



Nero MediaStreaming for MCE Manual

Nero AG



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1 General information

1.1 Conventions of the manual

In order to make best use of this manual, please note the following conventions:

Symbol	Meaning
	Indicates warnings, preconditions or instructions that have to be followed strictly.
	Indicates additional information or advice.
1. Start ...	A number at the beginning of a line indicates a request for action. Carry out these actions in the order specified.
	Indicates an intermediate result.
	Indicates a result.
OK	Indicates text passages or buttons that appear in the program interface. They are shown in bold face.
<u>Chapter</u>	Indicates references to other chapters. They are executed as links and are shown in red and underlined.
[...]	Indicates keyboard shortcuts for entering commands.

1.2 About Nero MediaStreaming - the plug-in for MCE

You can use Nero MediaStreaming to stream music and video files in your collection as well as the current TV program from one computer to another in real-time over your local (wireless) network using the MCE interface of Windows® XP Media Center Edition (MCE). Nero MediaHome acts as the media server in this process and only the Nero MediaStreaming plug-in is required on the client computers.

In this way for example, you can access the media archive on an another computer from the MCE computer connected to the TV set and retrieve the videos stored there.

If you have connected an Xbox to your TV set, you can also use this to reach a remote MCE computer with a media archive to show videos on the TV screen.



If you have connected an MCE PC to the TV connector, you can of course also access the video collection on the remote MCE computer or the current TV program from other MCE clients such as your laptop, for example.

2 Technical information

2.1 System requirements for the MCE PC

2.1.1 Operating system

- Windows Vista™ Media Center
- Windows® XP Media Center Edition 2005 Rollup 2



Successor versions of Windows® XP Media Center Edition 2005 require a web update of Nero MediaStreaming that will be available under www.nero.com on the given date.



Please note that Rollup 2 for Media Center Edition is not included in every automatic update of Windows® XP Media Center Edition 2005. You may have to download and install it separately.

2.1.1.1 Processor

- At least 1.6 GHz or equivalent processor, 256 MB RAM

2.1.2 Display settings

- Graphics card with overlay support, at least 8 MB video memory, minimum resolution of 800x600 pixels and 16-bit color settings. However, 24-bit or 32-bit true color is recommended. Installation of the latest WHQL certified device driver is recommended.

2.1.3 Sound settings

- 16-bit Microsoft® Windows® compatible sound card and speakers. Installation of the latest WHQL certified device driver is recommended.

2.1.4 DirectX

- Microsoft® DirectX 9.0c or later.

2.1.5 Media server

- Nero MediaHome server on at least one computer in the local network.

2.1.6 Browser

- Microsoft® Internet Explorer 5.0 or later.

3 Installing Nero MediaStreaming

When Nero 7 is being installed, the Nero MediaStreaming MCE plug-in is automatically installed simultaneously if Windows Vista™ Media Center or Windows® XP Media Center Edition 2005 Rollup 2 (and later) is already installed on the computer.

With a custom installation, however, you may exclude Nero MediaStreaming from the installation. In this case, you can install Nero MediaStreaming later on using Nero ProductSetup. To do this, proceed as follows:

1. Close all non-essential Windows® applications and close any anti-virus software which may be running.
2. Open Nero StartSmart.
3. In the extended Nero StartSmart area select **Nero Toolkit > Nero ProductSetup**.
 - ➔ The **Nero ProductSetup** screen will appear.
4. Select the **Setup** menu icon.
5. Click on the **Change** button.
 - ➔ The Nero 7 Installation Wizard is displayed with its initial screen – **Custom Installation**.
6. Click on the + icon in front of the **Special Applications** entry.
7. Open the **Special Features** entry.
8. Right-click in the list of Nero applications on the **Nero MediaStreaming Plugin** entry.
 - ➔ The context menu opens.
9. Select the entry **This feature, and all subfeatures, will be installed on the local hard drive**.
 - ➔ The entry is now no longer indicated by a red x, but just like all of the other highlighted applications by a drive icon.
10. Click on the **Next** button.
 - ➔ The **Installing Nero 7** screen is displayed and keeps you informed about the progress of the installation process. The **Settings** screen is then automatically displayed.
11. Click on the **Next** button.
 - ➔ A dialog box is displayed informing you that Windows® has to be restarted.
12. Click on the **Yes** button.
 - ➔ Your computer is restarted.
Nero MediaStreaming is installed and Nero StartSmart is displayed again.

4 Nero MediaStreaming in Windows® Media Center

On an MCE computer, the Nero MediaStreaming plug-in is automatically available in the Windows Media Center under the Other Programs menu as soon as the Nero suite has been installed.



This section describes how to control Nero MediaStreaming using the PC keyboard and the mouse. If you are operating the Windows Media Center by remote control, refer to the operating instructions for your remote control and the directions in the program.

4.1 Launching Nero MediaStreaming

The following conditions must be fulfilled before you can start working with Nero MediaStreaming:

- Nero MediaHome must be installed on at least one computer in the network.
- The Nero MediaHome server must be started.
- The drives and folders containing the media files that you want to access must be shared on the MediaHome server.



For further information on working with Nero MediaHome please refer to the relevant manual, which is available as a PDF file at www.nero.com.

To start Nero MediaStreaming, proceed as follows:

1. Start Microsoft® Windows Media Center Edition.
 - ➔ The start screen for the Media Center will appear.
2. If you are using Windows® XP, click on the More Programs button.
 - ➔ The menu icon **Nero MediaStreaming** is displayed.
3. If you use Windows Vista™:
 1. Click on the **Online Media** button.
 2. Click on the **Programs** button
 - ➔ The **Program Library** is displayed.
 3. Click on the **Nero Plug-ins** button.
 - ➔ The menu icon Nero MediaStreaming is displayed.



If you use Windows Vista™, the Nero Plug-ins button is normally already available in the start screen. However, it is possible that this will be hidden if you install extra MCE-Plugins.

4. Click on the Nero MediaStreaming menu icon.
 - ➔ The **Nero MediaStreaming** screen appears showing the search for a Nero MediaHome server and then the server found is displayed.
5. Double-click on the button of the server you want
 - ➔ The **Nero MediaHome** screen appears providing buttons for all media types available on the selected Nero MediaHome server.

5 Nero MediaStreaming start screen

The following input options are available in the **Nero MediaHome** screen:

Menu icons	
TV Channels	Opens the TV Channels screen where you can select from amongst the available TV channels (see TV Channels screen).
Music	Opens the Music screen where you can select the music tracks you want to play (see Music screen).
Video	Opens the Video screen where you can select the video title you want to play (see Videos screen).
Collections	Opens the Collections screen where you can select the media collections you want to play (see Collections screen).
Photos	Opens the Photos screen where you can select the photos you want to show (see Photos screen).

Buttons	
Arrow keys	Navigate up and down through the menu icons on the screen. The digits to the left explain which button has just been selected from the many available buttons.



The Windows® XP Media Center control bar appears at the bottom of the screen for controlling playback of the different media. You can use this to scroll through TV programs, to start or stop playback of music or videos, to adjust the volume, and to turn the sound on or off.

6 TV Channels screen

In the TV Channels screen you can select the program you want.



You can receive a TV program on as many screens as there are computers with active Nero MediaHome servers connected to TV cables. If you are using a satellite receiver, it is only possible to receive the TV program on one screen.

To do this, proceed as follows:

1. Double-click on the button of the station you want.
 - ➔ The program currently showing on the selected station is displayed.



You can switch programs using the **ch** toggle switch in the Windows® XP Media Center control bar.

7 Music screen

In the Music screen you can select the music tracks from your media collection which you have shared on the selected Nero MediaHome server.

The music files are displayed sorted **by artist, by album** or **by genre**. The files **last added** and **last listened to** are available in separate folders.

To listen to music, proceed as follows:

1. Double-click on the button of the folder containing the music you want.
 - The relevant folder is displayed.
2. Double-click on the music file you want.
 - The selected piece of music is played. The relevant Windows® XP Media Center screen is displayed.



The Windows® XP Media Center control bar appears at the bottom of the screen for controlling playback. You can use this to pause or replay the selected piece of music, to adjust the volume, and to turn the sound on or off.

8 Videos screen

In the **Videos** screen you can select the video titles from your media collection which you have shared on the selected Nero MediaHome server.

The video files are displayed sorted **by album** or **by date**. The files **last added** and **last watched** are available in separate folders.

To watch a video, proceed as follows:

1. Double-click on the button of the folder containing the video you want to watch.
 - The relevant folder is displayed.
2. Double-click on the video file you want.
 - The selected video is shown. The relevant Windows® XP Media Center screen is displayed.



The Windows® XP Media Center control bar appears at the bottom of the screen for controlling playback. You can use this to pause or replay the selected video, to jump forwards or backwards, to adjust the volume, and to turn the sound on or off.

9 Collections screen

In the **Collections** screen you can select the various compilations in your media collection which you have shared on the selected Nero MediaHome server.

The collections are displayed both in full (**All Collections**) and sorted according to **Slide Shows, Music Collections, Video Collections, and Mixed Media Collections**.



In addition to existing playlists (PLS or M3U files for instance), the collections you created with Nero Home are also displayed. The collections are also listed and sorted into sub-folders according to different criteria that come from using Windows Media Player.

By default, the **All Collections** and **Mixed Media Collections** folders contain additional sub-folders where your media data is made available according to various criteria.

To play a collection, proceed as follows:

1. Double-click on the button of the folder containing the collection you want.
 - The relevant folder is displayed.
2. Double-click on the collection you want.
 - The selected collection is played. The relevant Windows® XP Media Center screen is displayed.



The Windows® XP Media Center control bar appears at the bottom of the screen for controlling playback of the different media. You can use this to scroll through TV programs, to start or pause playback of music or videos, to adjust the volume, and to turn the sound on or off.

10 Photos screen

In the **Photos** screen you can select the photos from your media collection which you have shared on the selected Nero MediaHome server.

The photo files are displayed both in full (**All Photos**) and sorted **by album** or **by date**. The files **last added** and **last viewed** are available in separate folders.

To view a photo, proceed as follows:

1. Double-click on the button of the folder containing the photo you want.
→ The relevant folder is displayed.
2. Double-click on the photo file you want.
3. The selected photo is displayed. The relevant Windows® XP Media Center screen is displayed.



The Windows® XP Media Center control bar appears at the bottom of the screen for controlling playback of the different media. You can use this to scroll through TV programs, to start or pause playback of music or videos, to adjust the volume, and to turn the sound on or off.

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The Nero MediaStreaming plug-in is a product of Nero AG.



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