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www.philips.com/welcome

EN   Multimedia Hard Disk

1

Contents

Your Multimedia Hard Disk

Congratulations on your purchase and welcome to Philips!
To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome

What's in the box

A. Multimedia Hard Disk
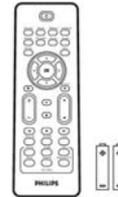
B. Remote RC20236
(including batteries)
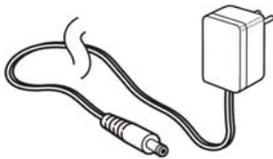
C. Power adapter
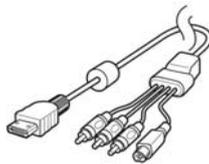
D. A/V cable
(Composite RCA, S-Video mini
DIN, Left Audio RCA, Right Audio
RCA)
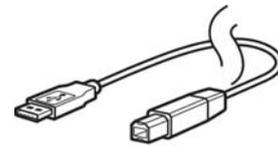
E. USB cable

F. Optical SPDIF Cable
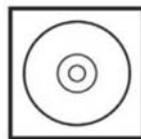
G. CD
(Including manual)

H. Quick Start Guide

- Possible accessories to connect to other older TV sets (not supplied by Philips)
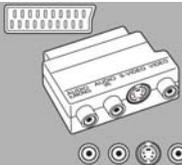
Scart <> AV / SVHS Adapter
(Converter AV cable to scart)

Before you start

The machine does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.

Setup precautions

Finding a suitable location
- Place the set on a flat, hard and stable surface. Do not place the set on a carpet.
- Do not position the set on top of other equipment that might heat it up (e.g., receiver or amplifi er).
- Do not put anything under the set (e.g., CDs, magazines).
- Install this unit near the AC outlet and where the AC power plug can be reached easily.

Space for ventilation
- Place the apparatus in a location with adequate ventilation to prevent internal heat build up. Allow at least 10 cm (4'') clearance from the rear and the top of the set and 5 cm (2'') from the left and right to prevent overheating.

Avoid high temperatures, moisture, water and dust
- Apparatus must not be exposed to dripping or splashing.
- Do not place any sources of danger on the apparatus (e.g., liquid fi lled objects, lighted candles).

How to find warranty information?

Browse to the Philips warranty folder on the hard disk or look on www.philips.com/support
You need Adobe Reader software to open these files. If you don't have Adobe Reader, you can download it for free on www.adobe.com.

The Philips warranty may not apply if damage is caused by accidents, shock, misuse or neglect.

Be responsible
Respect copyrights
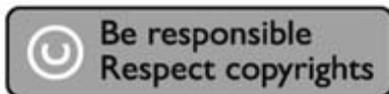
''The making of unauthorized copies of copy-protected material including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.''

WEEE mark: "Information to the Consumer"

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. Please inform yourself about the local separate collection system for electrical and electronic products, including those marked by the crossed-out wheel bin symbol. Please act according to your local rules and do not dispose of your old products with your normal household waste.

WARNING

Plastic bags can be dangerous
To avoid danger of suffocation, keep this bag away from babies and small children.

Although this product has been designed with utmost care for long-lasting performance.
Philips does advise you to handle electronics with good care: Avoid contact with water, exposure to extreme forces.

Please make sure you place the device in a well-ventilated environment, to ensure longest possible lifetime and optimal performance.

Philips does not provide any data recovery services and cannot under any circumstance be held responsible for loss of data. It is the customer's responsibility to back-up all data stored on the Philips disk. All data will be deleted when offering the product to Philips for service.

Overview

Multimedia Hard Disk
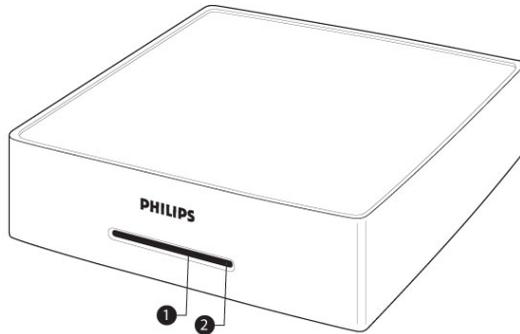
1. **LED 1 (Green)**
   Standby and activity indicator
2. **LED 2 (Blue)**
   Power indicator

LED behavior:	LED 1 (Green)	LED 2 (Blue)
Device power off	Off	Off
Device standby	Off	On
Device on	On	On
PC mode, HDD active	Off	On, blink
AV mode, RC command given	Blink	On
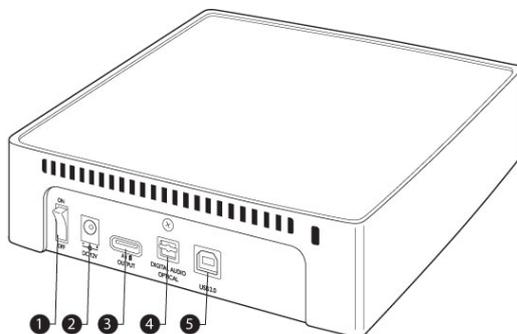
1. **On/off switch**
   Switches the Power of the Multimedia Hard Disk on/off
2. **DC in 12V**
   Power supply socket
3. **A/V output**
   A/V cable jack
4. **Digital audio port – optical**
   Connects the audio output to an amplifier
5. **USB2.0**
   USB connector

- Only the supplied remote control can be used to operate the Multimedia Hard Disk, or a correctly programmed universal remote control.
- Remote control can only be used when in TV mode.

1. **Stand-by button**
    Turns the selected device on and off
2. **Movies button**
    Go to Movies menu
3. **Music button**
    Go to Music menu
4. **Rotate button**
    Rotate picture
5. **Thumbs button**
    Preview picture
6. **Home button**
    Go to Main menu
7. **Up, down, left and right buttons**
    Move the cursor in the specified direction
8. **Mute button**
    Mute audio
9. **Play button**
    Play
10. **Volume button**
    Volume up/down
11. **Rewind button**
    Rewind
12. **Pause button**
    Pauses
13. **Play all button**
    Play all
14. **Menu button**
    Displays ISO file menu
15. **Slow button**
    Slow motion / Frame by frame playback ISO file
16. **Repeat button**
    Repeat title, chapter, track of ISO file
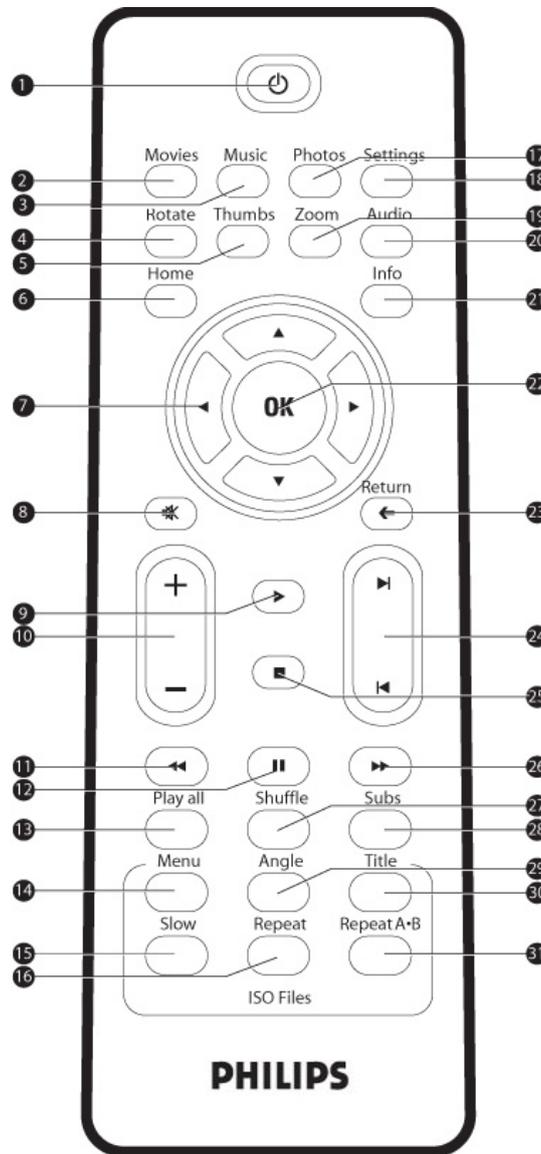
17. **Photos button**
    Go to Pictures menu
18. **Settings button**
    Go to Media player Settings
19. **Zoom button**
    Zoom picture
20. **Audio button**
    Select Audio
21. **Info button**
    Display file Info
22. **OK button**
    Confirm selection
23. **Return button**
    Return to previous menu
24. **Chapter button**
    Chapter up/down
25. **Stop button**
    Stop
26. **Fast forward button**
    Fast forward
27. **Shuffle button**
    Shuffle
28. **Subs button**
    Subtitles
29. **Angle button**
    Selects ISO file camera angle
30. **Title button**
    Displays ISO file Title Page
31. **Repeat A-B**
    Repeat an ISO file defined selection

Connect

How to connect to your TV
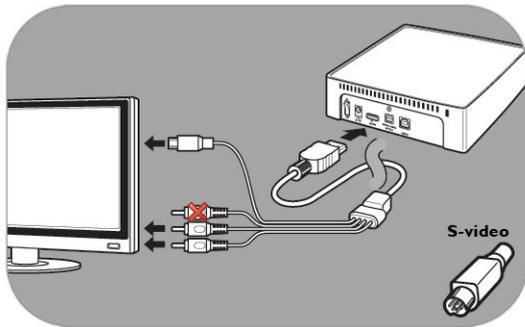
Option 1 - Best quality (S-Video)
1. Take the AV cable
2. Plug the flat end of the AV cable into the A/V output on the back of the Multimedia Hard Disk
3. Plug the S-Video jacket on the other end of the AV cable into the TV
4. Plug the white and red jackets of the AV cable into the **AUDIO-L** and **AUDIO-R** ports of the TV
5. Connect the supplied adapter to the Multimedia Hard Disk and the power outlet
6. Set the TV to the correct external input

Certain TV's do not work when the S-video jacket and the yellow jacket are connected at the same time.
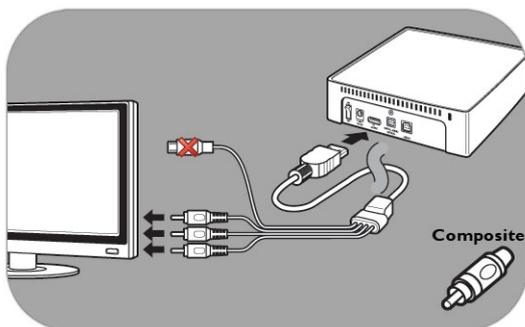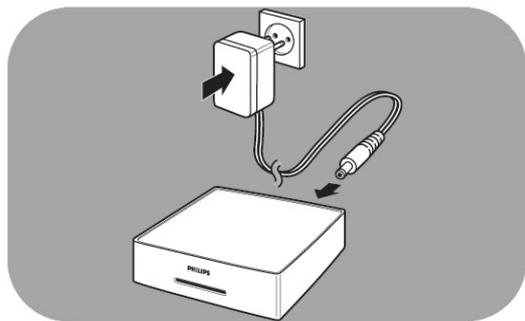
Option 2 - Good quality (Composite)
1. Take the AV cable
2. Plug the flat end of the AV cable into the A/V output on the back of the Multimedia Hard Disk
3. Plug the yellow jacket on the other end of the AV cable into the TV
4. Plug the white and red jackets of the AV cable into the **AUDIO-L** and **AUDIO-R** ports of the TV
5. Connect the supplied adapter to the Multimedia Hard Disk and the power outlet
6. Set the TV to the correct external input

Certain TV's do not work when the S-video jacket and the yellow jacket are connected at the same time.
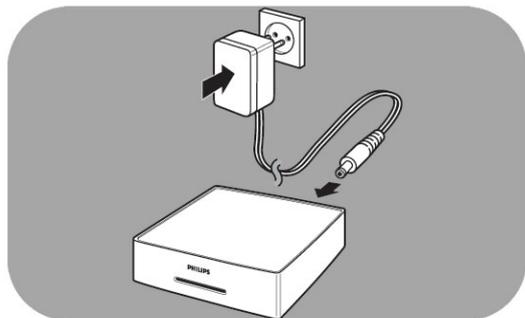
How to connect to your audio system (additional)
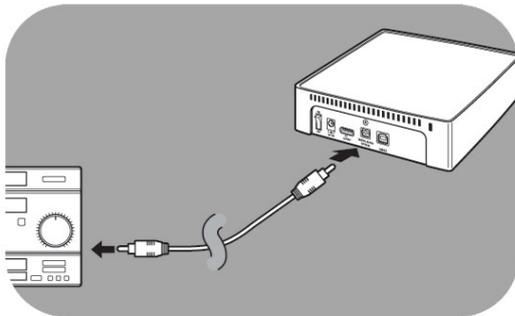
Option 1 - Best quality (digital audio, optical connection)
1. Take the optical SPDIF cable
2. Plug one end of the optical SPDIF cable into the **OPTICAL** port.
3. Plug the other end of the optical SPDIF cable into the audio system
4. Set the audio system to the correct external input
5. Set the Multimedia Hard Disk audio settings to 'Digital' (See ''Audio Settings' for more information)
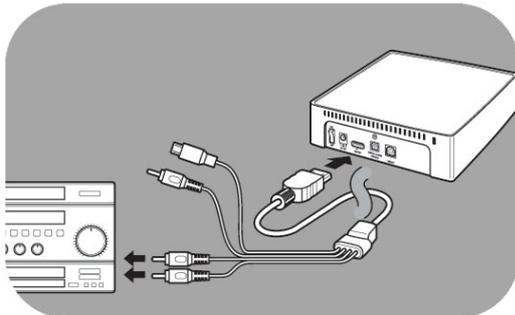
Option 2 - Good quality (stereo analog audio)
1. Instead of plugging the white and red jackets of the AV cable into the TV, plug them into the **AUDIO-L** and **AUDIO-R** ports of the audio system
2. Set the audio system to the correct external input
3. Set the Multimedia Hard Disk audio settings to 'Analog' (See ''Audio Settings' for more information)

How to connect to your PC
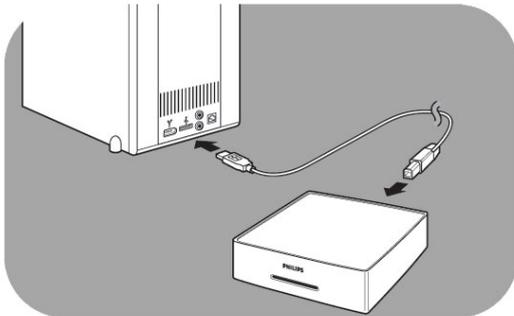
Connect your PC
1. Take the USB cable and plug it into the USB port of the Multimedia Hard Disk.
2. Plug the other end of the USB cable into an available PC USB port.
3. Connect the supplied adapter to the Multimedia Hard Disk and the power outlet
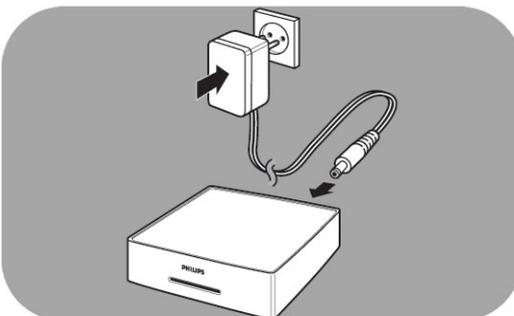
Setup TV

Switch on the Multimedia Hard Disk
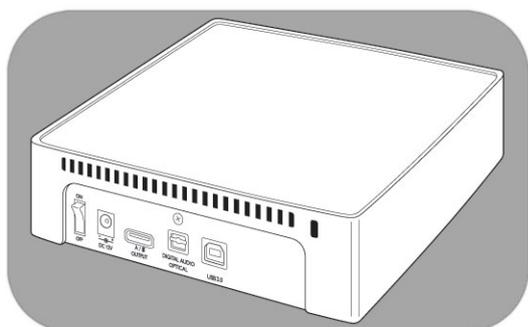
1. Press the power switch on the back of the Multimedia Hard Disk
2. A blue LED on the front of the Multimedia Hard Disk lights up and a menu will appear on screen

If the Multimedia Hard Disk is in standby mode (orange LED), press the stand-by button on the remote control.

Menu Overview

Movies	
Music	
Pictures	
Settings	Language
	Audio Settings
	Video Settings
	TV Type
	Screen Saver
	Firmware Update
	DivX(R) VOD

Remote Control Navigation

Action		Button
Movies		Go to the movies menu
Music		Go to the music menu
Photos		Go to the pictures menu
Settings		Go to the settings menu
Home		Go back to main menu
▲	▼	Go up or down in a list
◄	►	Move left or right
OK		Confirm a selection
Return		Return to previous menu
▶❙		Page Up
❙◀		Page Down

Language

1. Select 'Settings' in the main menu and press OK, or press the 'Settings' button
2. Select 'Language' in the settings menu and press OK
3. Select the desired language and press OK to confirm
4. Press Home to go back to the main menu, or Return to go back to the settings menu

The selected box will be marked.

Audio Settings

1. Select 'Settings' in the main menu and press OK, or press the 'Settings' button
2. Select 'Audio Settings' in the settings menu and press OK
3. Select the desired audio output and press OK to confirm
4. Press Home to go back to the main menu, or Return to go back to the settings menu

See chapter "How to connect to your audio system" for more information.

Video Settings

1. Select 'Settings' in the main menu and press OK, or press the 'Settings' button
2. Select 'Video settings' in the settings menu and press OK
3. Select the desired signal output (NTSC for the US or PAL for Europe), and press OK to confirm
4. Press Home to return to the main menu, or Return to go back to the settings menu

TV Type Setup

1. Select 'Settings' in the main menu and press OK, or press the 'Settings' button
2. Select 'TV type' in the settings menu and press OK
3. Select the desired screen type and press OK to confirm
4. Press Home to return to the main menu

This setting only applies when viewing movies and not to the menu.

TV Type		
4:3 Letter box	4:3 Panscan	16:9 Widescreen
The TV shape is 4:3. The top and bottom parts of widescreen images show black bars.	The TV shape is 4:3. The left and right parts of widescreen images do not show.	The TV shape is 16:9 (widescreen).
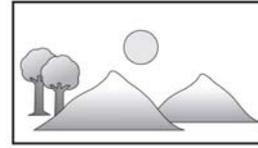
Configure Screen saver

CAUTION
- Install your screensaver to prevent burn in of your CRT / Plasma TV.

1. Select 'Settings' in the main menu and press OK, or press the 'Settings' button
2. Select 'Screensaver' in the settings menu and press OK
3. Select the desired screen saver time and press OK to confirm
4. Press Home to return to the main menu

The screen turns black after the selected time.

Firmware update

CAUTION
- Never turn off your Philips Multimedia Hard Disk during the firmware update procedure. This may damage your device. If for any reason (E.g. Power supply failure during firmware update) the procedure fails, you may not be able to operate your device.

Make sure you have unpacked your firmware in the folder "firmware" on your Philips Multimedia Hard Disk, before you start the Firmware update procedure. See chapter 'Firmware setup' for more information.

1. Select 'settings' in the main menu and press OK, or press the 'Settings' button
2. Select 'firmware update'' and press OK.
3. Press OK to start update
4. After the firmware has been updated, you must switch off the device to complete the firmware update

DivX® VOD code

Your Philips Multimedia Hard Disk supports the new DivX® Video-On-Demand (VOD) feature (see http://vod.divx.com for more information). With this feature, you have the possibility to purchase or rent DivX VOD movies (downloaded from the internet) and play them on your Philips Multimedia Hard Disk DivX Certified device.

From the "DivX(R) VOD" option of the "Settings" menu you can see the registration code of your device. This is a unique 8-digit code, assigned to each DivX certified device (like your Philips Multimedia Hard Disk).

Please refer to the subsequent paragraph titled 'DivX® VOD Compatibility', for more details on this feature of your device.

Setup PC

1. The Multimedia hard disk will automatically be detected when connected to the PC and powered up
2. It will automatically assign a drive name with the volume name 'Philips Multimedia Player'
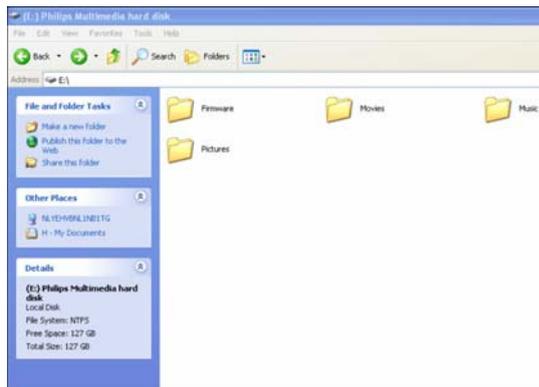
Preconfigured folders

The preconfigured folders on the Multimedia Hard Disk are: 'Firmware', 'Movies', 'Music' and 'Pictures'.

Firmware and media files must be saved in the corresponding folder or in its subfolder.

(E.g. A movie can be stored in the folder 'Movies' or in the subfolder 'Movies\My Home Movies').

If the preconfigured folder names are changed, or if the firmware and media files are not saved in the corresponding folders (or its subfolder), the Multimedia Hard Disk cannot operate or play these files.

Save files on your Multimedia Hard Disk

- Movie files need to be saved in the 'movies' folder of the Multimedia Hard Disk (or in its subfolder)
- Subtitles need to be saved in same folders as the corresponding movie and need to have the same name (not the same extension) as the movie file
- Music files need to be saved in the 'music' folder of the Multimedia Hard Disk (or in its subfolder)
- Pictures need to be saved in the 'pictures' folder of the Multimedia Hard Disk (or in its subfolder)
- Firmware files need to be saved in the 'firmware' folder of the Multimedia Hard Disk

Supported media formats:	
Movies	MPEG1 (AVI, APG)
	MPEG2 (AVI, VOB)
	MPEG4 (AVI, DivX, DivX VOD, Xvid)
	ISO
Subtitles	SUB (MicroDVD Format)
	SRT (SubRIP Format)
	SMI (SAMI)
Music	WAV
	MP3
	MPEG4 (AAC – not DRM)
	WMA
	AC3
	OGG vorbis
	DTS
Pictures	JPG (Photos up to 12 megapixels)

Enjoy

How to play movies

- Movie files and subtitles need to be saved in the 'movies' folder of the Multimedia Hard Disk (or in its subfolder).
- Subtitles need to be saved in same folders as the corresponding movie and need to have the same name (not the same extension) as the movie file.
- Supported movie formats are: MPEG1 (AVI, APG), MPEG2 (AVI, VOB), MPEG4 (AVI, DivX, DivX VOD, Xvid), ISO
- Supported subtitle formats are: SUB (MicroDVD Format, SRT (SubRIP Format). SMI (SAMI), Embedded Multiple Subtitle Support (ISO only).

1. Select 'movies' in the main menu and press OK, or press the 'Movies' button
2. Select a movie, or first select the folder in which the movie is located, in the movies menu and press OK

Demo content is available on the Multimedia Hard Disk

Enabled buttons on the remote control

Movies	Go to the movies menu
Music	Go to the music menu
Photos	Go to the pictures menu
Settings	Go to the settings menu
Zoom	Zoom Movie
Audio	Change audio
Home	Go to the main menu
Info	Display file information
🔇	Mute audio
+ VOL -	Increase / decrease volume
⏮ ⏭	Play previous / next movie
⏹ ▶	Stop / Play
⏪ ⏩	Rewind / Forward
⏸	Pause
Play All	Play all movies in the selected folder
Shuffle	Play movies in the selected folder randomly
Subs	Change subtitles

Enabled buttons on the remote control (ISO File)

Menu	Go to ISO main menu
Angle	Change angle
Title	Go to ISO movie menu
Slow	Slow motion
Repeat	Repeat movie
Repeat A-B	Set repeat points

How to play music

- Music files need to be saved in the 'Music' folder of the Multimedia Hard Disk (or in its subfolder).
- Supported music formats are : WAV, MP3, MPEG4 (AAC – not DRM), WMA, AC3, OGG vorbis, DTS.

1. Select 'Music' in the main menu and press OK, or press the 'Music' button
2. Select a song or first select the folder in which the song is located in the music menu and press OK

Install your screensaver to prevent burn in of your CRT / Plasma TV.

Enabled buttons remote control

Movies		Go to the movies menu
Music		Go to the music menu
Photos		Go to the pictures menu
Settings		Go to the settings menu
Home		Go to the main menu
Info		Display file information
◁🔇		Mute audio
+ VOL -		Increase / decrease volume
◀◀| ▶▶|	Play previous / next song
■	▶	Stop / Play
◀◀	▶▶	Rewind / Forward
❚❚		Pause
Play All		Play all songs in the selected folder
Shuffle		Play songs randomly

How to view pictures

- Picture files need to be saved in the 'Pictures' folder of the Multimedia Hard Disk (or in its subfolder).
- Supported picture format is JPG (Photos up to 12 megapixels).

1. Select 'Pictures' in the main menu and press OK, or press the 'Photos' button
2. Select a picture or first select the folder in which the picture is located in the picture menu and press OK

Demo content is available on the Multimedia Hard Disk.

Enabled buttons remote control

Movies	Go to the movies menu
Music	Go to the music menu
Photos	Go to the pictures menu
Settings	Go to the settings menu
Home	Go to the main menu
Info	Display file information
⏮ ⏭	View previous / next picture
■	Stop
❚❚	Pause slideshow
Play All	Start slideshow (all pictures in selected folder)
Shuffle	Start random slideshow (all pictures in selected folder)
Rotate	Rotate image
Thumbs	Preview thumbnails in pictures menu
Zoom	Zoom picture

Firmware Setup

1. Visit the Philips support website at www.philips.com/storageupdates
2. Go to the section of the Multimedia Hard Disk
3. Download the latest firmware (zipfile) to your PC
4. Extract the firmware files from the zipfile

5. Connect your Multimedia Hard Disk to your PC
6. Switch on the Multimedia Hard Disk
7. Copy the extracted files to the folder 'firmware' on your Philips Multimedia Hard Disk
8. Switch off the Multimedia Hard Disk

9. Connect the Multimedia Hard Disk to your TV
10. Switch on the Multimedia Hard Disk
11. Select 'Settings' in the main menu and press OK, or press the 'Settings' button
12. Select 'Firmware Update'' and press OK
13. Press OK to start update
14. After the firmware has been updated, turn off your device to complete the update procedure

See chapters 'How to connect to your PC' and 'How to connect to your TV' for more information on how to connect the devices to your PC and TV.

Troubleshooting

Online help

Refer to www.philips.com/support or www.philips.com/storageupdates for:
- Interactive help
- Frequently asked questions
- Firmware updates

Problems and tips

When you have a problem, make sure that the Multimedia Hard Disk contains the latest firmware.

Problem	Tip
PC does not detect Multimedia Hard Disk	- Check if your Multimedia Hard Disk is connect to the power outlet - Switch on the Multimedia Hard Disk using the on/off switch - Unplug the USB cable and plug it back in after 10 seconds *Blue LED will indicate when the device is powered.*
No reaction to the supplied remote control	- Remote control is only functional when the Multimedia Hard Disk is connected to the TV and disconnected from the PC. - Check the power supply of the Multimedia Hard Disk - Switch on the Multimedia Hard Disk - Point the remote control at the Multimedia Hard Disk - Insert the batteries correctly - Insert new batteries in the remote control - Only the supplied remote control can operate the Multimedia Hard Disk.
No image on TV screen	- Switch the TV on - Check the cable connections - Set the TV to the correct external input
No sound from the speaker(s) of the audio system	- Switch audio system on - Check the cable connections - Set the audio system to the correct extern al input - Set the output of the Multimedia Hard Disk to the correct output (left/right RCA = Analog, SPDIF Optical = Digital)
Cannot play a content file	Make sure that the file format is supported by the Multimedia Hard Disk
I cannot find the stored files when connected to TV	Make sure that you have stored your movies, in the 'Movies' folder, your music in the 'Music' folder and your pictures in the 'Pictures' folder or in their subfolders.
Subtitles do not work	- Make sure that you have stored your subtitles in the same folder as the corresponding movie. - Make sure that the subtitle file has the same name (not the same extension) as the movie file.
Subtitles/Angle/Audio/Next or Previous does not work when playing ISO files	Some movies have restrictions defined in the original DVD, which are also present in the corresponding ISO file

Recovery Procedure

- Use the recovery procedure and the installation CD, when the folder structure of the Multimedia Hard Disk has been changed.
- Backup your media files to prevent loss of data, as the recovery procedure will remove all files on the Multimedia Hard Disk.
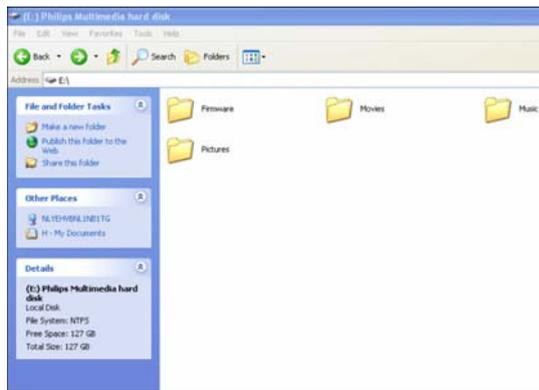
Option 1 - Soft Recovery
1. Connect your Multimedia Hard Disk to your PC
2. Switch the Multimedia Hard Disk on
3. Go to 'My Computer
4. Right-Click on the Philips Multimedia Player icon
5. Select Explore
6. Check if the preconfigured folders are available ('Firmware', 'Movies', 'Music', 'Pictures')
7. Create or rename the folders if necessary
8. Switch the Multimedia Hard Disk off.

Option 2 - Hard Recovery
1. Connect your Multimedia Hard Disk to your PC
2. Switch the Multimedia Hard Disk on
3. Go to 'My Computer
4. Right-Click on the Philips Multimedia Player icon
5. Select format
6. Select NTFS from the File system drop down menu
7. Press start
8. Copy the content of the folder 'recovery' of the installation CD, which is delivered with your Multimedia Hard Disk, to the Multimedia Hard Disk.
9. Switch the Multimedia Hard Disk off.

Technical data

Supported formats

Movies	MPEG1 (AVI, APG)
	MPEG2 (AVI, VOB)
	MPEG4 (AVI, DivX, DivX VOD, Xvid)
	ISO
Subtitles	SUB (MicroDVD Format)
	SRT (SubRIP Format)
	SMI (SAMI)
Music	WAV
	MP3
	MPEG4 (AAC – not DRM)
	WMA
	AC3
	OGG vorbis
	DTS
Pictures	JPG (Photos up to 12 megapixels)

ISO Compatibility

Only with Philips Multimedia Hard Disk can you play your own Virtual DVD Library after storing your private collection of DVDs in ISO format, and watch them as if they were running from the original DVDs.

Once the movies are stored on the Philips Multimedia Hard Disk as .ISO files, you can play them just like an original DVD with full DVD functions: Menu, Chapter selection, Audio stream selection, Subtitle selection, Fast Forward, Fast Backwards, Slow, Pause, Step Forward, Repeat, and Search are all included.

An ISO file is the image file of a DVD disk. ISO files are widely used to store and transfer DVD contents through the Internet. ISO is a common DVD image format for DOS, Windows, Mac OSX, Linux and other operating systems.

The ISO files are huge in size, but this is not a limitation for Philips Multimedia Hard Disk.

Philips Multimedia Hard Disk is not designed or intended to, and may not be used to violate any copyrights or other IP (Intellectual Property) rights.
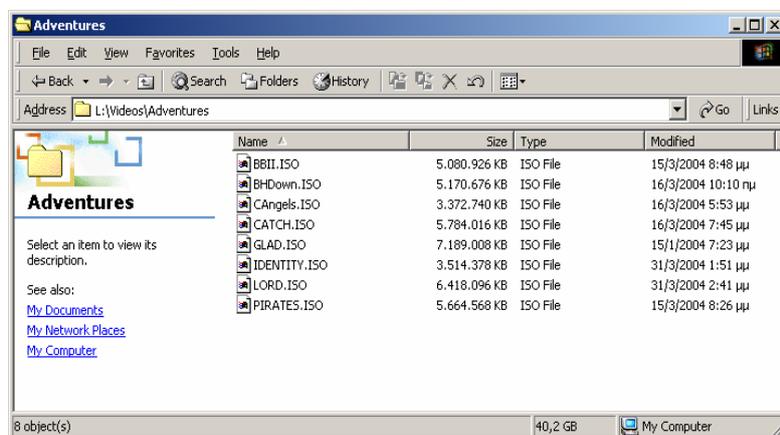
Each user of Philips Multimedia Hard Disk may only use it in connection with materials legally owned by or licensed to the user, and only extend such ownership or license rights that will permit such use.

- ISO files can be created with third party software, such as Nero Burning ROM.

DivX Compatibility

DivX® is a format for digital video. The DivX® codec is based on the MPEG-4 compression standard, which is so advanced that it can reduce an MPEG-2 video (the same format used for DVD) to 10% of its original size.

Philips Multimedia Hard Disk is fully compatible with DivX® format and can play any movie encoded with this compression format no matter which version of the encoder used: 3.11, 4.x, 5.x.

If you want to use external text subtitles:
- Make sure that you have stored your subtitles in the same folder as the corresponding movie. (E.g. "movie.avi" and "movie.srt" in the folder)
- Make sure that the subtitle file has the same name (not the same extension) as the movie file.
- Make sure that the subtitles format is supported are in supported format (SUB (MicroDVD Format), SRT (SubRIP Format), SMI (SAMI))

DivX® VOD compatibility

Your Philips Multimedia Hard Disk device supports the new DivX® Video-On-Demand (VOD) feature. With this feature, you have the possibility to purchase or rent DivX VOD movies (downloaded from the internet), and playback on your Philips Multimedia Hard Disk DivX Certified device.

Visit www.divx.com/vod for information about how DivX VOD works.

Before you can enjoy DivX® VOD, your Multimedia Hard Disk must be activated via the DivX Player application. An 8-character DivX VOD registration code ("Activation ID") is needed for this, which can be retrieved from the Philips Multimedia Hard Disk. Select the 'DivX® VOD' option from the 'Settings' menu and press OK to see the registration code of your device.

DivX® video content that has been downloaded using this Activation ID can now be played ONLY on your Philips Multimedia Hard Disk!

Additional information available on our website:

www.philips.com/storageupdates
www.philips.com/welcome

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