching to another screen will not stop the ripping. A small display in the lower left corner of the main window stays visible and shows the progress.
  - When the ripping is completed, the library is being updated.
  - You have saved single tracks or a whole album from CD to your computer.

**See also**

-  [Audio CD Browsing and Playback → 41](#)



## 6 Publishing

### 6.1 Burning to Disc

The following requirement must be fulfilled:

- ▶ The desired playlist or slide show project is available in the respective browsing or editing screen.

To burn a playlist or a slide show project to disc, proceed as follows:

1. Click the **Publish** button on the lower task bar.
  - The **Publish** screen is displayed. The upper area shows the content of your compilation. In the lower area of the screen different ways to publish the project content are offered.
2. Click the tab of the respective recorder.
  - The respective setting options are displayed.
3. Choose the target disc type from the **Compilation type** drop-down menu.
4. Click the **Burn** button in the lower right of the tab.
  - The burning process is started. A status bar is displayed to show the progress of the publishing process.



Instead of publishing your project in Nero MediaHub you can move the unfinished compilation to Nero Vision for expert editing. If you want to move the selection, click the **Advanced Editing** button on the lower task bar.

- You have published single files or collections.

#### See also

 [Publish Screen → 45](#)

### 6.2 Uploading to Community

The following requirement must be fulfilled:

- ▶ The desired file or project is available in the **Publish** screen.

To upload a file or project to an Internet community, proceed as follows:

1. Click the **Upload to community** tab in the lower area of the screen.
  - The tab is displayed.
2. Click the **Upload** button in the lower right of the tab.
  - The **Nero Community Upload** window is opened.
3. Choose your preferred Internet community in the upper area of the screen.

- The tab is displayed on that you can activate the respective community features.
- 4.** Enter your account data and click the **Login** button.
  - The respective setting options are displayed.
- 5.** Add all expected and your desired metadata into the input fields.
- 6.** Click the **Upload** button.
  - The uploading process is started.
  - You have uploaded a file or a project to an Internet community.

**See also**

 [Publish Screen → 45](#)

## 7 Technical Information

### 7.1 System Requirements

Nero MediaHub is part of the Nero product you have installed. Its system requirements are the same. Detailed system requirements of this and all other Nero products can be found in the Support section on our Web site [www.nero.com](http://www.nero.com).

### 7.2 Supported Formats and Codecs

#### 7.2.1 Audio Formats and Codecs

- Moving Picture Experts Group-2 Audio Layer 1/2 (M2A)
- Moving Picture Experts Group-1 Audio Layer 2 (MP2, MP2A, MPA, MPA2)
- Monkey's audio (APE)
- Matroska (MKA)
- Advanced Audio Coding (AAC, M4A, MP4)
- Audio Interchange File Format (AIFF, AIF)
- Compact Disc Digital Audio (CDA)
- Dolby Digital (AC3)
- Moving Picture Experts Group-1 Audio Layer 3 (MP3)
- Moving Picture Experts Group - 1 Audio Layer 1/2/3 (MPA)
- Resource Interchange File Format WAVE (WAV, WAVE)
- Windows Media Audio (WMA)
- Free Lossless Audio Codec (FLAC)
- LC-AAC/HE-AAC (MP4, M4A, QT, MOV)
- OGG Vorbis (OGG, OGA)

#### 7.2.2 Video Formats and Codecs

- Windows Media Center (WTV)
- Digital Video (DV, DVSD)
- Moving Picture Experts Group-1 (MPE, MPEG, M1V, MPV2, MP2V)
- Moving Picture Experts Group-4 (MP4, M4V)
- Moving Picture Experts Group-2 (MPG, MPEG, MTS, M2T, M2TS, M2P, M2V, DAT, TRP, TOD, TS)
- Advanced Streaming Format (ASF)
- Audio Video Interleave (AVI)

- Advanced Video Coding/H.264 (BSF)
- AviSynth (AVS)
- Backup File of the IFO (BUP)
- DVD Movie Info (IFO)
- Flash Video (FLV)
- Hard Disc Camera Movie (MOD)
- Matroska (MKV)
- Micro MV (MMV)
- Microsoft Digital Video Recording (DVR-MS)
- Digital Video Express (DIVX)
- OGG Vorbis (OGG, OGM)
- QuickTime Movie (MOV)
- 3rd Generation Partnership Project (3GP, 3G2)
- Video Object (VOB)
- Motion Joint Photographic Expert Group (MJPEG)

### 7.2.3 Image Formats

- Bitmap (BMP)
- Graphics Interchange Format (GIF)
- Portable Network Graphics (PNG)
- Tagged Image File Format (TIFF, TIF)
- Joint Photographic Expert Group (JPEG, JPG, JPE, LJP)

## 7.3 Keyboard Shortcuts

The following shortcuts for entering keyboard commands are available in Nero MediaHub.

The following **General** key combinations are available:

<b>F1</b>	Opens help.
<b>[Shift+F10]</b>	Opens context menu.
<b>Tab</b>	Moves to next control.
<b>[Shift+Tab]</b>	Moves to previous control.
<b>[Alt+Page down] / [Alt+F4]</b>	Opens selected drop-down menu.

<b>[Alt+Page up] / [Alt+F4]</b>	Closes selected drop-down menu.
<b>[Ctrl+S]</b>	Stops current active playback.
<b>[Ctrl+P]</b>	Starts/pauses playback.
<b>[Ctrl+B]</b>	Skips to previous in current active playback.
<b>[Ctrl+N]</b>	Skips to next in current active playback.
<b>[Ctrl+D]</b>	Opens <b>Options</b> window.
<b>[Ctrl+Shift+B]</b>	Switches to background audio.
<b>[Ctrl+F]</b>	Selects the input field of the search box.
<b>F10</b>	Displays/closes <b>Publish</b> screen.
<b>[Ctrl+Plus]</b>	Volume up.
<b>[Ctrl+Minus]</b>	Volume down.
<b>[Ctrl+M]</b>	Mutes volume.
<b>[Ctrl+Page up]</b>	Opens <b>More</b> menu.
<b>F12</b>	Opens additional functionalities pop-up menu.
<b>Space</b>	Matches a click with the left mouse button: Launches the action of a selected button, selects or deselects items or stacks.
<b>Enter</b>	Plays or shows items. Executes buttons. For stacks: One level down.
<b>[Ctrl+W]</b>	Shows storage path in Windows Explorer.

The following keyboard combinations are additionally available on the navigation tree:

<b>Page up / Page down</b>	Moves selection rectangle.
<b>Right arrow key</b>	Displays subentries of a selected entry.
<b>Left arrow key</b>	Hides subentries of a selected entry.
<b>Backspace</b>	Navigates one level up.
<b>Enter</b>	Opens selected group.

The following keyboard combinations are additionally available in the browsing screens:

<b>[Ctrl+I]</b>	Opens <b>Import</b> window.
<b>[Ctrl+A]</b>	Selects all.
<b>Arrow keys</b>	Moves selection rectangle.
<b>[Ctrg+scroll]</b>	Zooms in or out.
<b>Del</b>	Deletes item or stack.
<b>F2</b>	Renames selected item.
<b>F3</b>	Creates empty playlist or slide show.
<b>F6</b>	Opens/closes the <b>Media Info</b> pop-up area.
<b>Home</b>	Moves to the top of a content list.
<b>End</b>	Moves to the bottom of a content list.
<b>[Ctrl+T]</b>	Marks selected item as favorite.
<b>[Ctrl+R]</b>	Rotates clockwise.
<b>[Ctrl+Shift+R]</b>	Rotates counter-clockwise.

The following keyboard combinations are additionally available in the **Photo Editing** screen:

<b>M</b>	Opens/closes the <b>Modify</b> window.
<b>[Ctrl+scroll]</b>	Zooms in or out.
<b>[Ctrl+Z] / [Alt+Shift+Backspace]</b>	Redo.
<b>[Ctrl+Y] / [Alt+Backspace]</b>	Undo.
<b>Left arrow key</b>	Shows previous photo.
<b>Right arrow key</b>	Shows next photo.



<b>[Ctrl+T]</b>	Marks selected item as favorite.
<b>[Ctrl+R]</b>	Rotates clockwise.
<b>[Ctrl+Shift+R]</b>	Rotates counter-clockwise.

The following keyboard combinations are additionally available in the **Video Playback** screen:

<b>Enter</b>	Starts/pauses playback in fullscreen mode.
<b>L</b>	Changes language.
<b>A</b>	Changes aspect ratio.
<b>F11</b>	Toggles between full screen and window view.
<b>[Ctrl+O]</b>	Opens file on HDD.
<b>O</b>	Toggles between OSD on/off.
<b>R</b>	Rewinds. Rewinds slow in pause mode.
<b>F</b>	Fast forwards. Fast forwards slow in pause mode.
<b>P</b>	Starts/pauses playback
<b>S</b>	Stopp current active playback.

The following keyboard combinations are additionally available for disc handling:

<b>Arrow keys</b>	Moves selection within disc menu.
<b>[Ctrl+G]</b>	Goes to [time].
<b>G</b>	Changes angle.
<b>[Ctrl+E]</b>	Ejects disc.
<b>Page up</b>	Goes to next chapter.
<b>Page down</b>	Goes to previous chapter.
<b>[Ctrl+U]</b>	Opens advanced BD controls.
<b>X, C, V, B</b>	Red, Green, Yellow and Blue.
<b>Q</b>	Shows Blu-Ray pop-up menu.

<b>D</b>	Goes to root menu.
<b>[Ctrl+left]</b>	Skips previous title.
<b>[Ctrl+right]</b>	Skips next title.

The following keyboard combinations are additionally available in the **Music Playback** screen:

<b>[Ctrl+Shift+C]</b>	Changes to <b>Repeat</b> mode.
<b>[Ctrl+Shift+S]</b>	Shuffle.

The following keyboard combinations are additionally available in the **Slideshow** screen:

<b>F5</b>	Opens the <b>Add file</b> window.
<b>P</b>	Starts/pauses playback
<b>S</b>	Stopps current active playback.
<b>[Ctrl+R]</b>	Rotates clockwise.
<b>[Ctrl+Shift+R]</b>	Rotates counter-clockwise.

## 8 Index

- Advanced editing..... 36, 47, 61
- Apple Device ..... 14
- Audio CD..... 48
- Audio settings..... 13
- Auto enhance ..... 24, 25, 54
- Auto exposure ..... 25
  
- Background audio ..... 11
- BD-Video..... 50
- Blu-ray..... 39, 50
- Blu-ray Playback ..... 39
- Browsing
  - Music..... 14
  - Photo..... 19
  - Video ..... 27
- Burning a playlist..... 61
- Burning a slide show..... 61
- Burning to disc ..... 20, 46, 61
  
- CD Info ..... 42
- Changing order ..... 52
- Closing title..... 38
- Color effects..... 25
- Connected devices ..... 11
- Control bar ..... 26, 33
- Conventions, manual ..... 5
- Creating
  - New playlists..... 11
- Creating playlist..... 15, 51
- Creating slide show..... 20, 29, 52
- Crop frame ..... 24
- Cropping manually ..... 24, 56
- Cropping photo..... 56
  
- Delete..... 18, 22, 26, 30, 33, 40, 42
- Detailed browsing..... 14, 19, 28
- Detailed browsing view ..... 41, 48, 52, 54
- Device setup ..... 59
  
- Devices..... 11
- Disc type..... 46, 61
- Drive information ..... 46
- Duration..... 38
  
- Edit Song Information..... 18
- Editing effects..... 25
- Editing photo ..... 22, 36, 54, 55, 56
- Editing photos ..... 55
- Enhance ..... 24, 54
- Exporting to hard disc ..... 20
  
- Feature limitations..... 6
- Fit to screen ..... 23, 32
- Full version..... 5
- Fullscreen..... 23, 26, 32, 33, 36
- Functional range ..... 6
  
- Get CD Information ..... 42
- Get Meta Data..... 17
- Get Song Information ..... 17
- Gracenote..... 17, 18, 42, 42
- Gracenote Playlist ..... 17
  
- Help file ..... 10
  
- Import options ..... 13, 58
- Importing ..... 13
- Importing from AVCHD camcorder ..... 58
- Importing from device..... 11, 58
- Importing from digital camera..... 58
- Importing media files ..... 58
- Instant slide show..... 19, 24, 28
- Instant slide show playback ..... 26, 33
  
- Library ..... 10, 13

Manual, conventions ..... 5  
 Media info ..... 18, 21, 30  
 Modify photo ..... 24  
 More From This ..... 17  
 Music browsing ..... 14, 48, 51  
 Mute ..... 16, 27, 32, 34  
  
 Navigation tree ..... 9  
 Nero Move it Plug-in ..... 11, 14, 59  
  
 Opening title ..... 38  
 Optical disc drives ..... 11  
 Optical discs ..... 11  
 Optical Discs ..... 31, 39, 41, 41  
 Options ..... 10, 12  
  
 Pan and zoom effect ..... 37  
 Personal settings ..... 12  
 Personalize slide show ..... 37  
 Photo browsing ..... 19, 52, 54  
 Photo settings ..... 13  
 Photo strip ..... 23  
 Playback ..... 11, 29, 31, 48, 48, 49, 50  
 Playlists ..... 11  
 Preview ..... 19, 28, 35, 52  
 Publish ..... 17, 20, 29, 32, 36, 46, 61  
  
 Random playback ..... 16  
 Red eye removal ..... 24, 55  
 Removing red eyes ..... 24, 55  
 Renaming title ..... 21, 30  
 Repeating title ..... 16  
 Ripping from CD ..... 60  
 Rotating photo ..... 21, 25, 27, 34, 36  
  
 Searching ..... 16, 20, 29  
 Setup options ..... 10, 12  
 Show Apple Device ..... 14  
 Slide duration ..... 38

Slide show ..... 10, 19, 37, 52  
 Slide show settings ..... 13  
 Sorting ..... 52  
 Sorting options ..... 16, 20, 29  
 Split view ..... 23  
 Splitting screen ..... 23  
 Starting  
     Playback ..... 11  
 Starting instant slide show ..... 24, 28  
 Starting playback... 14, 29, 31, 36, 48, 48, 49, 50  
 System requirements ..... 63  
  
 Thumbnail strip ..... 22, 35, 52  
  
 Uploading to community ..... 46  
  
 Versions ..... 5  
 Video browsing ..... 27, 49  
 Video playback ..... 26, 33  
 Video settings ..... 13  
 Visual impression ..... 25  
 Volume ..... 16, 27, 32, 34  
  
 Zoom ..... 15, 20, 23, 29

## 9 Contact

Nero MediaHub is a Nero AG product.

### Nero AG

Im Stoeckmaedle 18  
76307 Karlsbad  
Germany

**Internet:** [www.nero.com](http://www.nero.com)  
**Help:** <http://support.nero.com>  
**Fax:** +49 724 892 8499

### Nero Inc.

330 N Brand Blvd Suite 800  
Glendale, CA 91203-2335  
USA

**Internet:** [www.nero.com](http://www.nero.com)  
**Help:** <http://support.nero.com>  
**Fax:** (818) 956 7094  
**E-mail:** [US-CustomerSupport@nero.com](mailto:US-CustomerSupport@nero.com)

### Nero KK

Rover Center-kita 8F-B, 1-2-2  
Nakagawa-chuou Tsuzuki-ku  
Yokohama, Kanagawa  
Japan 224-0003

**Internet:** [www.nero.com](http://www.nero.com)  
**Help:** <http://support.nero.com>

Copyright © 2010 Nero AG and its licensors. All rights reserved.