

hama®

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DVB-T PC-Card, digital/analog

Section 1 Using HYPERMEDIA:

HyperMedia is comprehensive, easy-to use software for digital and analogue television. The software converts your PC system into a high-performance multimedia centre.

Note: To achieve the best possible operating speed, install DirectX 9.0c before using **HyperMedia** (DirectX 9.0c is on the driver CD-ROM supplied).

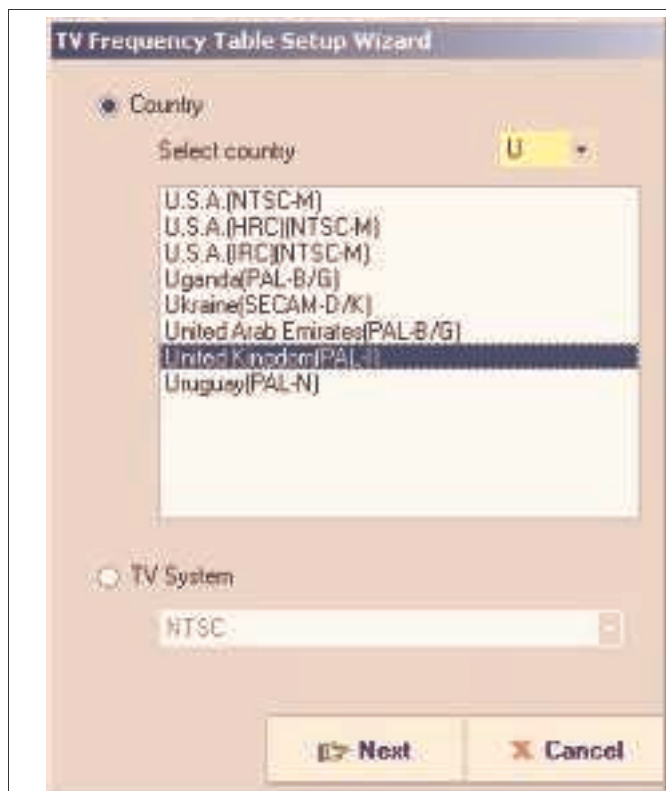


	ATV	ATV function for analogue TV viewing (see section 2 for details.)
	DTV	DTV function for digital TV viewing (DVB-T) (see section 3 for details.)
	MPEG encoder	The MPEG encoder function allows you to convert AVI files into MPEG format. (See section 4 for details.)
	Video editor	The video editor function allows you edit MPEG videos simply and easily. See section 5 for details.)
	DVD/CD burning	The DVD/CD burning function allows you to create a VCD, SVCD or DVD, which can be played on a DVD player or PC. (See section 6 for details.)

Section 2 Using ATV:

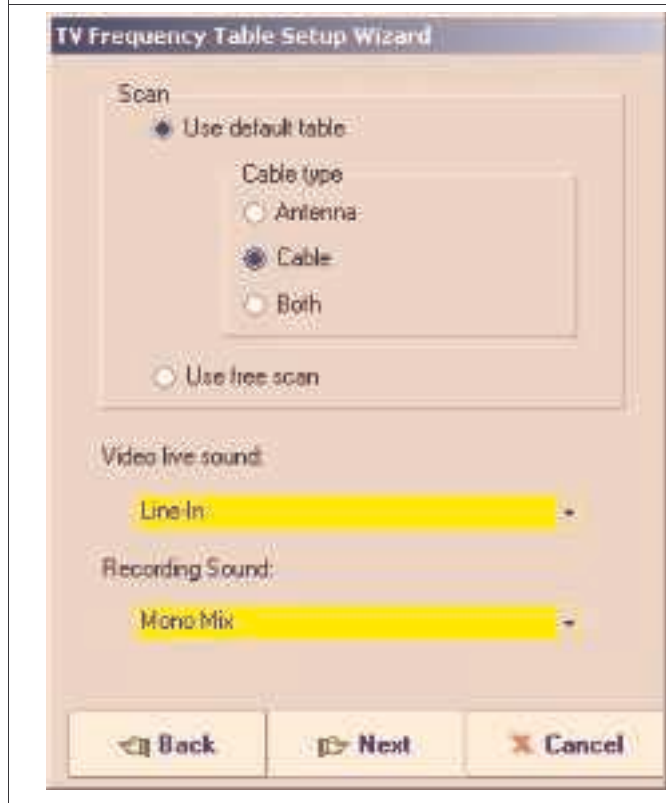
2.1 Standard TV setup and channel search:

When you open ATV for the first time, the TV Setup Wizard starts automatically and guides you step-by-step through the configuration of the TV settings.



Step 1:

Select your country and the associated television standard (e.g. PAL, NTSC or SECAM). -> Next



Step 2:

Select your TV source (**Antenna**, **Cable** or **Both**).

1. Start the channel search:

We recommend that you leave the default setting of "Use default table". If not all TV channels are found, select "Use free scan". Then select the cable type **Cable**, **Antenna** or **Both**.

2. Video Live Sound:

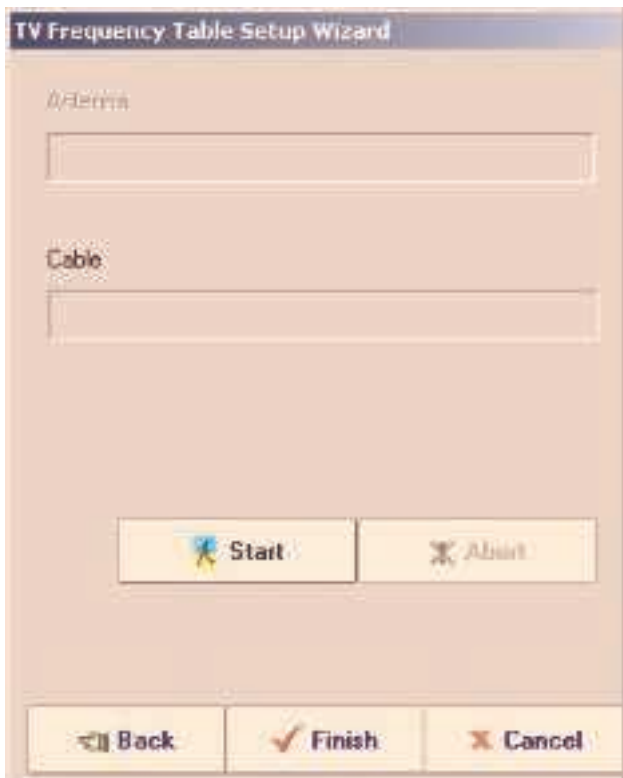
We recommend that you select the default setting **Line-In** and **Stereo Mixer** for audio recording.

When you have entered all the details, click -> Next



Step 3:

If you used the "Use **default table**" option to find all TV channels, this information window will be displayed. Depending on the **Step Size** set, the software program will search the entire frequency range. Click **Start** to start the search. Please note that this search process may take some time. When the channel search has finished, click the **Finish** button. ATV will enter the channels that were found in the channel list.



Step 4:

If you used the "Use **free scan**" option, this information window will be displayed. Then click **Start** to start the channel search. Please note that this search process may take some time. When the channel search has finished, click the **Finish** button. ATV will enter the channels that were found into the channel list.

2.2 Description of the user interface

The user interface makes all functions available to you in a simple and easy way.




- **Display:**

The display shows the current status (e.g. Live, REC, Playback, Time shifting), the current audio output (mono, stereo), channel number, recording duration, size of the recording and the current time.












- **Control:**



: Switch up a channel.

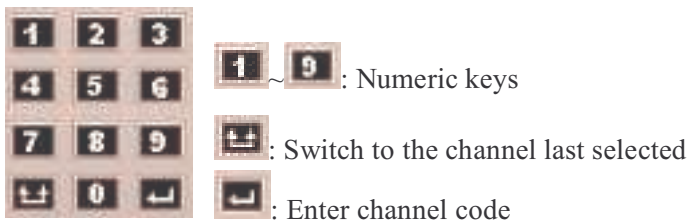
: Switch down a channel.

Note: To be able to use these functions, you must have previously started an automatic or manual channel search.

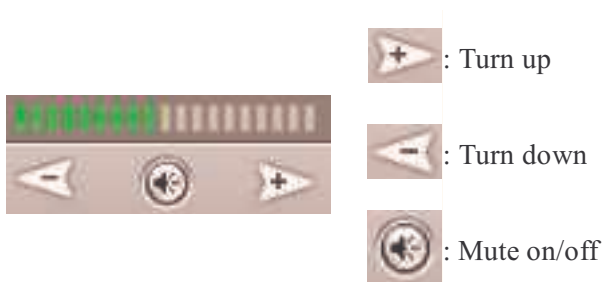
- : Time shift
- : Record
- : Channel preview
- : Snapshot
- : Teletext
- : Mono, stereo or SAP audio output
- : Reset the frequency table
- : TVR setup
- : Switch to other video sources

- **Number pad:**

You can use the number pad to select individual channels directly.




- **Volume control:**




- **Functions:**

: Recording timer

: Sleep mode timer





: Switch to main window


: Settings

- **Recording, playback, time shifting**

A. Record function

Click the **Record** icon  to record TV programmes in real time. To stop the recording, click the **Stop** button  on the user interface. Following the recording, you can see the recorded films in the playback list.

B. Media Player control bar


Click the Play button  to view recorded films again. The playback menu opens and a list of all videos that have been recorded and played up to that point is displayed. You can select more than one file. The software program shows the selected files in the playback list.




: Jumps to the start of the video


: Rewind


: Pause

: Playback or activate time shift

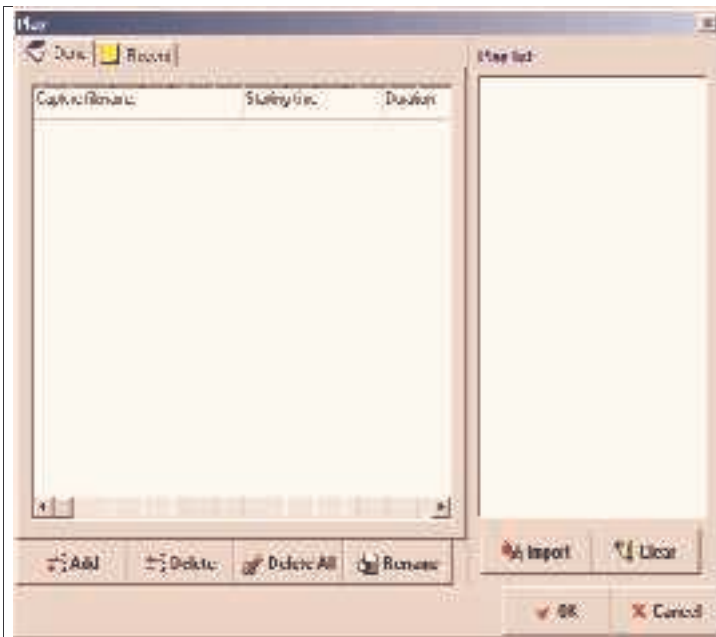
: Stop or end time shift

: Fast forward

: Jumps to the end of the video.

: Open file

C. Playback list:



Add:

Adds the selected file to the playback list.

Delete:

Deletes the selected file from the playback list.

Delete all:

Deletes the entire playback list.

Rename:

Allows you to rename the selected file.


Import:

Imports one or more selected files into the playback list.

Clear:

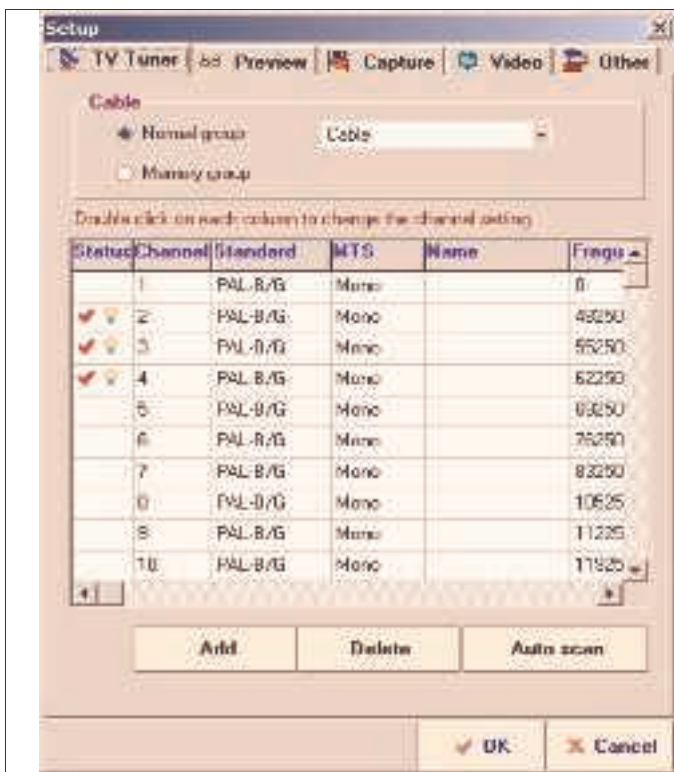
Delete the whole content of the play list.

D. Time shift function:

You can activate the time shift function during the normal real time playing of the programme by selecting the time shift button . If the software is in time shift mode, you will need to wait a few seconds before you can start playing.

Caution!: The maximum of the time shift mode, depends on the free space of your harddisk.

2.3 Setup utility for TVR



The **TV Tuner** setup menu allows you to sort or rename the TV channels that were found. You can run an automatic search for TV channels via **Cable** or **Antenna**. You can edit the individual channels by double-clicking the relevant channel. You can customise the video standard, audio options, channel names and the frequency.

Normal group:

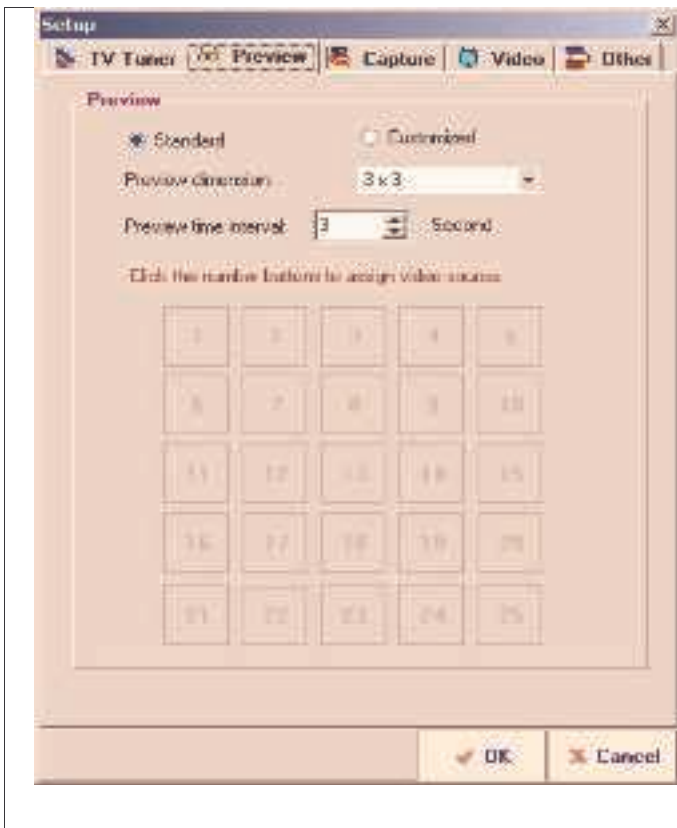
You can switch between reception via **Cable** or **Antenna**.

Autoscan:

Click the **Auto scan** button to perform the action and to start the search process.

- **Preview setup:**

The Preview menu allows you to customise the channel preview settings to suit your own requirements. There are two preview types: Standard and User-defined.



Standard:

You can select from the following preview options: 2x2, 3x3, 4x4, 5x5.

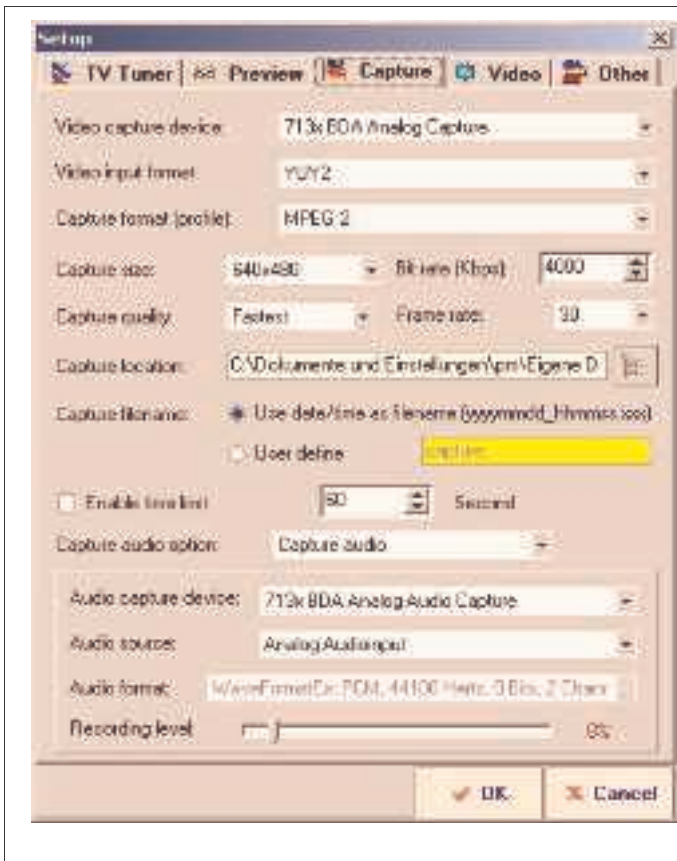
Preview time intervals:

This is where you can set the preview time intervals:

Customized:

You can use the number pad to assign a certain programme in the preview menu.

- **Record function:**



Video capture device: Select the video recorder

Video input format: Select the video input signal YUY2, UYVY and RGB24

Capture format (profile): You can set the recording format for the video here.

Capture size: Size of video resolution

Bit rate (Kbps): Bit rate setting

Capture quality: Recording quality setting

Frame rate: Frame rate setting

Capture location: Save location setting

Capture file name: File name of the recording. Use date/time as file name.

Enable time limit: Set time limit

Audio capture option:

Select "Capture audio", "Capture audio only, no video capture" or "No audio capture". If you select "Audio capture only, no video capture", you can only select WAV or MP3 format.

• **Video setup:**



Color:

Settings for brightness, contrast, hue, saturation and sharpness. Move the respective bars to customise the image.

Video system:

You can set various TV standards here. If you travel to a country that does not have the same TV standard as your own country, you can change the standard here accordingly.

Enable high quality preview:

Activates the preview in high quality

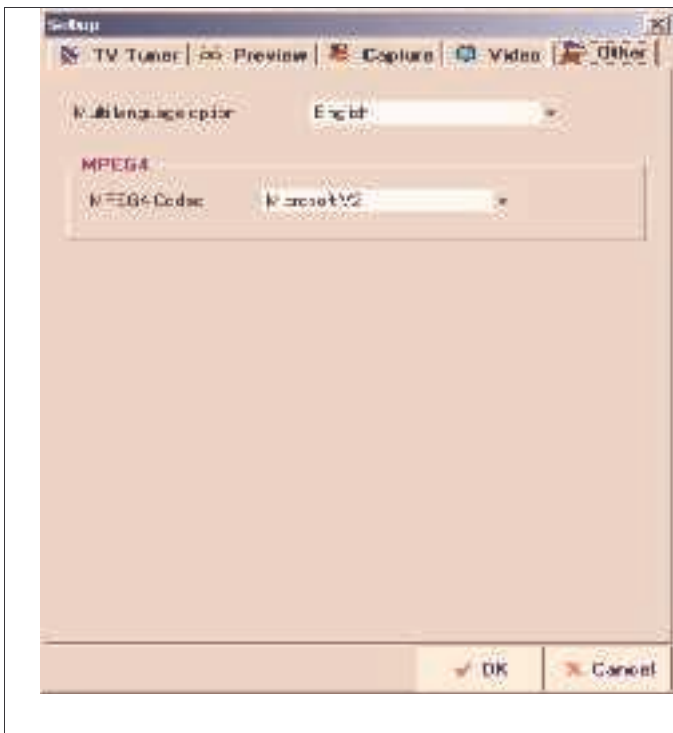
Enable VMR playback:

If your graphics card supports VMR, please select this option. If your graphics card does not support this mode, please ensure that this option is not selected.

Display Aspect ratio:

You can select the following aspect ratios: 4:3, 16:9, free

• **Other:**




Multilanguage option:

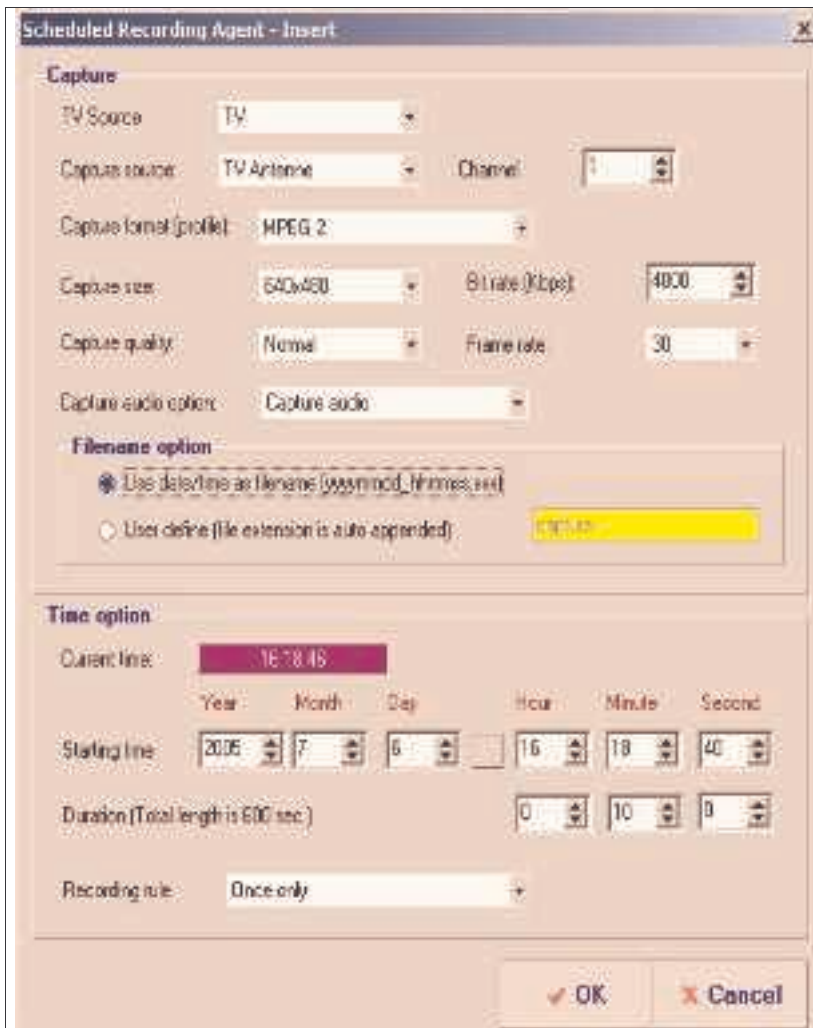
You can change the software language here.

MPEG4 Codec:

You can select the various MPEG4 codecs here, e.g. Microsoft V2 or Divx.

2.4 Planned recording jobs

To plan and enter the recording in advance, click the  button.



TV Source:

The source from which recording should take place. (analogue or digital)

Capture source: Different sources can be selected here depending on the selected source (analogue or digital). (For example, TV antenna, TV cable, S-video, etc.)

Channel: Select the required channel

Capture format (profile): Select the format for your recording.

Capture size: Size of the video resolution.

Bit rate (Kbps): Bit rate setting.

Capture quality: Recording quality settings:

Frame rate: Select frame rate (PAL 25)

Capture audio option: Select "Audio recording", "Audio recording only, no video recording" or "No audio recording".

Filename option: File name of the recording. Use date/time as file name

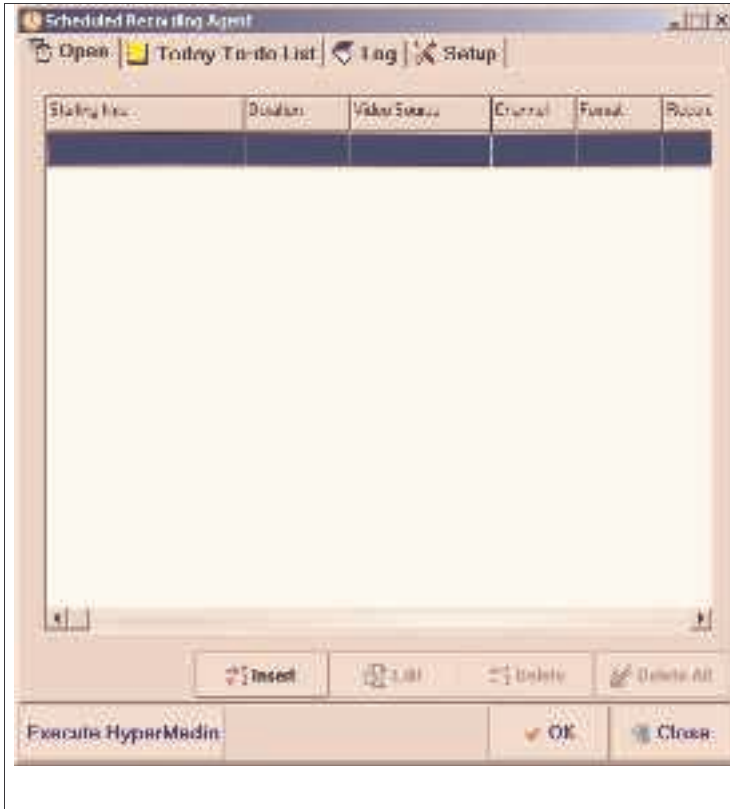
Current time: Shows the current time.

Starting time: Enter the day and the start time of the programme you want to record.

Duration: Enter the duration of the programme to be recorded.

Recording rule: Specify the recording type. The default setting is "One-off".

- **Open**



Open: Once you have entered the programme to be recorded, it is listed here.

Insert: You can define a new timer recording here.

Edit: You can edit the selected timer recording afterwards.

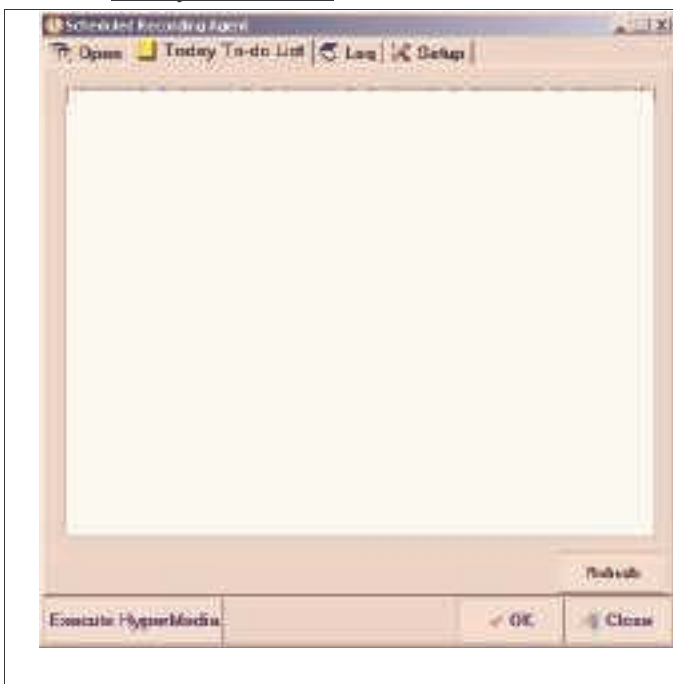
Delete: Delete the selected timer recording.

Delete all: Delete all added timer recordings from the list.

Start power-off schedule: When you click this button, the computer immediately goes into hibernate mode and wakes up again in time to start recording at the time entered.

Note: To be able to use this function, your operating system must support hibernation and "Hibernation" mode must have been enabled in advance. The function will not be shown otherwise. For information on how to enable hibernation mode, please refer to the manual for your operating system or computer.

- **Today To-Do List**



Today To-Do List:

When you select this option, all programmes selected for the current day are displayed.

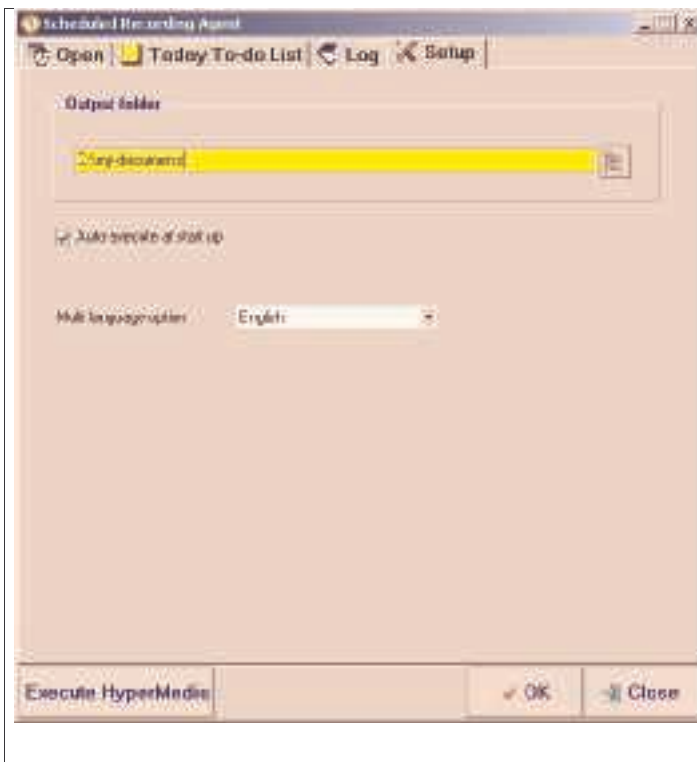
- **Log:**



Log:

If a timer recording failed, the error is noted in the log file. A more precise description of the error is listed here.

- **Settings**



Output folder:

You can specify the save location for your films here.

Auto-execute at start up: If this option is selected, the timer recording service is started automatically every time Windows is restarted.

Multilanguage option:

You can change the software language here.

Enable Power-off schedule recording mode:

If this option is selected, the recording timer shuts down the computer once the film has been recorded.

Note: If this option (Enable Power-off schedule recording mode) is not displayed, this means that hibernation mode is not correctly enabled on your notebook or your computer does not support this mode.

2.5 Channel overview:


Click the  button to start the channel overview.



Channel overview:

During the channel overview process, you can call up any channel directly by making a selection with your mouse or the cursor.

2.6 Snapshot:

You can take a snapshot of the current programme by clicking the  button. When you take the picture, a window called Snapshot is opened. You can view, save or delete all snapshots that have been taken to date.




Note: Two image formats are supported - bitmap and JPEG. You can specify the format in which you want to save the image in the Save dialog box.

2.7 Sleeping Timer:

The sleeping timer function allows you to set the time after which the computer will be shut down. The screenshot below shows the function. Move the slider to select any time between 0 and 300 minutes. Click **OK** to accept the setting. The computer will then shut down after the set time.



2.8 Audio output mode

When you click the  button, you can set various audio types, e.g. stereo and mono.

2.9 Pop-up menu

You can open the pop-up menu at any time while the HyperMedia software is running. To do so, right-click or press the F12 key on the keyboard. The pop-up menu is then displayed. A description of the functions is given below.

	<ul style="list-style-type: none">● Always on Top: - The window is always to the front● Display Aspect ratio: - Sets the aspect ratio (free, 4:3 or 16:9)● Full screen: - Switches to full screen display● Switch video source: Toggles between the input terminals● Previous channel: - Switches to the last channel● Next channel: - Switches to the next channel● Recall Channel: - Switches to the channel that was selected last● Channel overview: - Shows all available channels in miniature● Capture: - Starts the recording● Time Shifting: - Starts time shifting● Snapshot: - Records images from the current programme.● Setup: - Opens the settings window● Reset TV Frequency Table: - Resets the settings
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Section 3 Using DTV:

DTV is an easy-to-use digital TV application which also has a lot of features. With DTV, you can receive unencrypted digital DVB-T programmes. DTV is a simple way of viewing and recording digital television.


3.1 Channel search for receiving digital TV:

When you open ATV for the first time, the DVB Setup Wizard starts automatically and guides you step-by-step through the configuration of the TV settings.

Two types of channel searches are supported.

	<p>Select country:</p> <p>You can select your country here.</p>		<p>User-defined:</p> <p>To be able to use this option, you must manually enter the minimum and maximum frequency and the bandwidth.</p>
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When you have selected the appropriate options, click "Next".

	<p>User-defined channel search:</p> <p>In the next step, the scan range and the signal strength are displayed. The frequency range depends on your location. The Signal display shows you the current signal strength and quality. Click the Start button to start the channel search. After complete scan, please click the Finish button to close this window.</p>
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Note:

It can sometimes happen that not all channels are found due to the low signal strength. In this case, you should use an active DVB-T antenna or change the current location. Make sure that a DVB-T signal is available at your current location.

3.2 Description of the user interface

The user interface makes all functions available to you in a simple and easy way.





- **Display:**

The display shows the current status (e.g. Live, REC, Playback, Time shifting), the current audio output (mono, stereo), channel number, recording duration, size of the recording and the current time.











- **Control:**



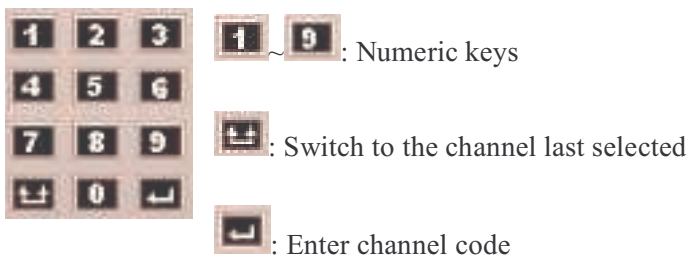
- : Switch up a channel.
- : Switch down a channel.

Note: To be able to use these two functions, you must have previously started an automatic or manual channel search.

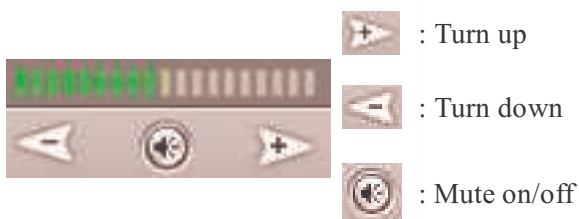
- : Time shift
- : Record
- : Channel preview
- : Snapshot
- : Teletext
- : Mono, stereo or SAP audio output
- : EPG (Electronic programme guide)
- : DTV settings

Number pad:

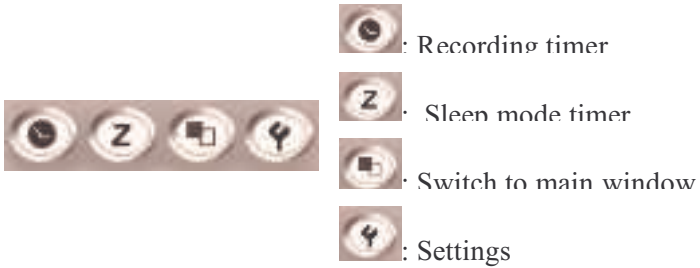
You can use the number pad to select individual channels directly.



- **Volume control:**





- **Functions:**




- **Recording, playback, time shifting:**









- A. **Record function**

Click the **Record** icon  on the user interface to record TV programmes in real time. To stop the **Recording**, click the **Stop** button  on the user interface. Following the recording, you can see the recorded films in the playback list.

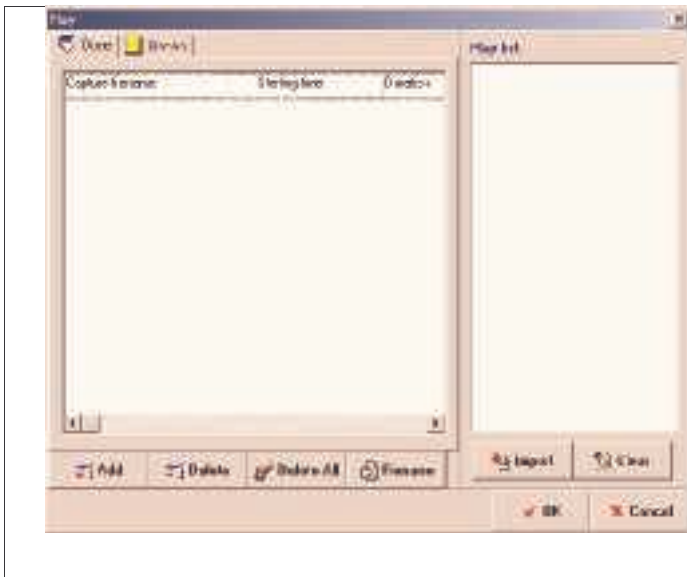
- B. **Media Player control bar**

Click the Play button  to view recorded films again. The playback menu is displayed and shows a list of all videos that have been recorded and played up to that point. You can select more than one file. The software program shows the selected files in the playback list.



-  : Jumps to the start of the video
-  : Rewind
-  : Pause
-  : Playback or activate time shift
-  : Stop or end time shift
-  : Fast forward
-  : Jumps to the end of the video
-  : Open file

C. Playback list:



Add:

Adds the selected file to the playback list.

Delete:

Deletes the selected file from the playback list.

Delete all:

Deletes the entire playback list.

Rename:


Allows you to rename the selected file.

Import:

Imports one or more selected files into the playback list.

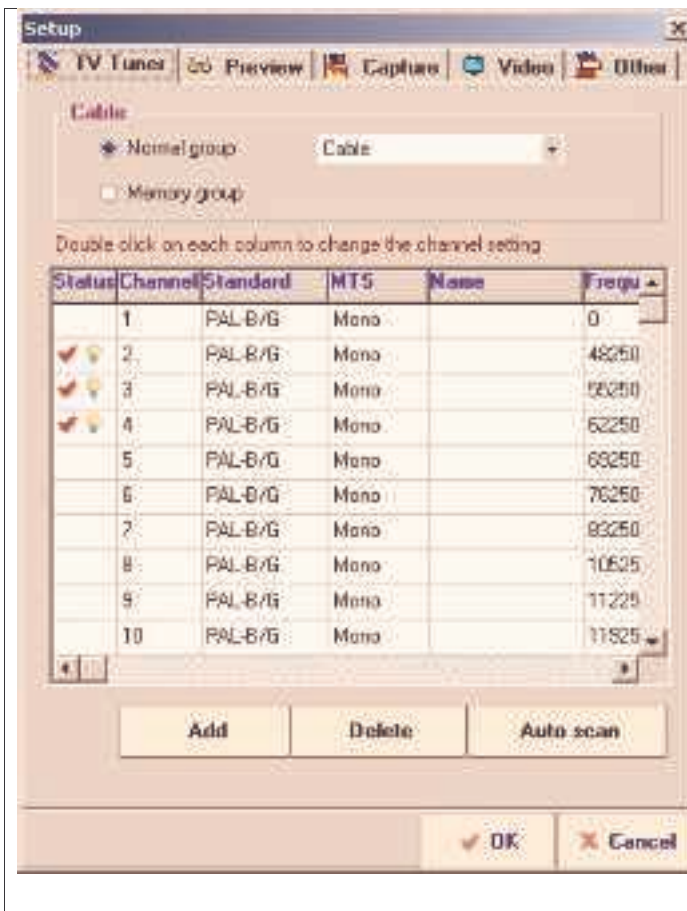
Clear: Deletes all entries in the playback list.

D. Time shift function:

You can activate the time shift function during the normal real time playing of the programme by selecting the time shift button . If the software is in time shift mode, you will need to wait a few seconds before you start playing.

Caution!: The maximum of the time shift mode, depends on the free space of your harddisk.

3.3 Setup utility for TVR:



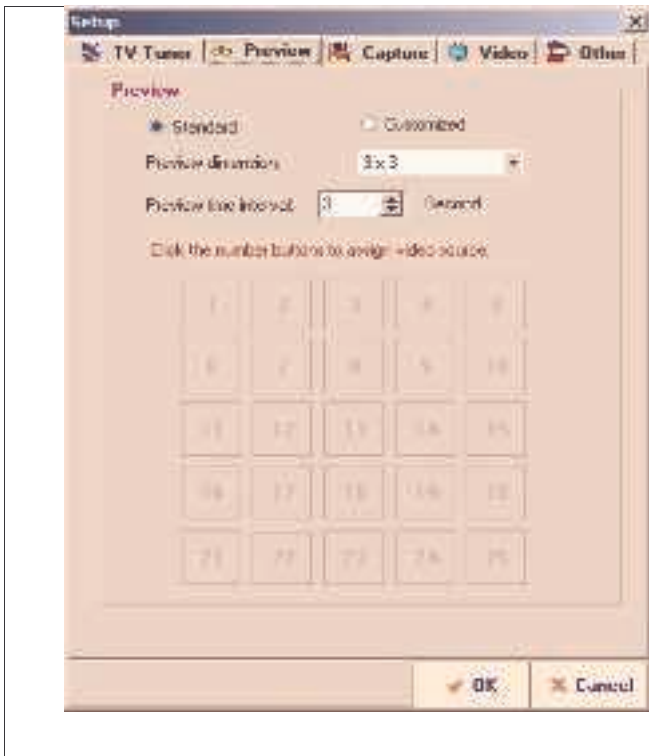
TV Tuner:

The TV Tuner setup page allows the user to **Sort** or **Rename** the TV channels that were found. You can automatically search for TV programmes via **Cable** or **Antenna** and you can add or delete programmes to/from the channel list. You can edit the individual channels by double-clicking the relevant channel. You can set the video standard, audio options, channel names and the frequency (fine adjustment).

Normal group: You can switch between reception via **Cable** or **Antenna**.

Auto scan: Click the button to perform the action.

- **Preview setup:**



Preview:

The Preview setup allows you to customise the channel preview settings to suit your own requirements. There are two preview types: Standard and User-defined.

Standard:

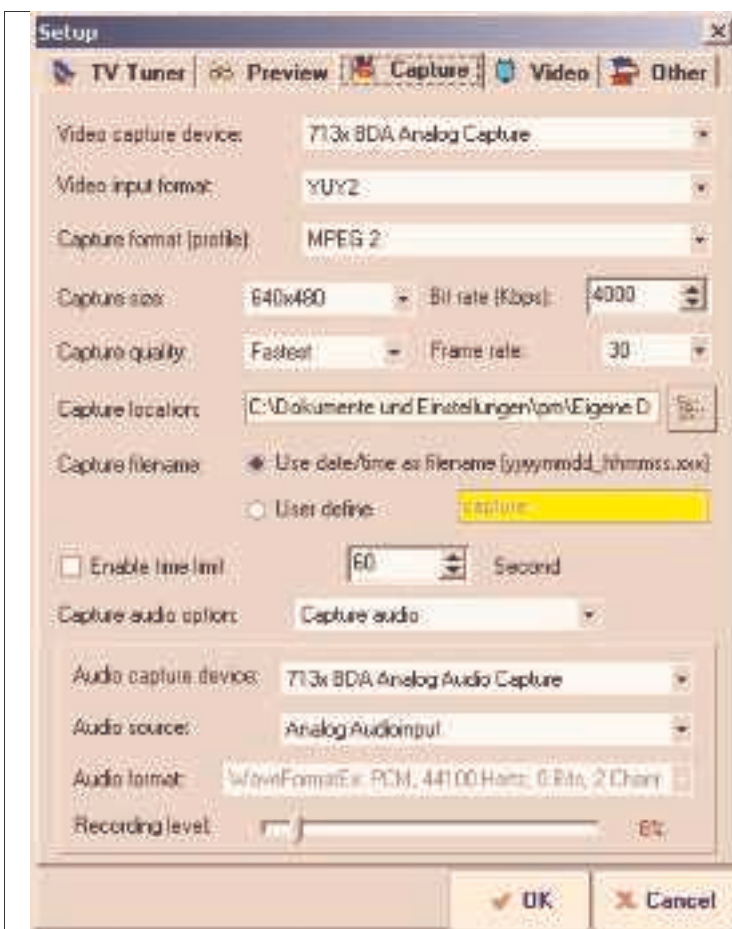
You can select from the following preview options: 2x2, 3x3, 4x4, 5x5

Preview time intervals: This is where you can set the preview time intervals:

Customized:

You can use the number pad to assign a certain programme in the preview menu.

- **Capture setup:**



Video capture device: Select the video recorder

Video input format: Select the video input signal YUY2, UYVY and RGB24

Capture format (profile): You can set the recording format for the video here.

Capture size: Size of the video resolution

Bit rate (Kbps): Bit rate setting

Capture quality: Recording quality setting

Frame rate: Frame rate setting

Capture location: Save location setting

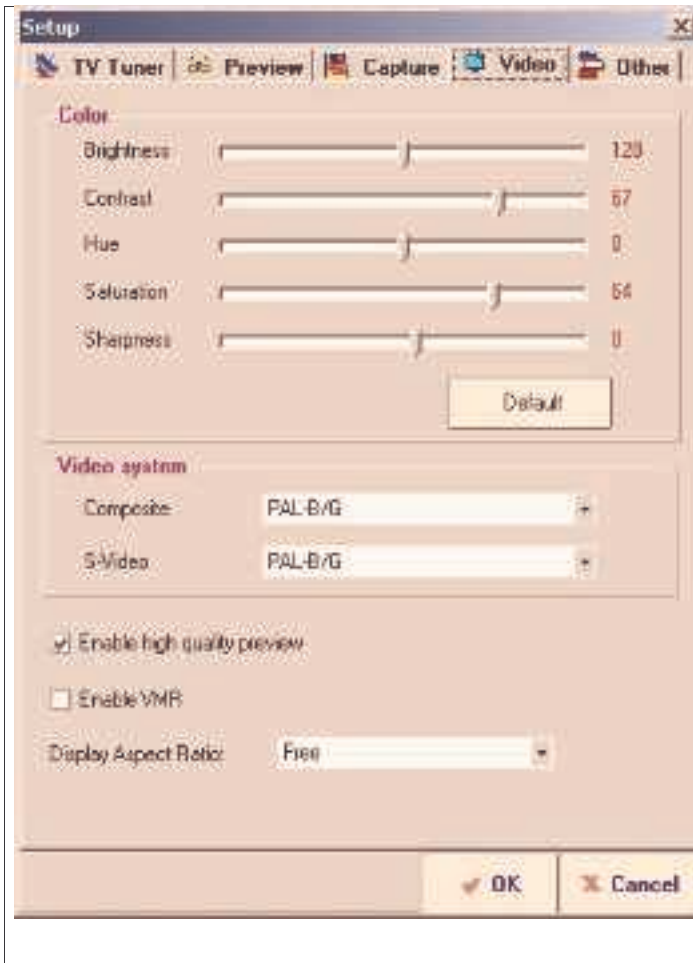
Capture filename: File name of the recording. Use date/time as file name.

Enable time limit: Set time limit

Capture audio option: Select "Capture audio", "Capture audio only, no video capture" or "No audio capture".

Audio capture device: You can select your audio recorder here.

- **Video setup:**



Colour

Settings for brightness, contrast, hue, saturation and sharpness. Move the respective bars to customise the image.

Video system

You can set various TV standards here. If you travel to a country that does not have the same TV standard as your own country, you can change the standard here accordingly.

Enable high quality preview:

Activates the preview in high quality

Enable VMR:

If your graphics card supports VMR, please select this option. If your graphics card does not support this mode, please ensure that this option is not selected.

Display Aspect ratio: You can select the following aspect ratios: 4:3, 16:9 or free.

- **Other:**




Multi language option:

You can change the software language here.

MPEG4 Codec:

You can select the various MPEG4 codecs here, e.g. Microsoft V2 or Divx.

3.4 Planned recording jobs:

To plan and enter the recording in advance, click the  button.



TV Source: The source from which recording should take place. (analogue or digital)

Capture source: Different sources can be selected here depending on the selected source (analogue or digital). (For example, TV antenna, TV cable, FM, S-video, etc.)

Channel: Select the required channel

Capture format (profile): Select the format for your recording.

Capture size: Size of the video resolution.

Bit rate (Kbps): Bit rate setting.

Capture quality: Recording quality setting.

Frame rate: Select frame rate (PAL 25)

Capture audio option: Select "Capture Audio", "Capture Audio only, no video capture" or "No audio capture".

Filename option: File name of the recording. Use date/time as file name.

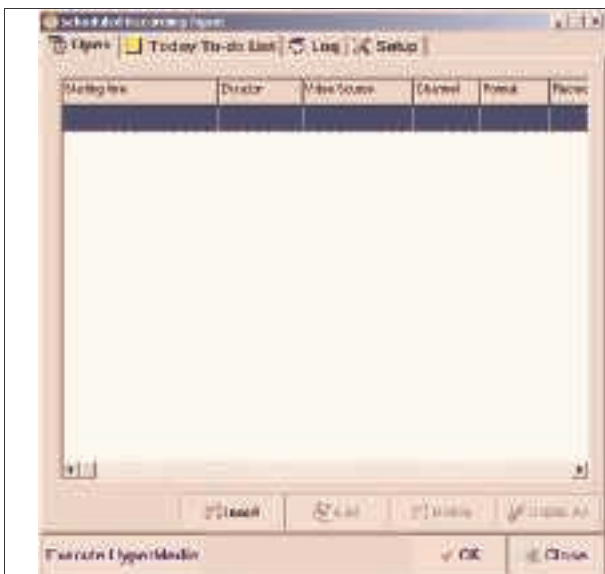
Current time: Shows the current time.

Starting time: Enter the day and the start time of the programme you want to record.

Duration: Enter the duration of the programme to be recorded.

Recording rule: Specify the recording type. The default setting is "One-off".

- **Open:**



Open:

Once you have entered the programme to be recorded, it is listed here.

Insert: You can define a new timer recording here.

Edit: You can edit the selected timer recording afterwards.

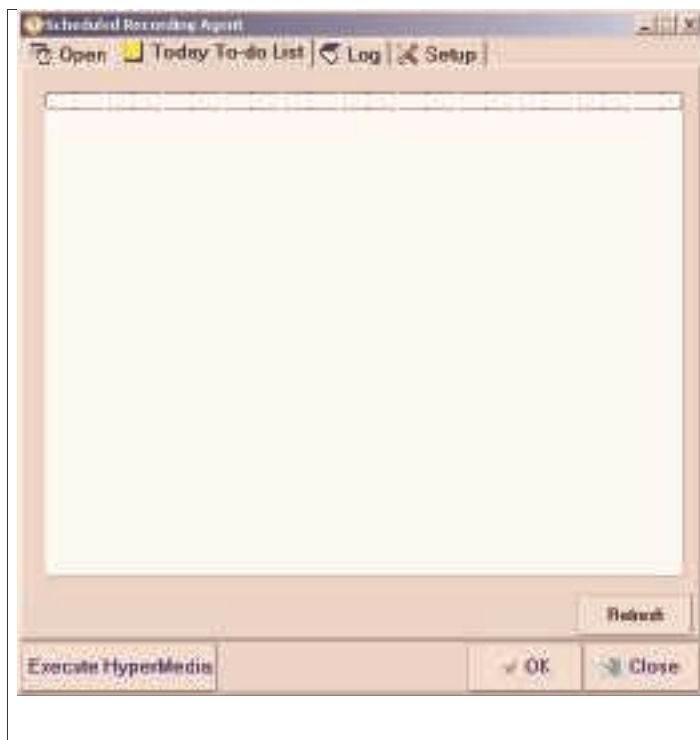
Delete: Delete the selected timer recording.

Delete all: Delete all added timer recordings from the list.

Start power-off schedule: When you click this button, the computer immediately goes into hibernation mode and wakes up again in time to start recording at the time entered.

Note: To be able to use this function, your operating system must support hibernation and "Hibernation" mode must have been enabled in advance. Otherwise, this function will not be shown or will not work. For information on how to enable hibernation mode, please refer to the manual for your operating system or computer.

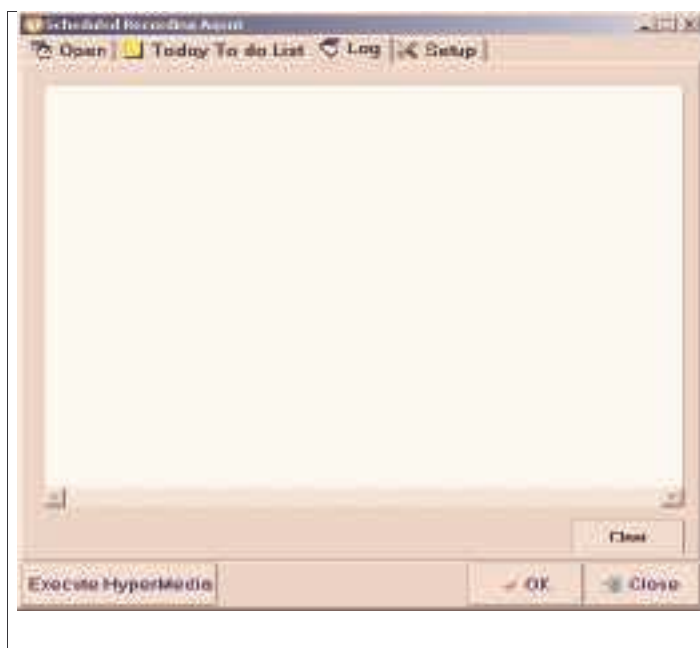
- **Today To-Do List:**



Today To-Do List:

When you select this option, all programmes selected for the current day are displayed.

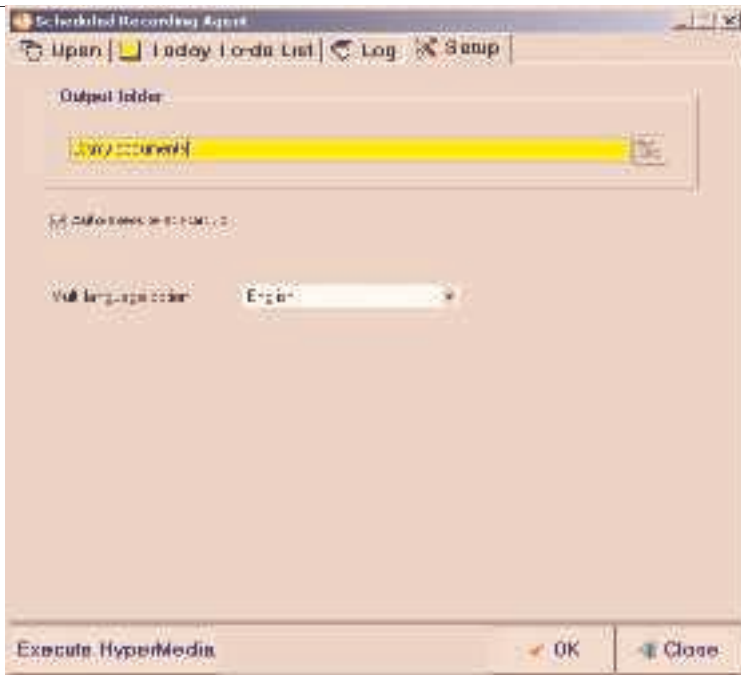
- **Log:**



Log:

If a timer recording failed, the error is noted in the **Log** file. A more precise description of the error is listed here.

Setup:



Output folder:

You can specify the save location for your films here.

Autostart at reboot:

If this option is selected, the timer recording service is started automatically every time Windows is restarted.

Multilingual option: You can select the language here.

Start power-off schedule: When you click this button, the computer immediately goes into hibernation mode and wakes up again in time to start recording at the time entered.

Note: To be able to use this function, your operating system must support hibernation and "Hibernation" mode must have been enabled in advance. Otherwise, this function will not be shown or will not work. For information on how to enable hibernation mode, please refer to the manual for your operating system or computer.

3.5 Channel preview:


Click the  button to start the channel preview.



Channel preview:

During the channel overview process, you can call up any channel directly by making a selection with your mouse or the cursor.

3.6 Snapshot:

You can take a snapshot of the current programme by clicking the  button. When you take the picture, a window labelled Snapshot is opened. You can view, save or delete all snapshots that have been taken to date.



Note: Two image formats are supported - bitmap and JPEG. You can specify the format in which you want to save the image in the Save dialog box.


3.7 Sleep function:

The sleep function allows you to set the time after which the computer will be shut down. The screenshot below shows the function. Move the slider to select any time between 0 and 300 minutes. Click **OK** to accept the setting. The computer will then shut down after the set time.



3.8 Pop-up menu

You can open the pop-up menu at any time while the HyperMedia software is running. To do so, right-click or press the F12 key on the keyboard. A description of the functions is given below.

	<ul style="list-style-type: none">● Always on Top: - The image is always to the front● Display Aspect Ratio: - You can set the aspect ratio here (free, 4:3 or 16:9)● Full screen: - Switches to full screen mode● Previous channel: - Switches to the channel previously selected● Next channel: - Switches to the next channel● Recall Channel: - Switches to the channel that was last viewed● Channel Preview: - Lists all available TV channels in mini format.● Capture: - Starts the recording● Time Shifting: - Starts time shift● Snapshot: - Generates an image from the current programme● Setup: - Opens the setup page● IEPG: - Uses the Internet as a source for the EPG (Internet access is required for this)
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Chapter 4 MPEG ENCODER

4.1 Using the user interface:

Click the  icon to start the MPEG encoder.



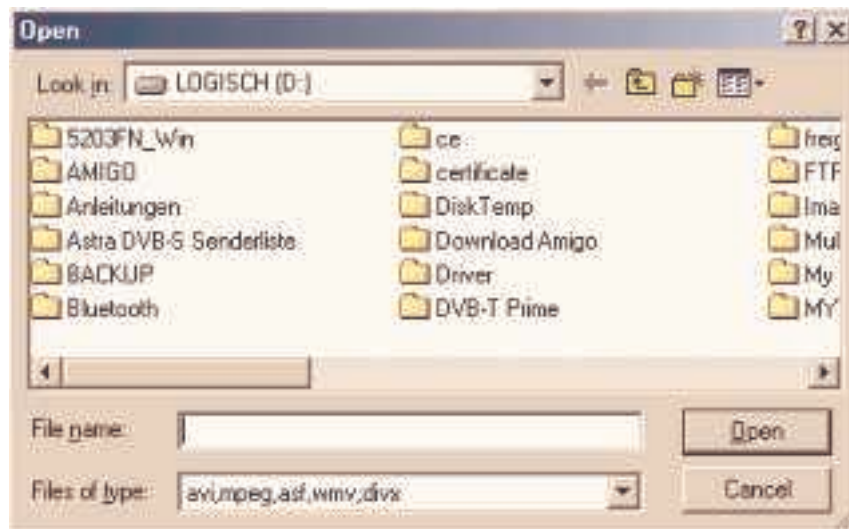
The default window comprises 4 parts.



Header buttons	Add data; Delete data; Set options; Start and end coding.
Batch Process Display Window	Shows file names; Coding status; Screen size and playing time of the file to be coded.
Progress Display Window	Shows format information on the file just processed.
Preview Display Window	Shows the video of the file just processed.

4.2 Editing a video stream

The MPEG encoder converts video data from one format to another. Data that can be converted must match the following standards: **AVI, DV-AVI, MPEG-1, MPEG-2, ASF, WMV, DivX** and **DAT**.



To add a multimedia file for processing, click "+" or the "Add" button. The **Browse** menu is then displayed. Search for the required directory (file) and then click "**Open**". (Another way of adding files to be displayed for batch processing is to simply select the file and to then drag and drop it.)

The **Options** selection menu is displayed as soon as the multimedia file is added. You can then select the output format for the conversion. Choose from 4 format categories: **MPEG 1**; **MPEG 2**; **WMV** and **AVI**; each category has a tab at the top of the window. Once you have selected the format category, select a specific video format (and individual options if necessary).



The output file is created in the directory of the original file unless the path has been changed manually. The name of the original file is retained and the file extension is changed in accordance with the selected conversion format. You can change the name of the file manually.

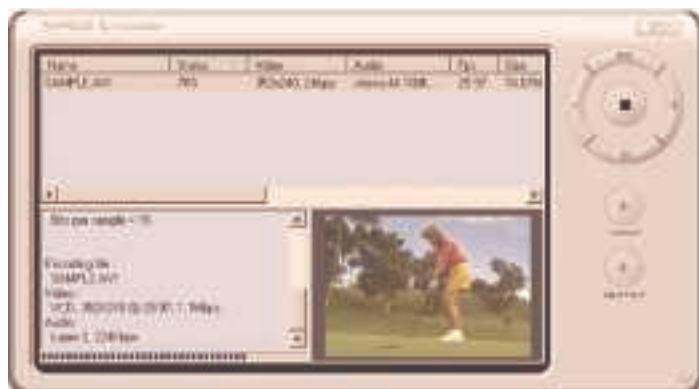
Once you have selected the output format and confirmed the options with "OK", the file is displayed in the batch processing display.

Name	Status	Video	Audio	Fps	Size	Duration	Target full p
SAMPLE.AVI	Waiting	352x240, 16bpp	stereo, 44.100K...	29.97	16.67MB	19 sec	E:\capture\

The batch processing display shows 3 processing levels in the Status column.

1. **Waiting:** Means that the file is ready for processing (compression and/or conversion). When you click the Coding button, video files with the status "Waiting" are processed.
2. **Exception:** The file will not be processed.
3. **Completed:** Indicates that processing has finished (compression and/or conversion). To change the status of a file from "Waiting" to "Exception" (and vice versa), double-click the line with the file. The status "Waiting" is then changed to "Exception" and is indicated as "Skip". In the same way, a file with the status "Skip" is changed to "Waiting" when you double-click it.


Name	Status	Video	Audio	Fps	Size	Duration	Target full p
SAMPLE.AVI	Skip	352x240, 16bpp	stereo, 44.100K...	29.97	16.67MB	19 sec	E:\capture\



During processing, the **Status** column shows the processing level in percent. In addition, when processing starts, the **Coding button** (right arrow) becomes the **Stop** button. If you click **Stop** during processing, the process is cancelled. Once processing has taken place successfully, the status changes to **Completed**. To process the same file again, for example with different options, double-click the file in the display. The status then changes to **Waiting**. To change the options, click the file to select it and then click the **Options** or **Change** buttons to open the **Options** selection menu.

To view the converted video file, select the file and then click the Playback button.

Section 5 VIDEO EDITOR

Click the  icon to edit your video clip.



The video editor has the following areas.



Menu:

Open file, Delete file/video, Video properties, Colour of the user interface, Minimise, Maximise, Close and Help.

Display:

Play original video clips, play edited videos (preview), show the save process.

Video clip editing area:

Original clips and clips that have already been edited

Frame editing area:

Select frame area, Assign video sequences, merge several frames in a video.

Title editing area:

Add title, Font type, Font size, Font colour, Effects (straight line, curved line)

Audio editing area:

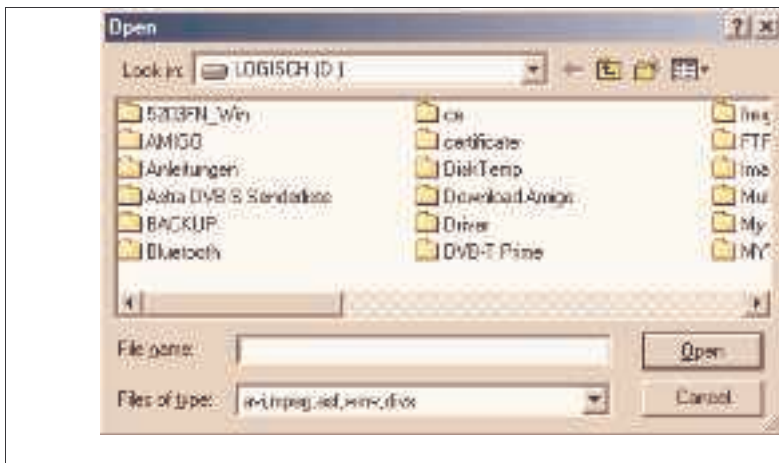
Allows you to add sounds and sound effects

Special effects editing:

Use colour effects, Use filters, Use skip effects, Noise reduction filter, etc.

5.1 Menu

-  **Open file/Video clip**



Supports MPEG-1 and MPEG 2 multimedia files (video and audio), AVI (DV-AVI).

Select a file and click "**Open**".

-  **Delete file/Video clip**



Delete video clips listed in the right-hand window.

It is only when "**Delete file**" is selected that the file is permanently deleted.

-  **MPEG features**



5.2 Display



1. Recorded video clips:

- Show recorded video clips. (Double-click or Drag&Drop)
- Edited video clips cannot be shown here.
- The title can be changed in title editing mode.
- All registered audio data is displayed in audio editing mode.
- All available filters are listed in special effects mode.
- Displays the information when the final video is created.

2. Edited video clips:

- Shows edited video clips. (Double-click or Drag&Drop)
- The original video clips cannot be shown here.
- You can use the preview function to view edited videos.

5.3 Frame editing:

1. Select the frame area to be edited:

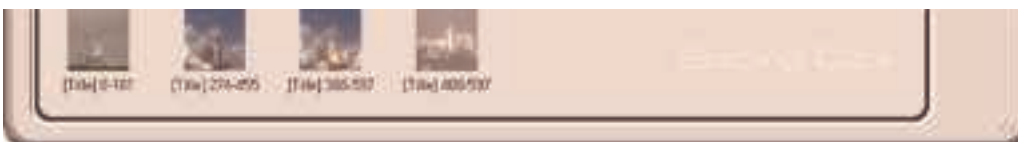


2. Specify frame area:


To add a complete video, drag the video clip into the editing window (left).

To add clips from a video, drag the video clip into the left preview display. Then use the Mark-in/Mark-out (Select)

key, cut the video sequences to be edited and click the  key, to transfer these clips to the right-hand window. You can use the steps described above to merge multiple frames to form a video.



3. Editing and saving video frames

Use the  key in the menu to add video clips. Alternatively, you can drag the recorded video clips and drop them in the left window.

You can view the video on the display and select frames for further editing.

4. Editing video frames:



To edit video frames, click  and select the required area in the time bar. Click "Mark-in" to define the start of the video clip and click "Mark-out" to define the end of the video clip.

You can repeat scenes any number of times by adding the same video frames again.

1. Video sequences that are not required can be deleted.
2. Before saving the final video, you can check the editing in the preview function and change it if necessary.
3. You can repeat the above steps any number of times.
4. Save the final video once editing has been completed.

Section 6 Creating a DVD



Click the  icon to start creating a VCD, S-VCD or DVD.




6.1 Adding file(s)



Select the file format:

- DVD: For a DVD.
- VCD: For a video CD.
- SVCD: For a super VCD.
- DATA: For a multimedia files CD.

This window is displayed when you click . Once they have been added, video or image files are displayed in miniature view (as shown on the left).




Files that have been added can be deleted. Select the file to be deleted and click .

When all the necessary files have been added, click  to continue.


6.2 Burning





: This button allows you to return to the previous menu. You can add files and specify file formats in the previous menu.


1. Select the DVD/CD burner.



2. : Open the DVD/CD drive.

3. : Remove all contents on the DVD/CD.

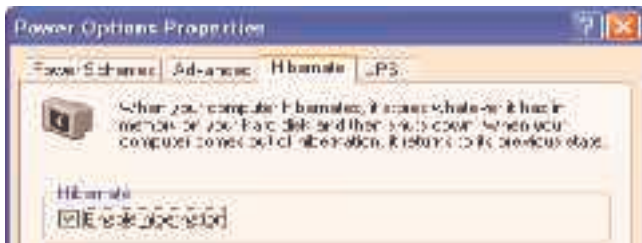
4. : Open the options window.

- NTSC, PAL, Both: Select the video type.
- Supports XVCD and XSVCD: File rate is not selected to support XVCD and XSVCD.
- Write test before the actual burning: Checks whether the DVD/CD burner is working correctly.
- Directory: You can specify the temporary folder that the software program needs for burning the CD/DVD.
- Once you have selected a DVD/CD burner and have configured the settings under Options, click  or Yes to start burning the DVD/CD.

Section 7 Questions and Answers


Q1. How do I use the power-off recording functions?

A1: Before using these functions ensure that Windows supports hibernation mode.



Step 1. Select "Screen properties" and then "Screen saver".

Step 2. Click "**Power**" and select "**Hibernation**". You will then see the "**Enable hibernation**" option. Once you select this option, you can use the planned power-off recording functions.

Step 3. To make settings in the time planner, click . When you have finished making the settings, click "**OK**" to continue.

Q2. How can I convert video clips to MPEG4 format?

If you are using other sources such as the composite or S-video input terminal, you can digitalise these clips in MPEG4 format. Proceed as follows to digitalise a clip in MPEG4 format.

Step 1. Two different MPEG4 formats are supported - the Microsoft format and the DIVX format.

If you have not yet installed the MPEG4 code on your computer, go to the following websites and download the relevant code.

DIVX: <http://www.divx.com/>

Microsoft: <http://www.microsoft.com>

Step 2. Install the MPEG4 code.

Step 3. Click the setup button () to make the recording settings. Select MPEG 4 format.

Step 4. Switch to the **Other** tab and select the required MPEG4 code there:

Select either Divx or Microsoft V1 to V3.

Step 5. Once you have made the settings as required, click "**OK**". You can now use the record function to convert the required clip to MPEG4 format.