

HyperMedia User Manual

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V3.0

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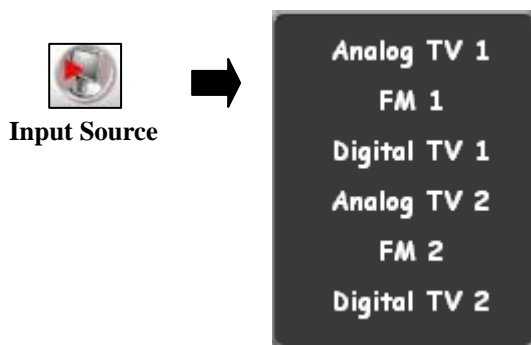
Chapter 1 : HyperMedia Software Functions

1.1 HyperMedia Introduction

HyperMedia is a multi-function application including watching TV, listening to the FM radio, editing film and burning DVD function. When using it, there are two main accesses to choose, one is “Input Source” for selecting TV & radio function and another is “Extra application” for film function. Picture below is an example of how the interface looks like and a short description of each function.



「Input Source」: Select signal sources. (Note)



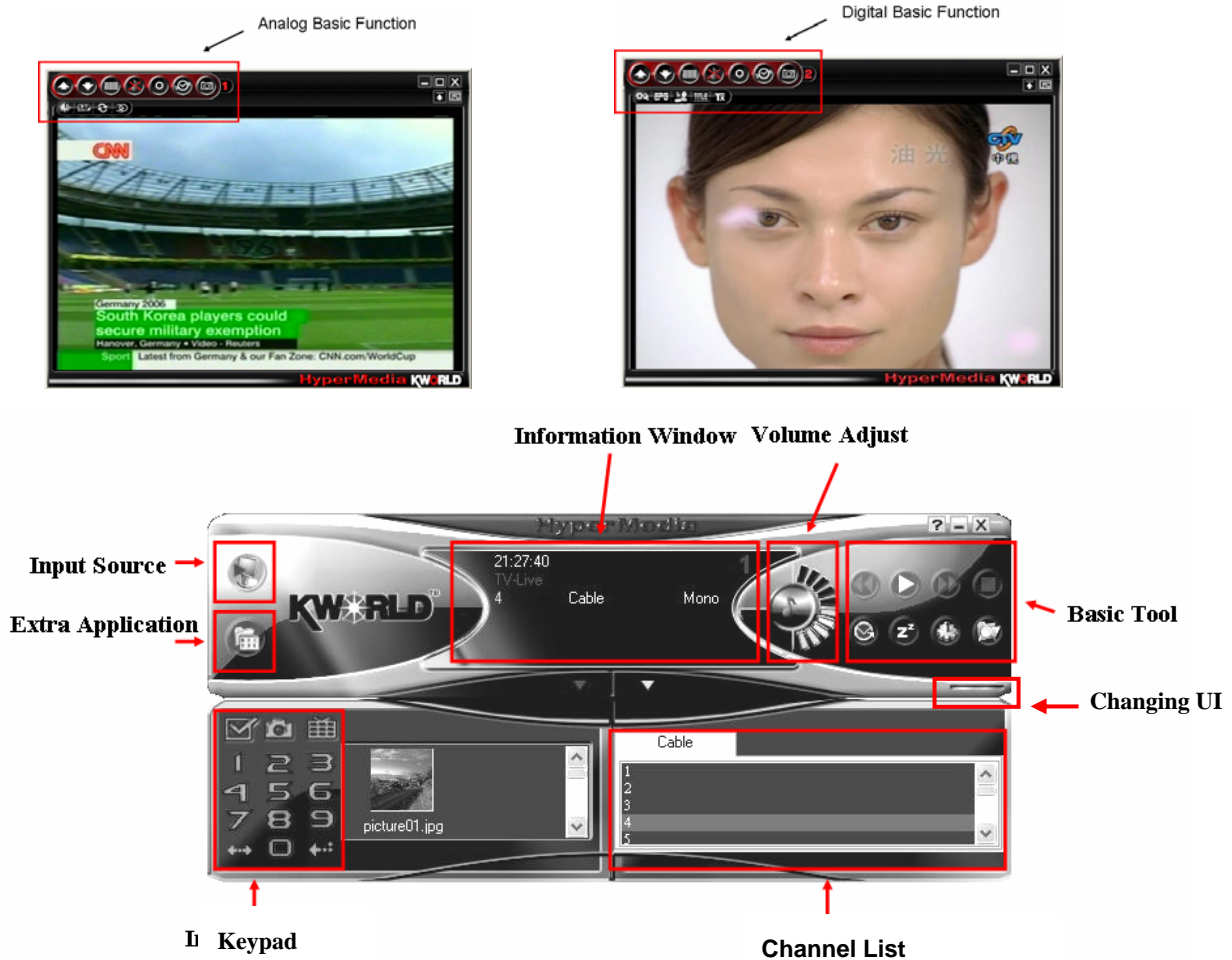
「Extra Application」: You can convert AVI file to MPEG, edit film easily & burn the film into VCD , SVCD and DVD.



Note : When you click “Input Source” button, you can choose different signal sources, such as Analg TV(ATV), Digital TV(DTV) and FM radio, however, it must depend on your TV tuner device.

1.2 Main Panel

Main panel provides a user friendly interface which allows users to use all of the TVR functions. For detailed instructions, please refer to the guide below.



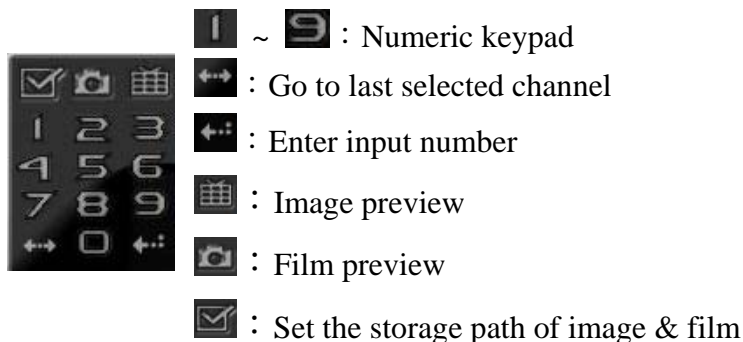
1.2.1 Information Window

Displays current state (Live, REC, Playback, and Time Shifting), TV sound state (Mono, Stereo or SAP), channel number, recording time, recording file size and current time.



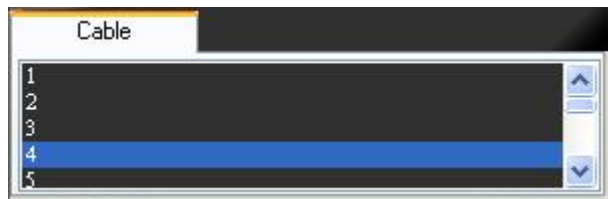
1.2.2 Keypad

Channel can be selected by clicking the number key on the control panel or keyboard.





1.2.3 Channel List


The index table on the left shows the channel list for which users could scroll up and down to choose the desired channel by double clicking.

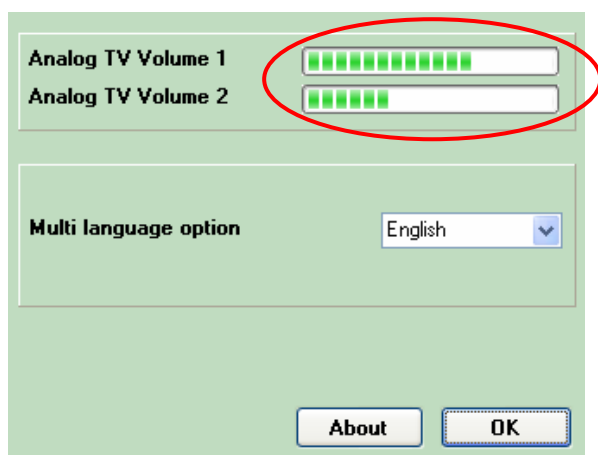


1.2.4 Volume












1. Click  icon to adjust the volume or press \leftarrow & \rightarrow key on the keyboard to adjust.
2. Click  icon to turn off all audio, click again to restore.

There is another way to adjust the volume. Please click “Audio & Language” button  of Basic tool. and adjust volume by mouse.


























1.2.5 Basic tool:

		Backward		Scheduled Recording
		Play		Sleeping Timer
		Forward		Audio & Language Setup
		Stop		Open Media File

1.2.6 Basic Function


Analog Basic Function


Digital Basic Function

Analog Basic Function			Digital Basic Function				
	Next Channel		Snapshot		Next Channel		Snapshot
	Previous Channel		Switch Source		Previous Channel		Teletext
	Channel Preview		Recall		Channel Preview		Subtitle
	Mute Audio		SAP		Mute Audio		SAP
	Record		Setup		Record		EPG
	Time Shifting				Time Shifting		Setup


1.2.7 Record, Playback and TimeShifting

A. Record Function

TV programs can be recorded live when clicking the record button  on main panel or choose **"Capture"** on pop-up menu.

During capture mode, click the stop button  on control panel to stop recording or choose **"Stop"** on pop-up menu. Recorded files can be reviewed from the playback list after recording.


B. Media Player Control

Video files can be reviewed by clicking the play button  on the main panel. The playback windows will pop up and shows all captured files that have been recorded previously and recently played files. More than one video files can be selected to playback. TVR then shows the selected files in the play list.




 : Rewind

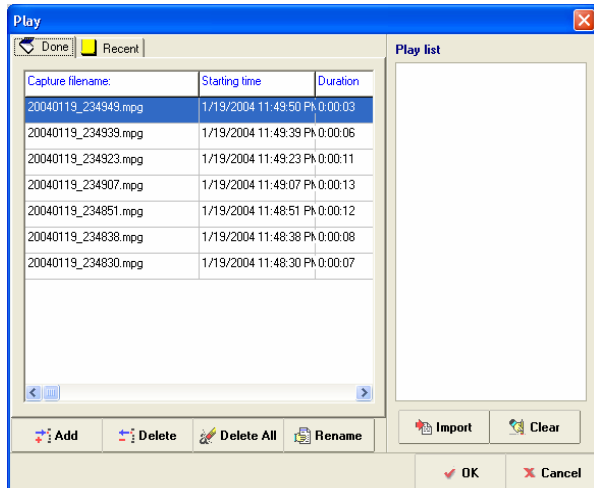
 : Pause

 : Fast forward

 : Stop

 : Snapshot

There is another way to play video file. Please click the “**Open Media File**”  button of Basic Tool.



Add: Add selected item to play list. Double click the selected item to add to play list.

Delete: Delete selected item.


Delete All: Delete all items.

Rename: Rename selected item.

Import: Import file(s) to play list.

Clear: Clear all items on play list.

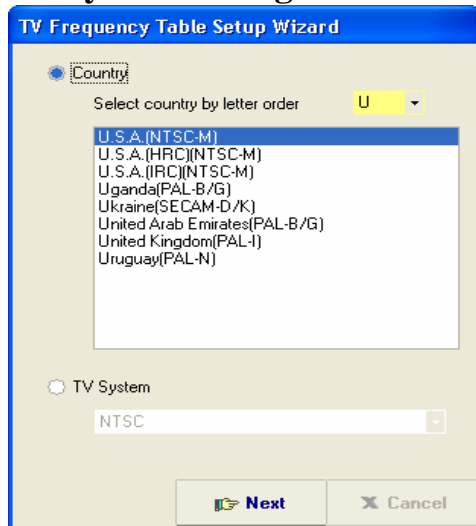
C. Time Shifting Function

During live mode, choose “Time shifting” function by clicking  on main panel or choose "Time Shifting" on pop-up menu. When in time-shifting mode, **you need to wait for a few second** before starting playing. While in “Time Shifting” mode, current video and time-shifting video window can be switched by clicking "Real Screen" button on pop-up menu.

Chapter 2 : ATVR

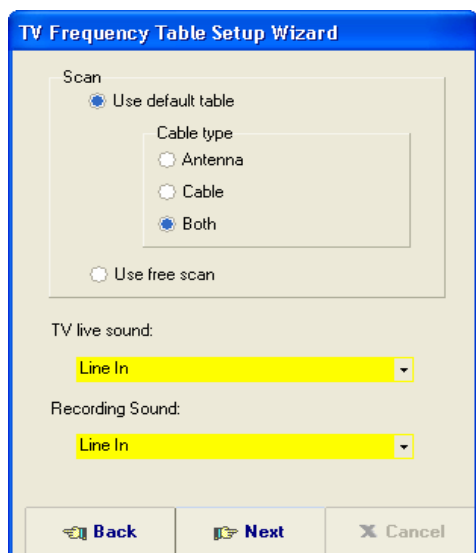
ATVR is a powerful and easy-to-use application which converts your PC system into a feature-rich video/audio entertainment center. It provides users with functions to watch, record, and play analog TV on PC.

2.1 System setting and channel scan



When executing ATVR at first time, *TV Setup Wizard* will help you to set your TV configurations step-by- step.

1. Select “*Frequency Table*” and “*Video Standard*” (NTSC, PAL or SECAM) either by “**Country** or “**TV System**”.



2. Set frequency input source from “**Cable type**” and sound source from “**TV live sound**”. TV live sound is the audio device channel that connects to your audio-out of TV tuner card.

Note: *If you connect “Line-out” from TV card to “Line-in” of sound card, you should select “Line-in” under “TV live sound’ and “Recording Sound”.*



3. Click “**Start**” to start channel scanning.
4. After scanning the set frequency range, click “**Finish**” to activate ATVR to follow the frequency table set from channel scanning to do channel mapping.

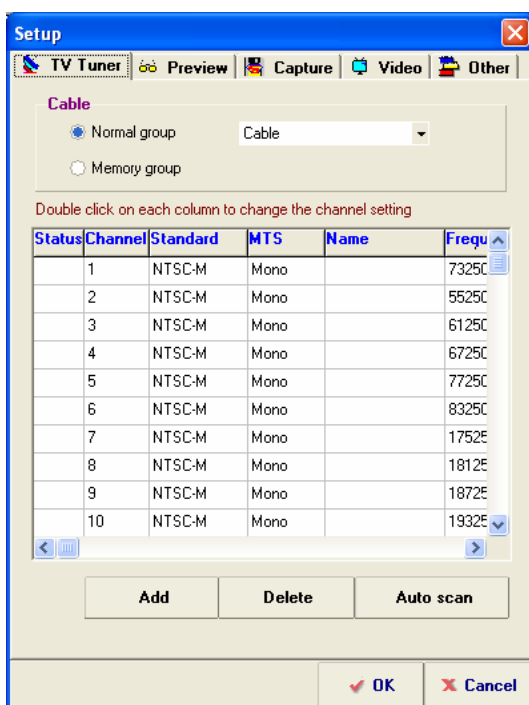
Note:

1. ATVR's default frequency scanning range is dependent on country code set by Windows OS, but scanning range might not be entirely correct. You should check and select a valid option for your origin if necessary.
2. When re-configuring current TV frequency table at anytime, choose "**Reset TV Option**" from the option menu by *Right-Clicking* on the display panel.

2.2 Setup Utility for ATVR

When clicking "Setting" button  of Analog Basic Function, "Setup" windows will pop up.

2.2.1 TV Tuner Setup



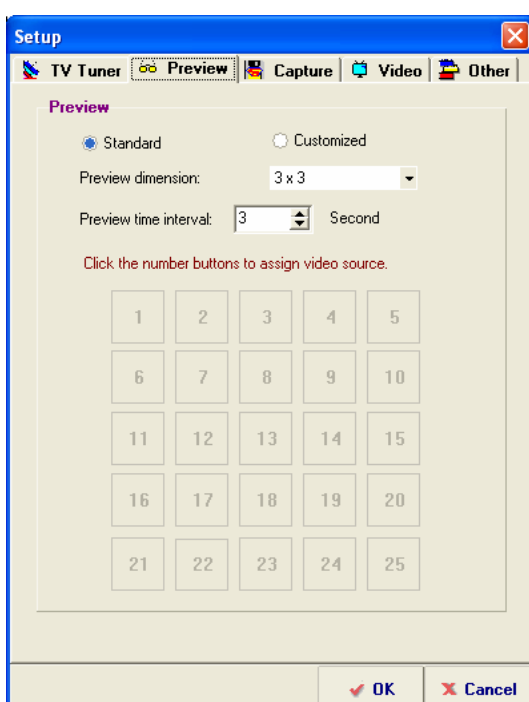
TV Tuner setup property page allows users to customize and configure TV channels or edit favorite memory channels. Cable or antenna signal can be scan automatically for available channels or manually label and identify favorite channels, as well as include and/or exclude channels from the channel list. In channel list table, channel settings can be changed by double clicking each column, like video standard, MTS option, channel name and frequency fine tune.

Normal Group: Switch TV source from antenna to cable or vice versa.

Memory Group: Users can assign any order of channel number or video source they like.

Auto Scan: Click the button to start Auto Scan function.

2.2.2 Preview Setup



The preview setup property page allows users to customize and configure TV channels for channel surfing. There are two preview options: **standard** and **customized**. At standard mode, channel surfing by the order

Standard

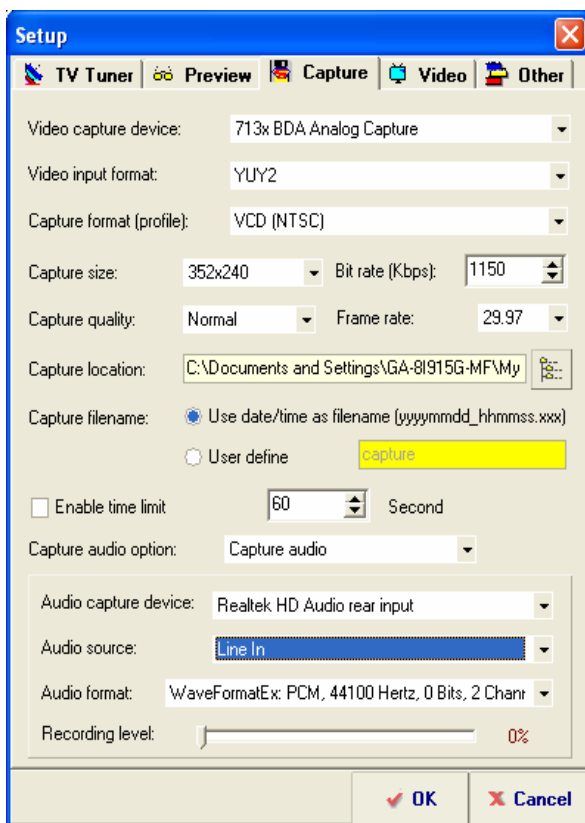
To select the Preview dimension: 2x2, 3x3, 4x4, 5x5

Preview time interval: Setting the interval time. The minimized value is 2 sec.

Customize

When choosing this function, settings of the video source of each channel can be updated. By clicking on the numerical keys, settings of the desired video source can be chosen.

2.2.3 Capture



Video capture device: Decide video capture device.

Video input format:

Select your video input format as YUY2, UYVY or RGB.

Capture format (profile):

Setting what kind of video format you want to record.

Capture Size: Setting video capture size.

Bite Rate (Kbps): Setting capture bite rate.

Capture quality: Setting capture quality.

Frame Rate: Setting capture frame rate.

Capture location: Setting up capture folder.

Capture filename:

Capture file name setup. "User date/time " as default filename or user define.

Enable time limit: To limit your record time.

Capture audio device:

Select "Capture audio", "Capture audio only, No Video" or "No audio". When select "Capture audio only, No Video", to capture files, either WAV or MP3 format can be selected.

Audio capture device:

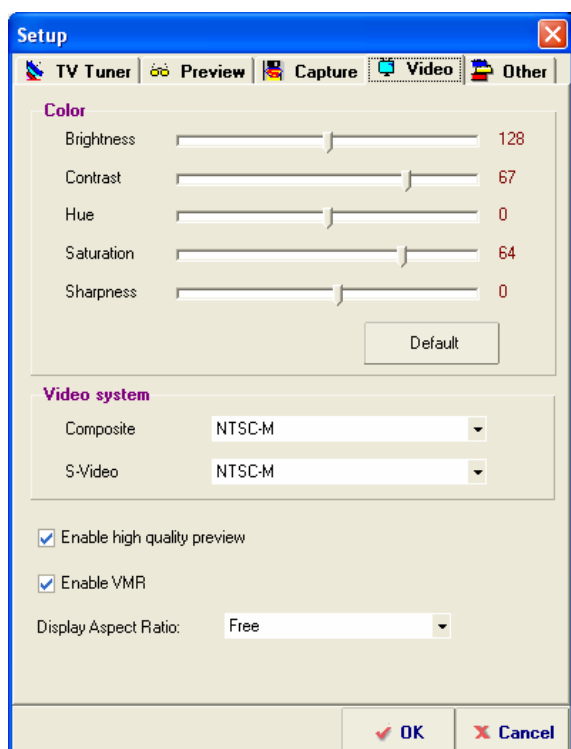
Select which audio capture device you want to use.

Audio Source:

Setup the audio source. (Recommend using Line in.)

Audio format: Setup audio capture format.

2.2.4 Video Setup



Color

Brightness, contrast, hue and saturation adjustment. Move the pointer of each scroll bar to see the effect.

Video System

Although the TV tuner on your TV tuner capture card is fixed and have to set up the TV system right after the first time you launch TV PLUS, you still have the chance to use this product to display the various standard of video system.

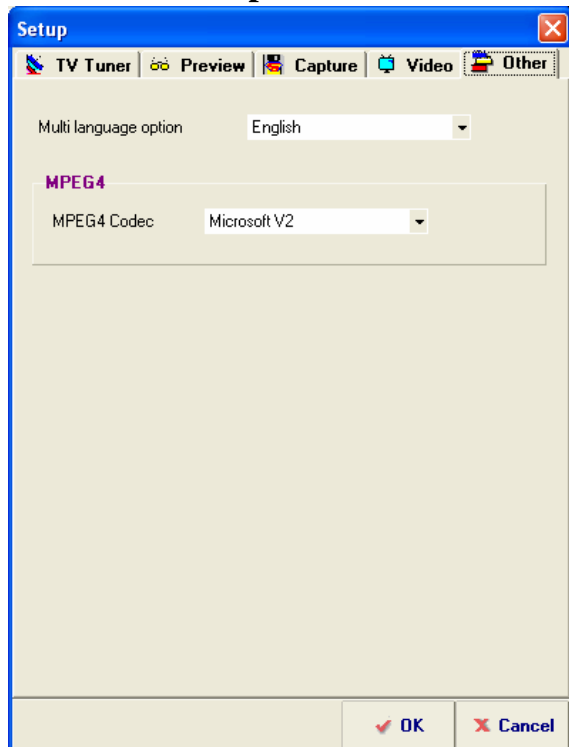
Always on Top: The preview window will show topmost.

Enable high quality preview: Enables high quality preview mode

Enable VMR: If your VGA card supports VMR, please use it as the display mode. If your VGA card doesn't support VMR, please disable this function.

Display Aspect Ratio: Aspect ratio can be chosen at 4 : 3 , 16 : 9 or free mode.

2.2.5 Other Setup



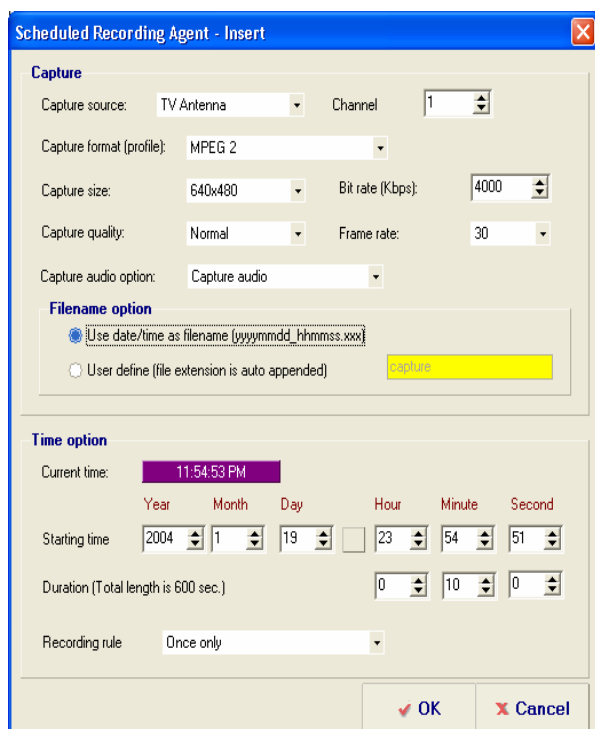
Multi language option: To select the different language interface on line.

MPEG4 Codec: You can use this option to select different MPG4 code such as Microsoft and DivX codec.

2.3 Scheduled Recording

When clicking the button , you can start using schedule recording agent to insert TV programs which you want to record.

2.3.1 Capture



Capture Source: Capture source including Antenna, Cable, Memory mode, Composite, S-Video and FM memory channel.

Channel: Select the channel you want to record.

Capture format (profile): Select what kind of video format you want to use.

Capture size: Setting the capture size.

Bit rate (Kbps): Setting the capture bit rate.

Capture quality: Setting the capture quality.

Frame rate: Select the frame.

Capture audio option: In this option, you can select either "capture audio", "Capture audio only, No video" or "No audio".

File name option: Date/Time is the default capture file name or defined by user.

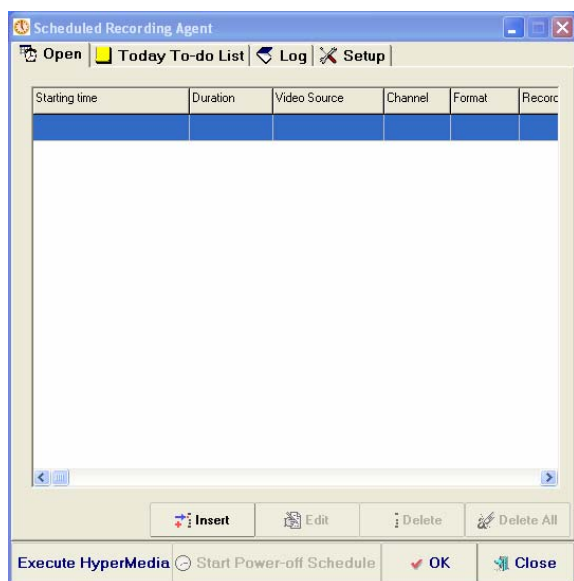
2.3.2 Time option

Current time: Show the current time.

Starting time: Enter the date and time to start record TV programs.

Duration: Enter the length which you want to record this program.

Recording rule: Enter the recording rule you want to use. The default value is "Once only".



Open: After entering a record schedule, you could see your record schedule which had been added to the Schedule Recording Agent.

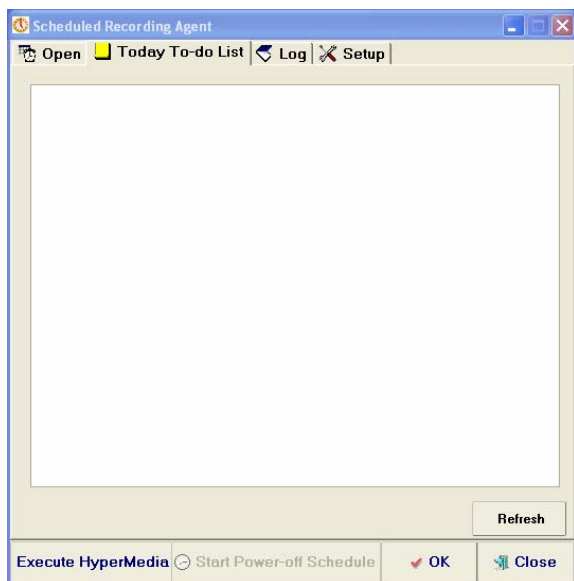
Insert: Insert a new recording schedule.

Edit: Edit previously entered recording schedule.

Delete: Delete selected recording schedule.

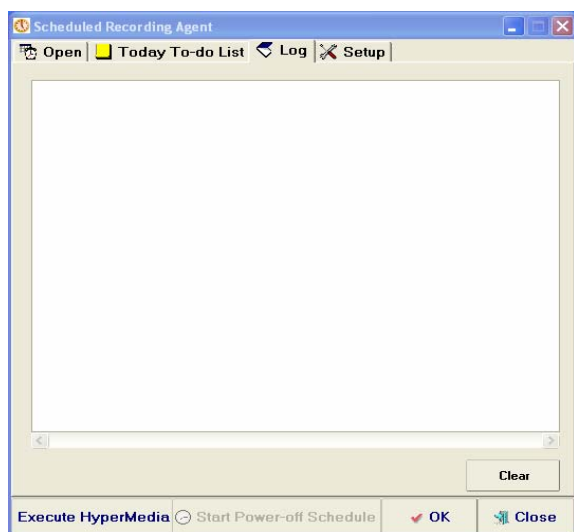
Delete All: Delete all recording schedule in the Schedule Recording Agent.

Start Power-off Schedule : To start the Start Power-off Schedule function. Once clicking on this button, it turns off the system immediately. PC will be automatically turned on and start recording TV programs when the assigned scheduled time is up.

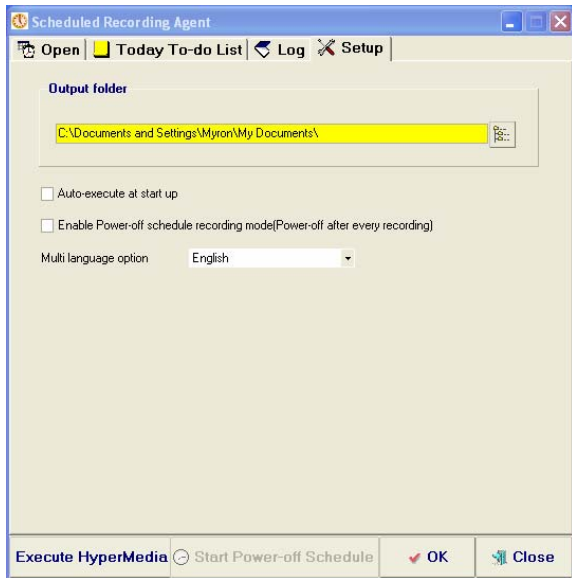


Note: To enable this function, please first enable "Hibernate" function in the windows power management configuration.

The "Today to-do list" frame shows all of the recording schedules set for today.



If any recording schedule had failed, an error message will be created automatically into the "Log" frame.




Output folder: Different capture folder can be changed to save the recorded files.

Auto-execute at start up: Enable this option makes schedule agent always execute at start-up, otherwise it will not execute. Default is enabled.

Enable Power-off schedule recording mode: Enable this option makes system shutdown automatically when schedule recording is over. Default is disabled.

Multi language option: To select the different language interface on line.


2.4 Channel Preview

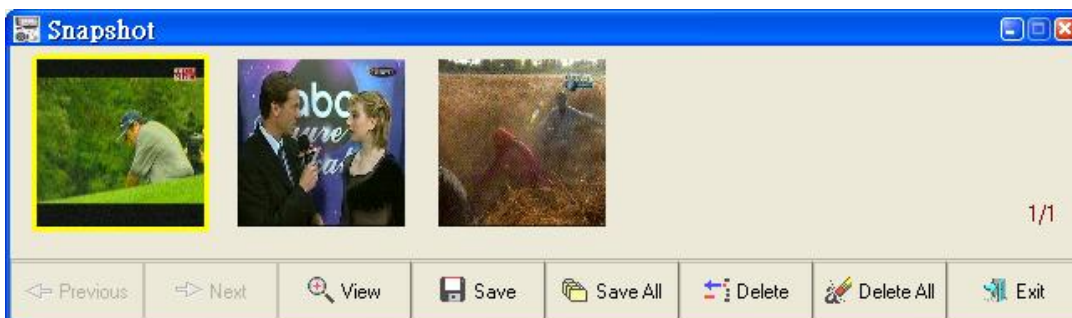
Click  from the control panel or choose "**Channel Preview**" on pop-up menu.



While in channel preview mode, use the arrow keys on the keyboard and press "**Enter**" or double click the left button on the mouse to exit the preview mode and watch the selected channel.

2.5 Snapshot

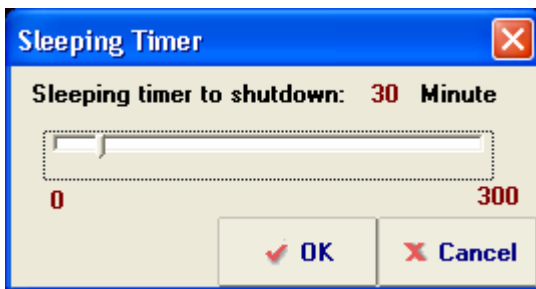
Snapshots (still image capture) can be taken from current viewing window by clicking  from the control panel or choose "**Snapshot**" on pop-up menu. The Snapshot window will pop up when a snapshot is taken. Here, users can view, save or delete images taken.



Note: The captured images can be saved in either bitmap or JPEG file format when saving the file.


2.6 Sleep Timer

Sleep timer function allows users to set the time to shutdown PC. Dialog box below shows when choosing the function:



You can use slide bar or left and right key to adjust the timer value, click “OK” to start or “Cancel” to exit.

2.7 Audio Output Mode

If your product model supports multi-language function, you can click the icon  to select different audio output modes. For example, audio output mode setup as stereo, mono or SAP.

2.8 FM Function (Optional)

FM is a powerful application which provides users to listen to and record FM radio. There are 50 memory channels that can be assigned. Scheduled recording of a specific memory channel can be used to record favorite shows. The following page shows descriptions for the FM control panel functions, and tips for operating FM features.





2.8.1 Information screen:






Display current state (FM, REC, Playback), channel number, recording time, recording file size and current time.



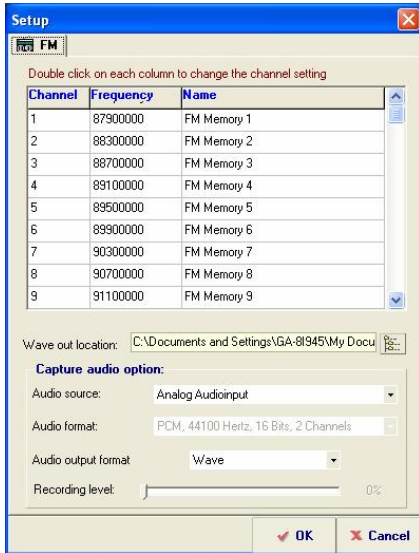
2.8.2 FM Basic Function



-  : Goes to previous enabled channel.
-  : Goes to next enabled channel.
-  : Record
-  : Increase 0.05MHz to current frequency value

-  : Decrease 0.05MHz to current frequency value
-  : Scan next available channel
-  : Scan previous available channel
-  : Add current frequency to memory channel list
-  : Setup

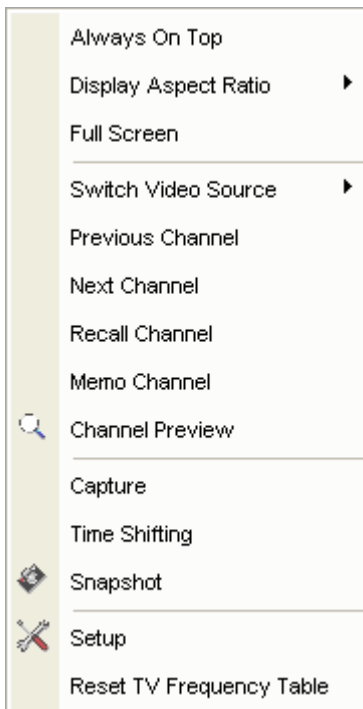
2.8.3 Setup



- **Channel Table** – You can directly select the channel by double clicking
- **Wave out location** – You can select folder to save the recorded files.
- **Capture audio option**
 - Audio Source** – Select Audio Source.
 - Audio Format**
 - Audio Output Format** – Slect the format you want (Wave,Mp3).

2.9 Pop-Up Menu

When running TVR, right-click the mouse while the cursor is on the display window or control panel to see the pop-up text menu. The commands on this menu are the same as those on the DTVR control panel, along with some extra options added. The menu's function is as described below.



- **Always On Top** - Set main window to topmost
- **Display Aspect Ratio**
 - Set the aspect ratio of the display window (Free, 4:3 or 16:9)
- **Full Screen** - Switch to full screen or restore to normal window
- **Switch Video Source** –
 - Switch video source from the following (Antenna, Cable, Memory, Composite and S-Video)
- **Previous Channel** - Goes to previous available channel
- **Next Channel** - Goes to next available channel
- **Recall Channel** - Goes back to last selected channel
- **Memo Channel** – Browse channels in memory list.
- **Channel Preview** - Browse available channels as sub-window
- **Capture** - Start recording video
- **Time shifting** - Start time shifting
- **Snapshot** - Capture still images of current picture
- **Setup** - Open TVR setup window
- **Reset TV Frequency Table**

Chapter 3 : DTVR

DTVDR is a powerful and easy-to-use digital TV application that provides the most feature-rich video/audio entertainment. With DTVDR, users can access **free-to-air digital terrestrial TV programs**. DTVDR provides a convenient way to watch and record Digital TV on your PC and allows users to playback the recorded TV programs.

3.1 Scanning Terrestrial TV signal

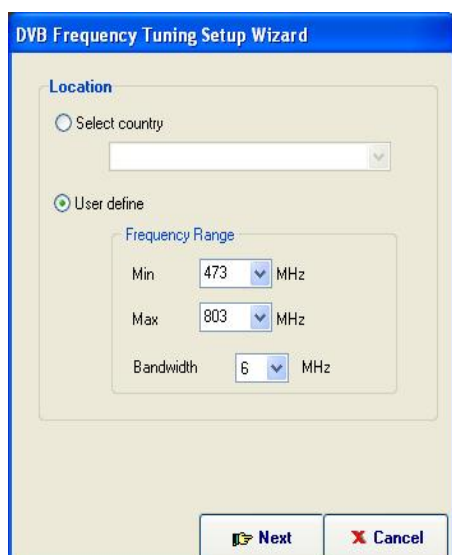
When running DTVDR for the first time, the “DVB Frequency Tuning Setup Wizard” will guide you through the setting of the correct frequency and then helps you to scan all the free-to-air digital terrestrial TV channels.

3.1.1 Two options to choose for setting up the frequency table.

Option 1: Select country : Select the country location where you are situated.

Option 2: User define : Maximum frequency, minimum frequency and bandwidth are needed to be set manually. If you are not sure about the frequency range and bandwidth, please choose “Select country” to use the default settings.

After finishing setting up, click “**Next**” to continue.



DVB Frequency Tuning Setup Wizard

Location

Select country

User define

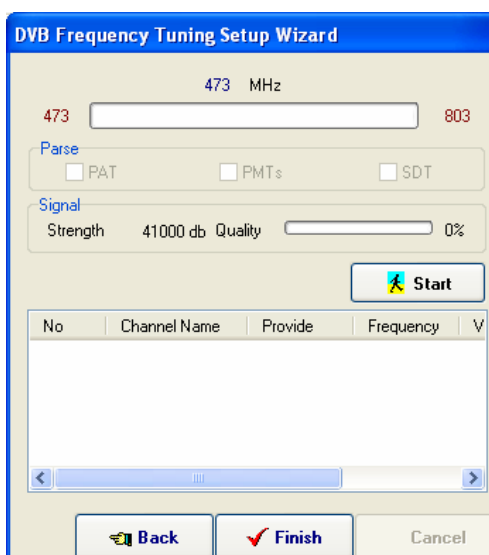
Frequency Range

Min 473 MHz

Max 803 MHz

Bandwidth 6 MHz

Next Cancel



DVB Frequency Tuning Setup Wizard

473 MHz 803

Parse

PAT PMT's SDT

Signal

Strength 41000 db Quality 0%

Start

No	Channel Name	Provide	Frequency	V
----	--------------	---------	-----------	---


Back Finish Cancel

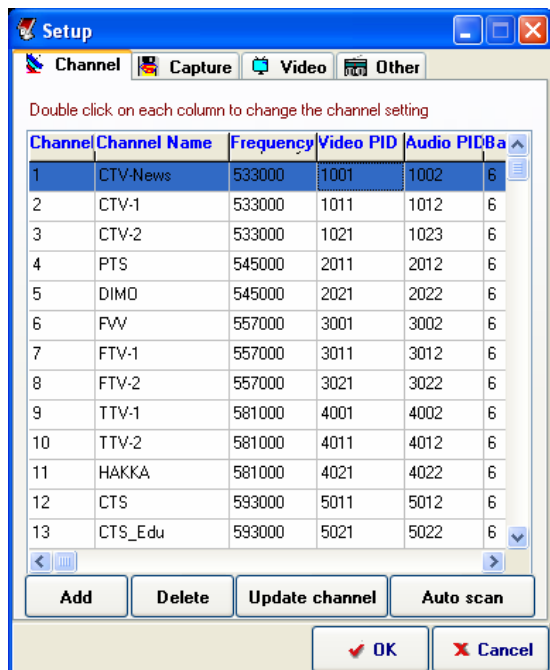
In this step, it shows the scan range and signal strength. The frequency range depends on the country where you are situated or user defined setting. The signal strength shows the terrestrial signal receiving status. When all the settings are checked, click “**Start**” to scan channels.

Note: Sometimes the signal strength affects the channel scan result. If it could not detect all of the channels, please check the terrestrial TV signal.

3.2 Setup Utility for DTVR

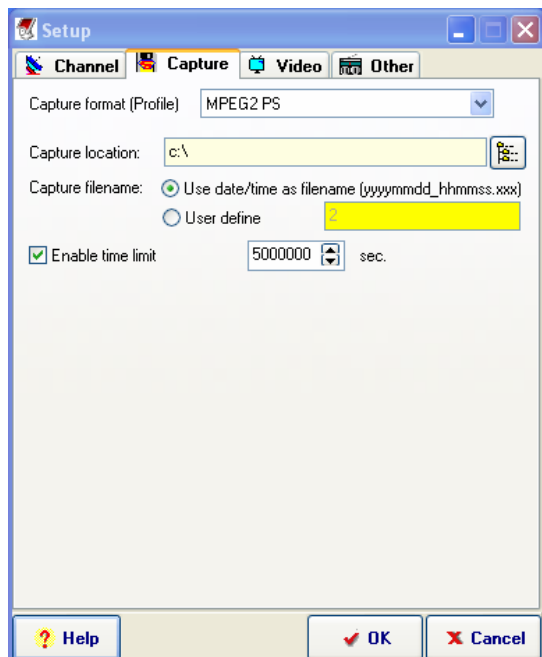
3.2.1 Channel Setup

When clicking “Setting” button  of Digital Basic Function, “Setup” windows will pop up.



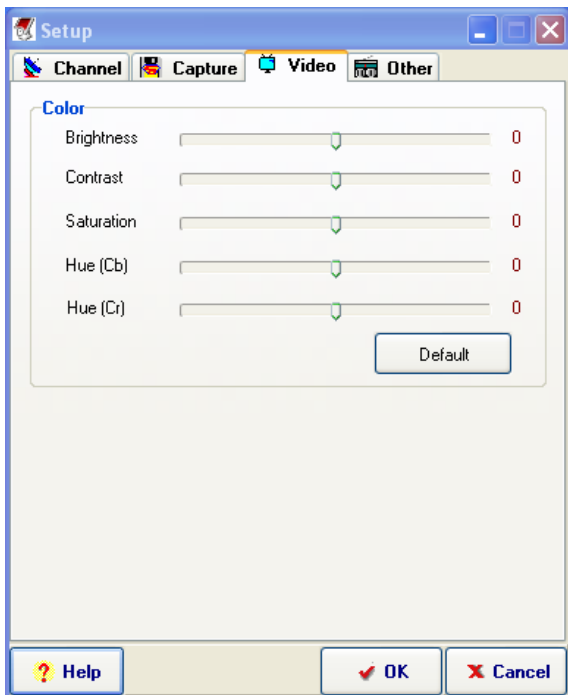
- **Add:** Add TV channel manually.
- **Delete:** Delete TV channel from list
- **Update Channel:** Please select the channel you want to see and click “Update Channel”.
- **Auto Scan:** Click the button to start Auto-scan function.

3.2.2 Capture Setup



- **Capture format (profile):** The capture format of DVBT is MPEG2.
- **Capture location:** Setup your capture folder.
- **Capture filename:** Setup capture file name. Choose “date/time” as default filename, otherwise define manually.
- **Enable time limit:** Limit recording time.
- **Capture audio device:** Choose from “Capture audio”, “Capture audio only, No Video” or “no audio”.

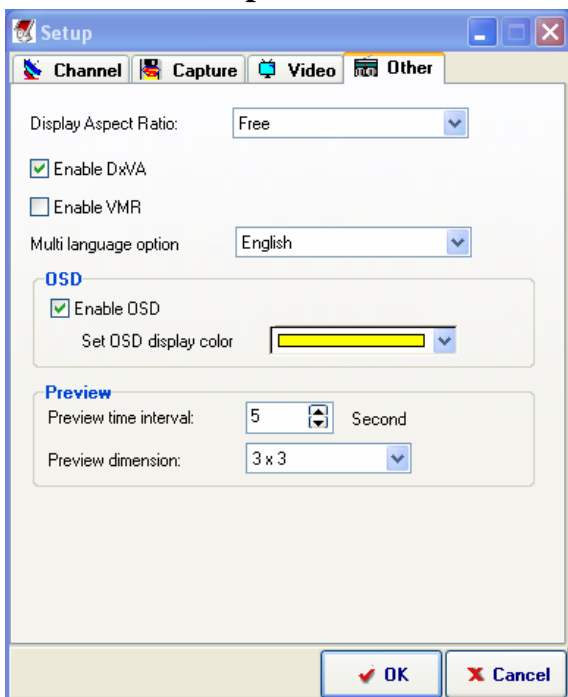
3.2.3 Video Setup



Color : Adjust the brightness, contrast, hue and saturation. Each scroll can be changed independently to view the effect.

Default : Click to return to the default settings

3.2.4 Other Setup



- **Always On Top:** Set main window to the topmost.
- **Display Aspect Ratio:** Set the aspect ratio of the display window. (Free, 4:3 or 16:9)
- **Enable DxVA:** DXVA (DirectX VA) is the new Microsoft standard API for accelerating video rendering under DirectShow. If your VGA card supports hardware that can accelerate MPEG2 video playback, please enable this function for bettering video playback performance, and reducing the amount of CPU usage. Display window will run more smoothly when this function is enabled.
- **Enable VMR:** If your VGA card support VMR, please use it as the display mode. If your VGA card does not support VMR, please disable this function.
- **Multi-language option:** Selects different language interface on line.


OSD

- **Enable OSD:** Enable OSD function.
- **Set OSD display color:** Setup the font color for the OSD (On Screen Display)

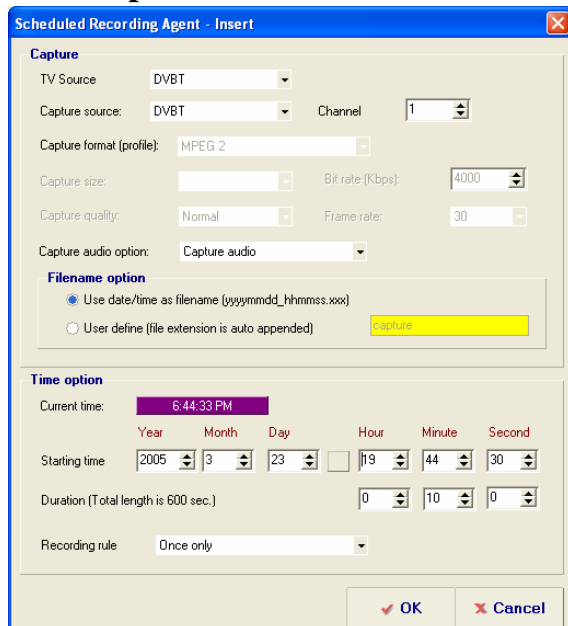
Preview

- **Preview time interval:** Setting the interval time. The minimized value is 8 seconds.
- **Preview dimension:** To select the Preview dimension as 2x2, 3x3, 4x4 or 5x5.

3.3 Scheduled Recording

When clicking  , users can start setting up the schedule properties.

3.3.1 Capture

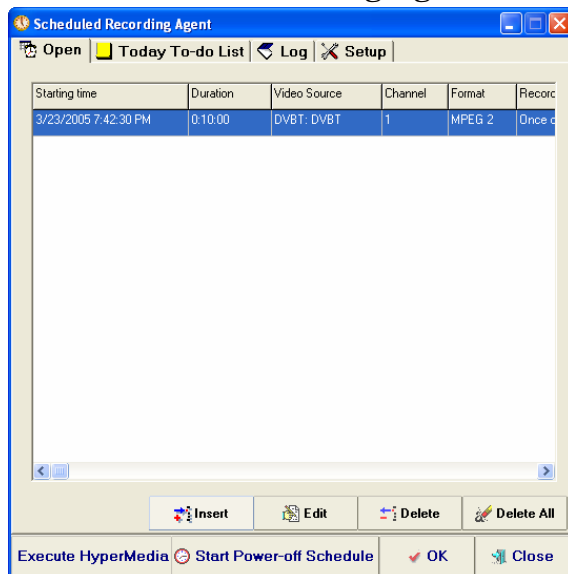


- **TV Source:** Please select DVBT
- **Capture Source:** Capture source from DVBT
- **Channel:** Select the channel which you want to record.
- **Capture format (profile):** For the DVB-T capture format, MPEG2 can be used as the capture format.
- **Capture Audio Option:** Select from "Capture audio", "Capture audio only, No Video" or no audio. When "Capture audio only, No Video", are selected, audio files can be saved in WAV or MP3 format.
- **File name option:** Use the date/time as capture file name or define manually.

3.3.2 Time option

- **Current time:** Shows the current time.
- **Starting time:** Enter the date and time for the programs you decide to record.
- **Duration:** Enter the length to limit the recording schedule.
- **Recording rule:** Enter the recording rule you want to use. The default value is "Once only".

3.3.3 Schedule Recording Agent Setting



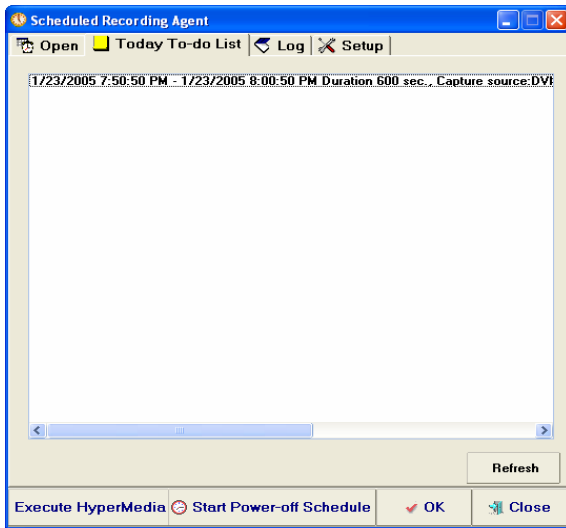
Recording schedule will be added into the Schedule Recording Agent after inputting a recording schedule.

Open

- **Insert:** Insert a new recording schedule.
- **Edit:** Edit the selected recording schedule.
- **Delete:** Delete selected recording schedule.
- **Delete All:** Delete all recording schedule.
- **Start Power-off Schedule:** System turns off immediately after clicking this button. Before the scheduled recording time, PC will turn on automatically and start recording TV programs as scheduled.

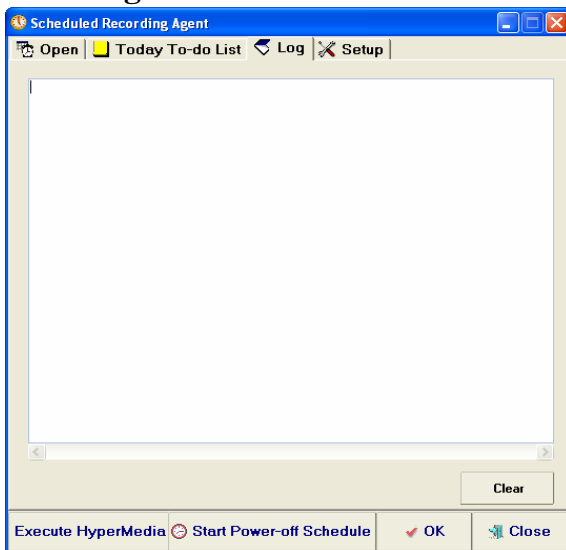
Note: To enable this function, please enable the "Hibernate" function in the windows power management configuration in advance.

3.3.4 Today To-do List



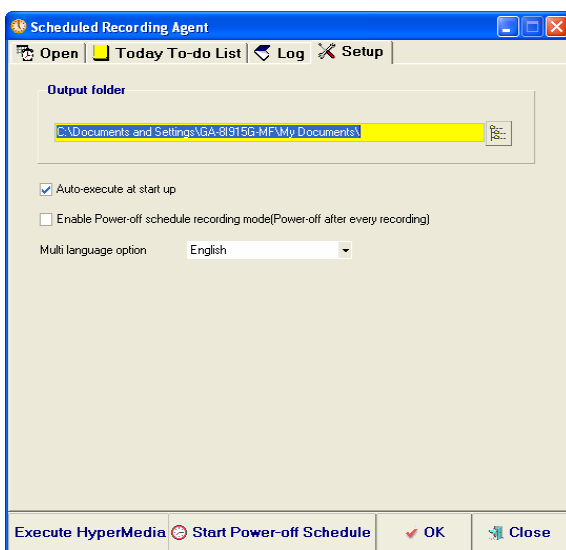
Shows all of the recording schedule items of the day.

3.3.5 Log



If recording schedule fails, users can check the error message in the Log description.

3.3.6 Setup




Output folder: Users can change the different capture folder to save the recorded files.

Auto-execute at start up: Enabling this option makes schedule agent always execute at start-up, otherwise, the default is enabled.


Enable Power-off schedule recording mode: Enabling this option makes system shutdown automatically when schedule recording finishes.

3.4 Preview



Multiple channel preview can be chosen by clicking  on control panel or choose “**Channel Preview**” from the pop-up menu. While doing channel previewing, users can select any sub-window by using the arrow keys on the keyboard or clicking on the picture directly. To stop channel preview, you can double click on the mouse or press “Enter” key to watch the chosen sub-window channel.


3.5 Snapshot

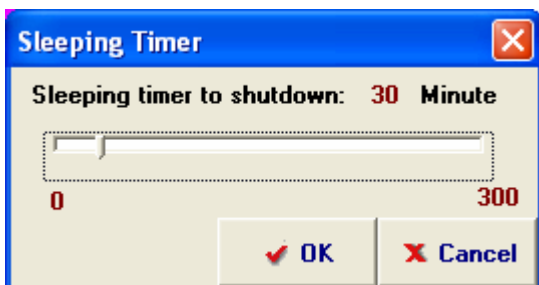
Snapshots (still image capture) can be taken from current viewing window by clicking  from control panel or choose “**Snapshot**” from the pop-up menu. The Snapshot window will pop up when a snapshot is taken. Here, users can view, save or delete images taken.



Note: *The captured images can be saved in either bitmap or JPEG file format when saving the file.*

3.6 Sleep Timer

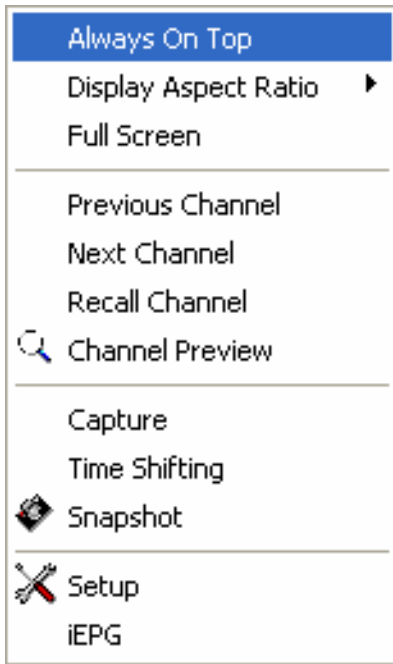
If  is selected, you can use “**Sleep Timer**” function. After you select the button, you would see the dialog box as below



You can use slide bar or left and right key to adjust the timer value. Click “**OK**” to start or “**Cancel**” to exit.

3.7 Pop-Up Menu

When running DTVR, right-click the mouse while the cursor is on the display window or control panel to see the pop-up text menu. The commands on this menu are the same as those on the DTVR control panel, along with some extra options added. The menu's function is as described below



- **Always On Top** - Set main window to topmost
- **Display Aspect Ratio** - Set the aspect ratio of the display window (Free, 4:3 or 16:9)
- **Full Screen** - Switch to full screen or restore to normal window
- **Previous Channel** - Goes to previous available channel
- **Next Channel** - Goes to next available channel
- **Recall Channel** - Goes back to the last selected channel
- **Channel Preview** - Browse available channels as sub-window
- **Capture** - Start recording video
- **Time shifting** - Start time shifting
- **Snapshot** - Capture still images of current picture
- **Setup** - Open DTVR setup window
- **iEPG** - Use the iEPG function to preset record programs from internet
- **Exit** - Exit DTVR

Chapter 4 : MPEG Encoder

4.1 User Interface

Fig. 3.1 is an example of how the main panel looks like when executing MPEG Encoder:

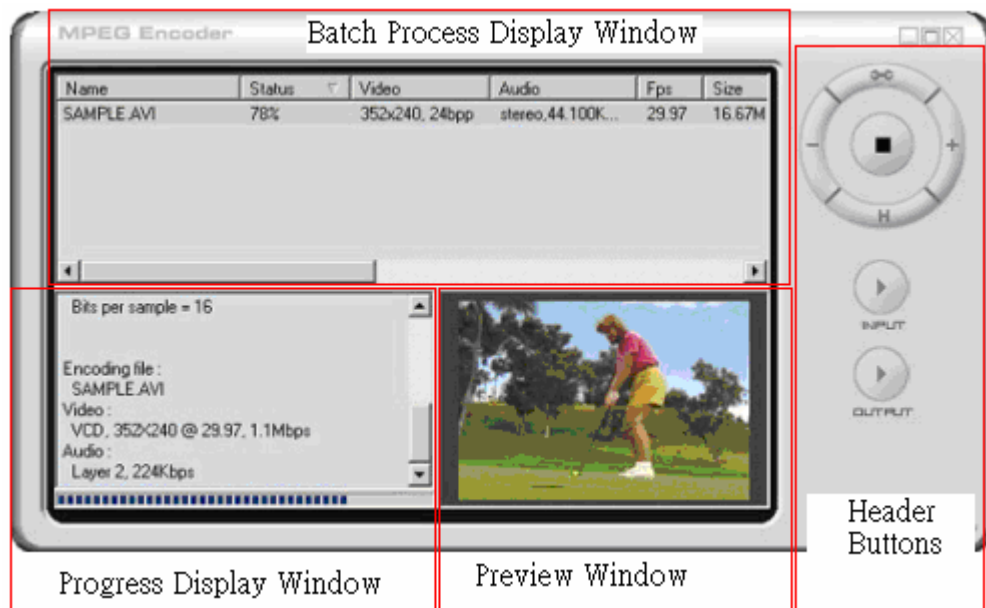
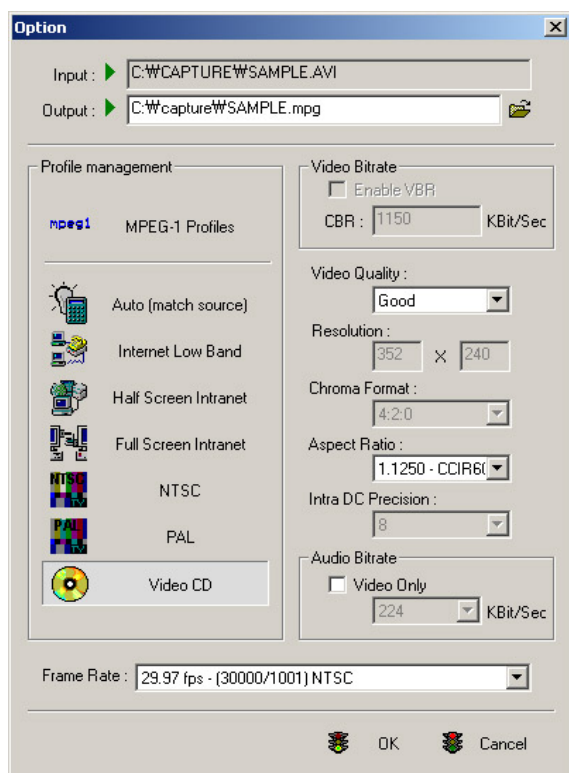


Fig. 4.1

The main panel is composed of four segments. Refer to **Fig. 4.1**

Header Buttons	Add input files; Delete files; Edit options; Start and Stop transcoding.
Batch Process Display Window	Displays file name, encoding status, screen size and play time of files to be transcoded.
Progress Display Window	Displays formatting information about the file being transcoded.
Preview Display Window	Displays the video of the file being transcoded.

4.2 Practice Streaming Video File Format Conversion



MPEG Encoder 5.0 transcodes multimedia files between video formats. For multimedia files to be transcoded using Encoder 5.0, they must be playable under Windows Media Player. File formats that can be transcoded are: AVI, DV-AVI, MPEG 1, MPEG 2, ASF, WMV, DivX, and DAT.

Fig. 4.2



Fig. 4.3

To add a multimedia file to be transcoded, click the "+" or "Add" button. This will open the "Browse" dialog box. Browse to the directory/file wanted and click on "Open". (Another method of adding files to the "Batch Process Display Window" is to simply highlight a file, then drag and drop it into the Batch Process Display Window.) Refer to **Fig. 4.3**

Once the multimedia file is added to the "Batch Process Display Window," the Option Selection Dialog Box appears. This begins the process of selecting the output format for the transcoder to create. Choose among four categories of formats: MPEG 1, MPEG 2; Category tabs appear at the top of the window. After selecting a format category, choose a specific video format (and detailed options if necessary). Please refer to **Fig. 4.2**

The output file will be created in the same directory as the original file unless a different path is manually chosen. It will also maintain the original video file name and add a file extension matching the video format of the output type selected. The file name can also be manually changed. Refer to **Fig. 4.4**



Fig. 4.4

Once the output video format and options are selected, click "OK", then the file will appear in the Batch Process Display Window. Refer to **Fig. 4.5**

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

Fig. 4.5

The Batch Process Display Window shows three states of process in the Status column.

1. **“Waiting”** means that the media file displayed is queued for transcoding (compression and/or translation). The transcoding of video files in the "Waiting" state begins when the Encoding button is clicked.
2. **“Exclusion”** means that transcoding of that file will not occur.
3. **“Done”** means that the transcoding (compression and/or translation) is successfully completed.

To change a file's status between Waiting and Exclusion (and vice versa), double click on the file line. The Waiting state will change to an Exclusion state and be reported as "Skip". Similarly, a file with a "Skip" status when double-clicked, will change to "Waiting."

Fig. 4.5 shows the status Exclusion that changed status of previously added at above by double clicking with mouse.

Although you push Encoding button in this status, it will not execute compression and translation process. Change the status to “Waiting” by double clicking the mouse and click the “Encoding” button to execute the conversion process.

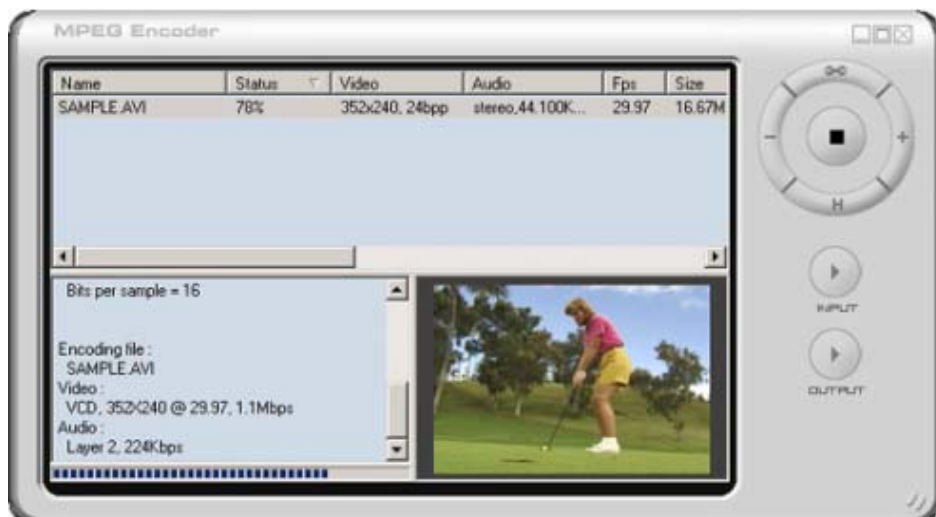
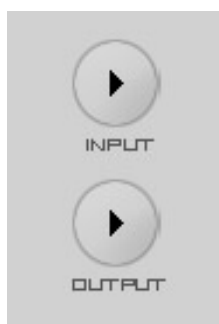


Fig. 4.6

During Transcoding, the Status column changes to display the percentage of progress accomplished. Also, once the transcoding process has begun the (right arrow) Encoding button changes to a Stop button. If the Stop button is clicked-on during transcoding, the process will stop.

Once the transcoding process completes successfully, the status will change to “Done”. To transcode the same file again. For example, double-click on the file in the Batch Process Display Window and the Status will change to Waiting. To change the option again, highlight the file with a single mouse click and then click on the Option or Edit button to execute the “Option Selection” dialog box.



To view the transcoded output video file, highlight the video file and click on the “Output” Play button.

Chapter 5 : MPEG Editor

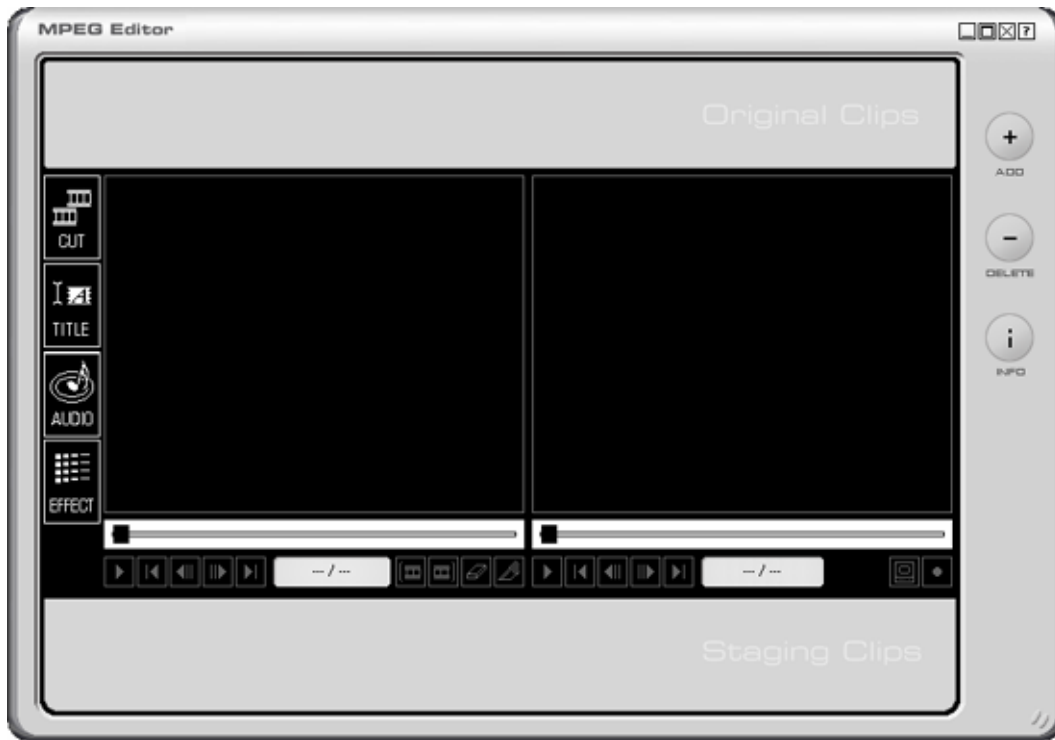


Fig. 5.1

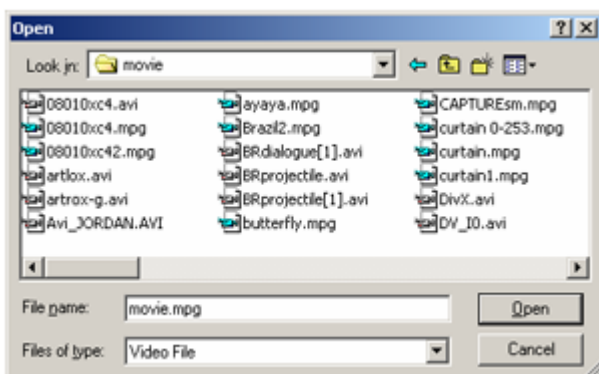
Fig. 5.1 Shows how the “MPEG Editor” user interface looks like.

- **Menu Section** : file open, file/video clip delete, video property, change skin color, minimize, maximize, close and help.
- **Display panel** : play original video clips, play edited video clips (preview), display saving progress information.
- **Video Clip Staging Section** : Original clips, Staging clips.
- **Frame Edit Section** : mark frame range, sequence arrangement, merges multiple frames into one video.
- **Title Edit Section** : add title, font style, size, color, movement (straight line, curve line)
- **Audio Edit Section** : add audio and create sound effect
- **Special Effect Section** : use Color Effect, Filter Effect, Transition Effect, Transition In Effect, Transition Out Effect, Noise Reduction Filter

5.1 Play List Editor

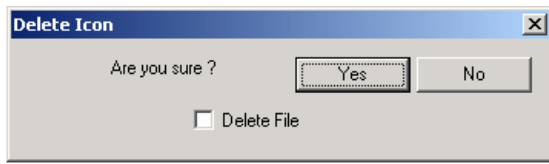


: Add files to play list



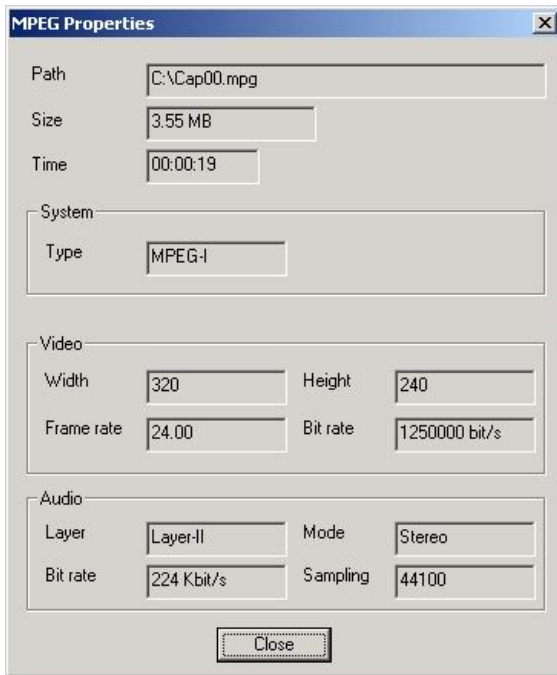
- Support MPEG-1, 2 system file (Video and Audio), AVI (DV-AVI).
- Select a file and click Ok button.

 : Clip/File delete



Delete clips registered in Original/Staging Clips.
Actual file on a hard disk is deleted when "Delete File" is checked.

 : Mpeg Properties Dialog



Displays your input mpeg file properties

5.2 Display Panel

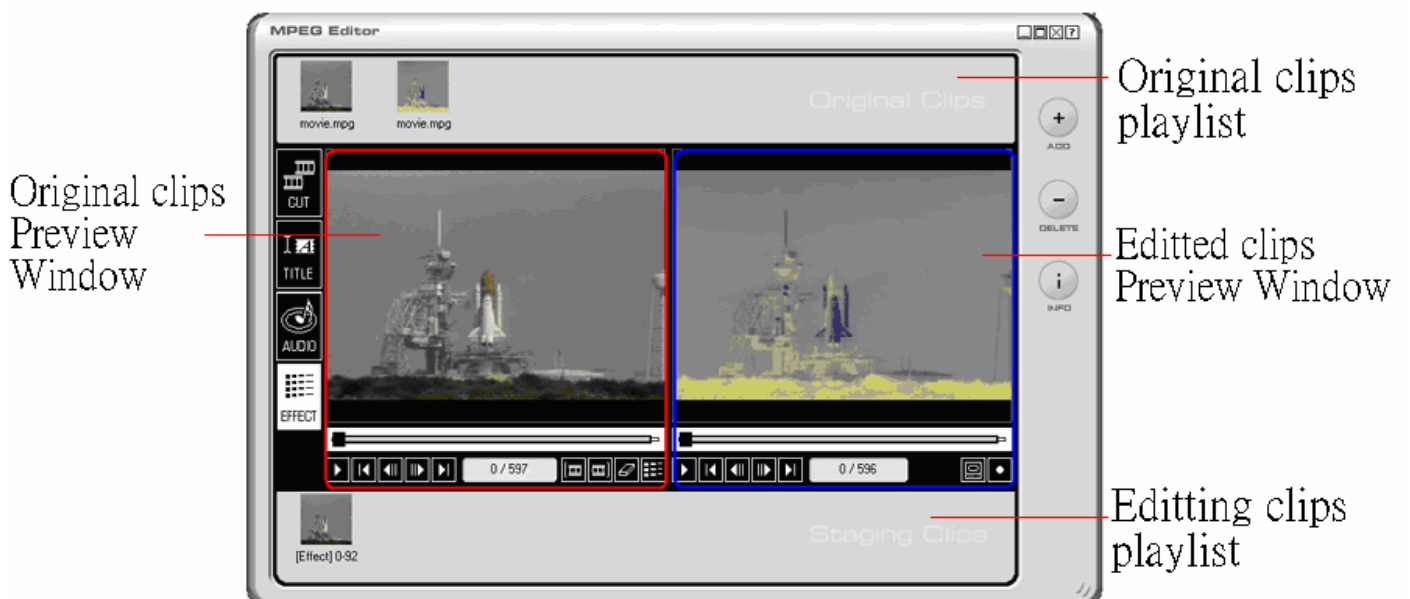


Fig. 5.2

The very top of **Fig. 5.2** displays the video files added to the play list. The four editing mode when the “Effect” is selected in **Fig. 5.2** is the mode to choose when adding special effects to the editing clips.

5.2.1 Original Clips Display Window

- Displays videos of Original Clips. (Double Click or Drag and Drop)
- Videos in Staging Clips cannot be displayed in this window.
- In Title editing mode, Title can be edited in this window.
- In Audio editing mode, it displays registered audio files.
- In Special Effect mode, it displays all available filters.
- Displays the progress information when final video is created.

5.2.2 Edited Clips Display Window

- Displays videos in Staging Clips. (Double Click or Drag and Drop)
- Videos in Original Clips can be displayed in this window.
- *Preview function displays edited video in this window.*

5.3 Original and Staging Clips

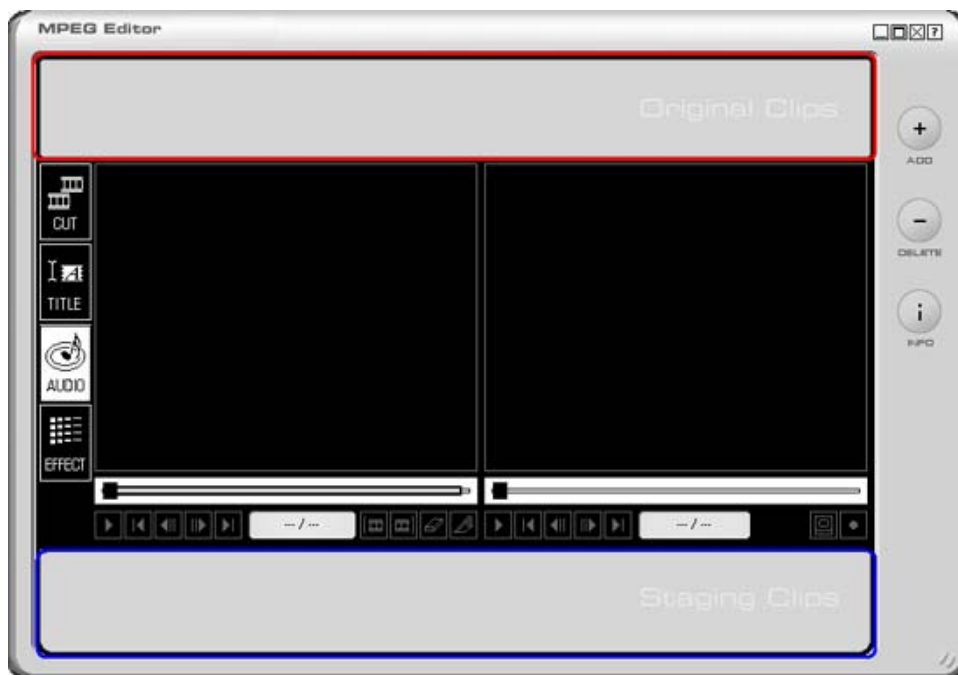



Fig. 5.3

The 4 editing mode where the “Audio” is selected in **Fig. 5.3** is the mode to choose when editing the audio of the editing clips.

5.3.1 Original Clips

- This is the area where video clips that need to be edited are added and managed.
- Video clips can be dragged and dropped into the Original Clips area.
- The sequence of video clips added can also be rearranged easily by drag and drop.

i) How to add video clips

- Use the  button in the “Menu” to browse and select video clips to add to the Original Clips

area.

- Drag and Drop video files to the Original Clips area.

ii) How to view and manage video clips in the Original Clips area:

- To view a video clip in the Original Clips area, either double click on the video clip or drag and drop the video clip from the Original Clips area on to the Original Video Display window.
- Clicking on the right mouse button will bring up a [Popup Menu](#). This menu performs the following functions: copy, delete and show property information.

5.3.2 Staging Clips

- This is the area where video clips are added after frame ranges are specified.
- Video clips can be managed for further editing in this area.
- Editing, deletion and sequence arranging are done here.
- File properties for each video clip can be obtained by right mouse clicking on the clip.
- Video clips are acted upon and added to the Staging area using the four application buttons on the left side of Video Editor. Those four buttons are "Cut", "Title", "Audio" and "Effect".


5.4 Frame Edit Mode

5.4.1. Frame Range Selection for Editing



Fig. 5.4

The 4 editing mode where the “Title” is selected in **Fig. 5.4** is the mode to choose when adding titles to the editing clips.

- Specify frame range
- To add an entire video clip, drag the clip from the Original Clips area and drop it in the Staging Clips area.
- To add portions of a video clip, drag the clip from the Original Clips area and drop it in the left preview window. Then using the Mark-in/Mark-out button, cut the portion of the video clip to be edited and then click the  button to transfer the clip to the Staging Clips area.
- Users can repeat the above steps to add multiple video frames.

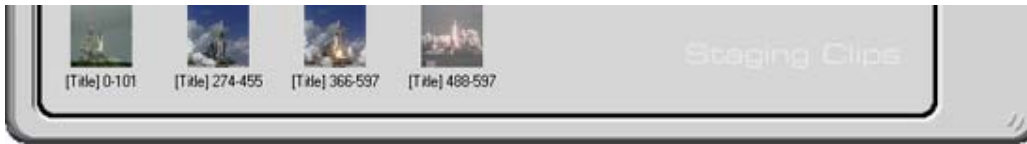



Fig. 5.5

Fig. 5.5 displays the list of the files chosen to be used for editing.


5.4.2. Video Frames Editing and Saving

2.1 Adding Video Clip



- Click  to browse and select video clips to add to the original clips area.
- Drag and drop video files to the original clips area.
- Double click on added video clips in original clips area or drag and drop them to original video
- Display Window to view and select frames for further editing.

2.2 Selecting frame ranges for video editing click “Mark-in” to specify the beginning of a clip and

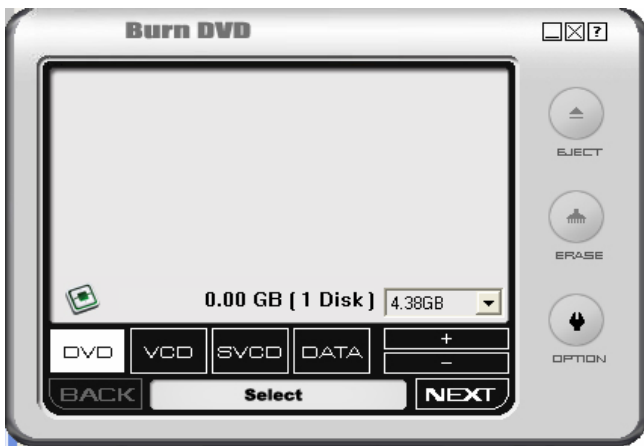
mark-out to set the end of the clip. Next, click on the  button to move the clips from the auto edit window to the Staging Clips area.

2.3 Editing video frames

- Select video frames in “*Staging Clips*” List.
- Rearrange the sequence of videos.
- Repeat the same scene by putting the same video frames multiple times.
- Delete sections of video they do not want.
- Confirm the video before final saving using preview function.
- Save the final video when editing is completed.

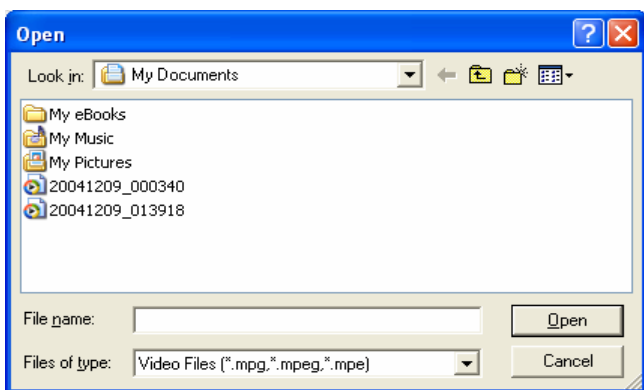
Chapter 6 : Burn DVD


6.1 Adding Files




Select format :

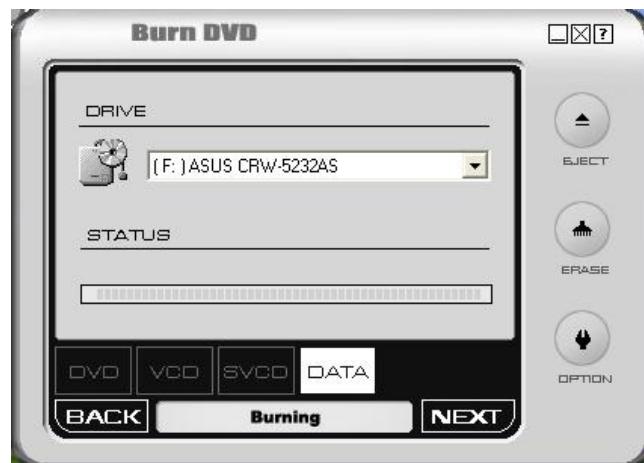
- **DVD:** For DVD.
- **VCD:** For Video CD.
- **SVCD:** For Super VCD.
- **DATA:** For multimedia data CD.




- 1 This dialog box shows up when the  is clicked. Video or photo files are displayed as thumb nails on the screen (As shown below) after being added.




- 2 Added files can be deleted. Click on the file to be deleted and then click on the  button.

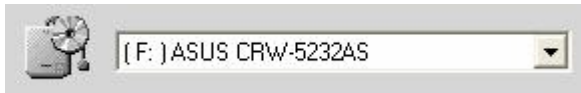





- 3 When all necessary files are added, click on  to move to next step.

6.2 Burning

: This button allows users to go back to the previous step and change selected files or selected format.

1. Select DVD/CD burner to use.

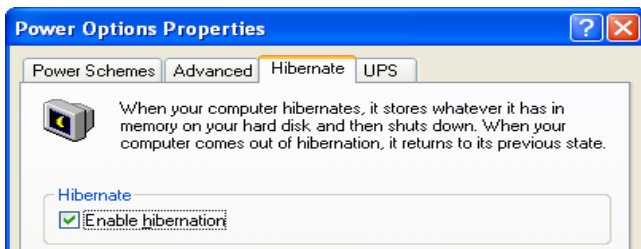


2. : Eject DVD/CD drive.
3. : Erase all content on DVD/CD media.
4. : Open option dialog box.
 - **NTSC, PAL, Both:** Select video type.
 - **Support XVCD and XSVCD:** Data rate is not checked in order to support XVCD and XSVCD.
 - **Perform Writing Test before recording:** Check to insure that the DVD/CD writer is functioning correctly before actual burning.
 - **Use Windows temporary directory:** [Default] Uses Windows temporary directory as DVD Maker's temporary directory.
 - **Path:** Allows DVD Maker to specify the temporary directory.

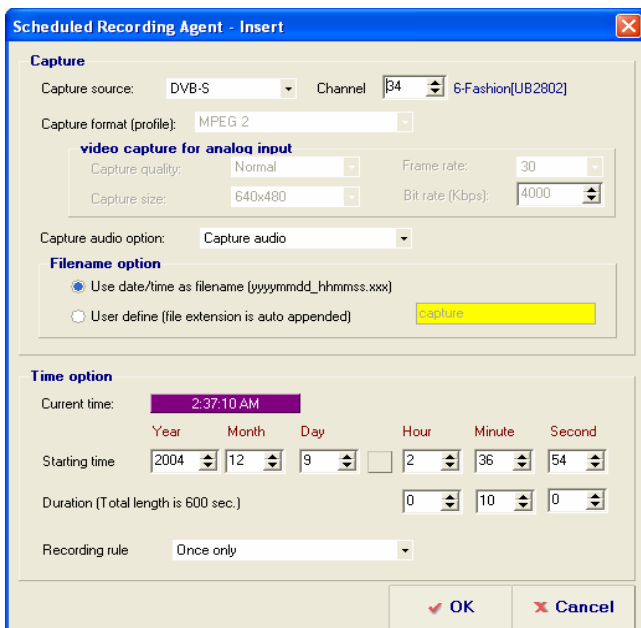
Chapter 7 : FAQ


FAQ 1 : How do I use the “Schedule Record in Power-Off mode (SRPO)” function?

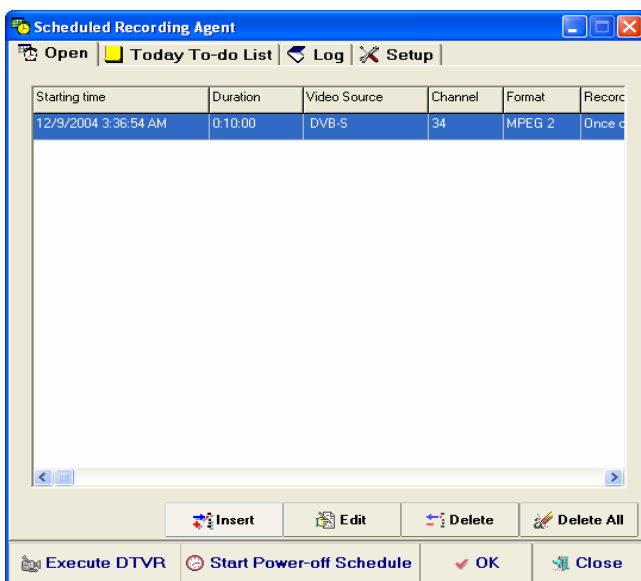
ANS: Before you use the power-off schedule recording function, please make sure your system can support hibernate function.



Click the “*Power*” button to and enter to the Hibernation” function. You would see the option “Enable hibernation support”. Check the box to



Click on  to start setting the Schedule Recording Properties. After you finish the setting, please click the “OK” to the next step.



Then you would see your setting in the schedule. If you want to use power-off schedule recording now, click on the “Start Power-off Schedule” button. A confirmation message will pop up to confirm if you want to shutdown system. If you click “YES”, the system will shutdown immediately. PC will be turned back on automatically few minutes prior to the recording schedule.

FAQ 2 : How to capture video clip in MPEG4 format?

If you use other capture source such as composite or S-Video, you could record video clips in MPEG 4. (When you select DVB-T as the capture source, you can't be able to capture video in MPEG 4 format.) Please follow the following steps to record files in MPEG 4 format.


Step 1: We provide two kinds of MPEG 4 format, Microsoft and DivX.

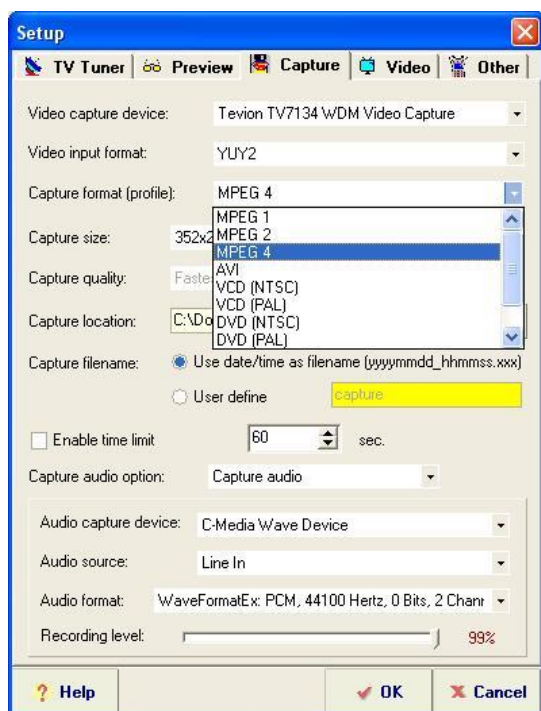
Please download the MPEG 4 Codec from Internet.

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

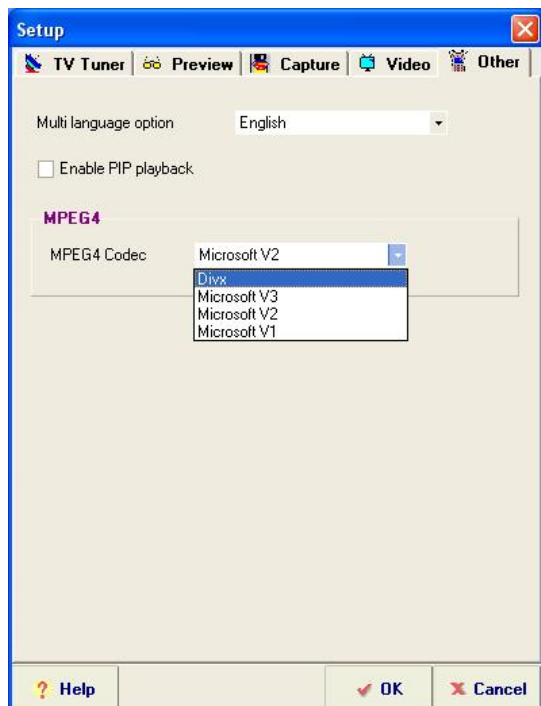
Microsoft: <http://www.microsoft.com>

Step 2: Install the MPEG 4 codec

Step 3: Click the setup button, () and enter the capture setting. Select MPEG 4 as the recording format.



Step 4: Go to the other setting. Select the MPEG 4 codec you want to use, Microsoft or DivX.



Step 5: When you finish the setting, please click “OK” to save your setting. Then you can use the record function to capture TV programs in MPEG 4 format.