

HyperMedia User Manual

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V3.5

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Chapter 1 : HyperMedia Software Functions

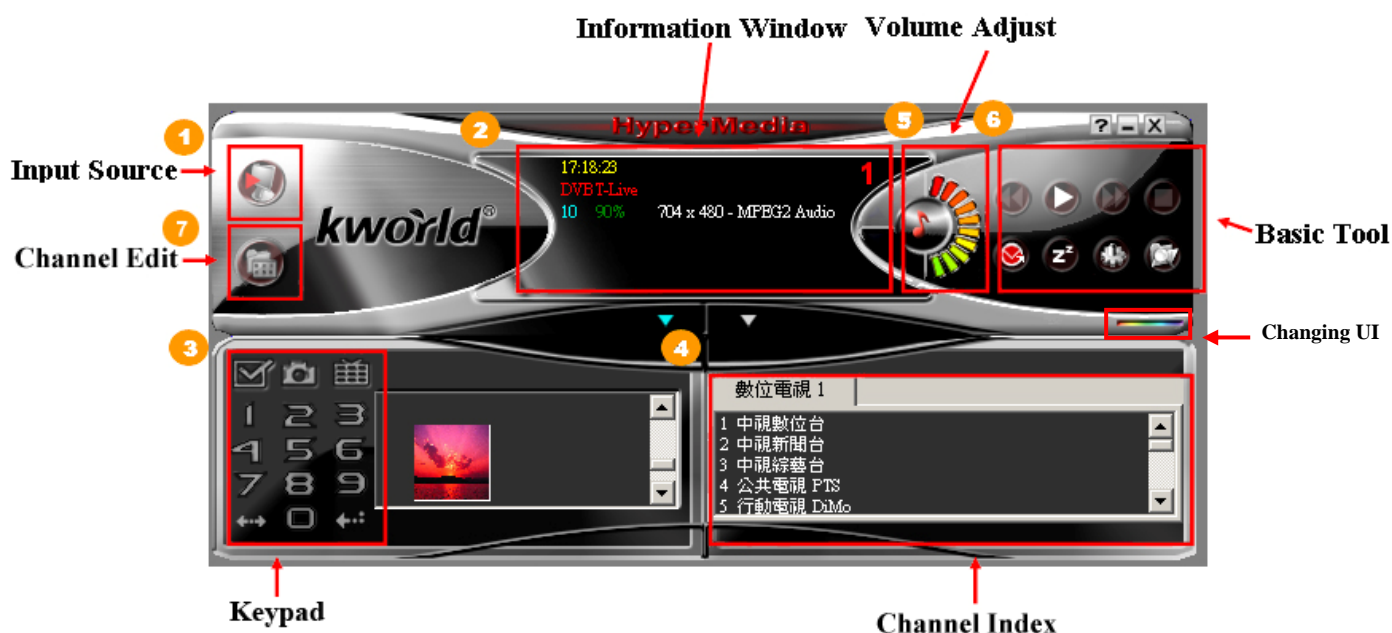
1.1 HyperMedia Introduction

HyperMedia is a multi-function application including watching TV, listening to the FM radio. 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.



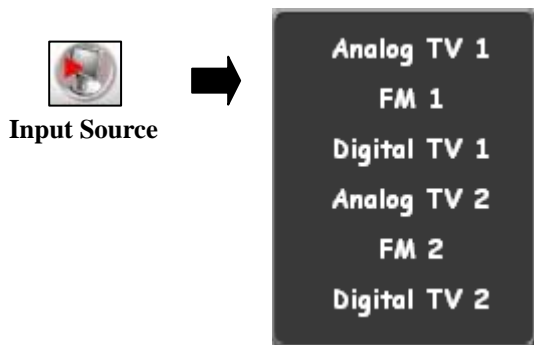
1.2 Main Panel

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.

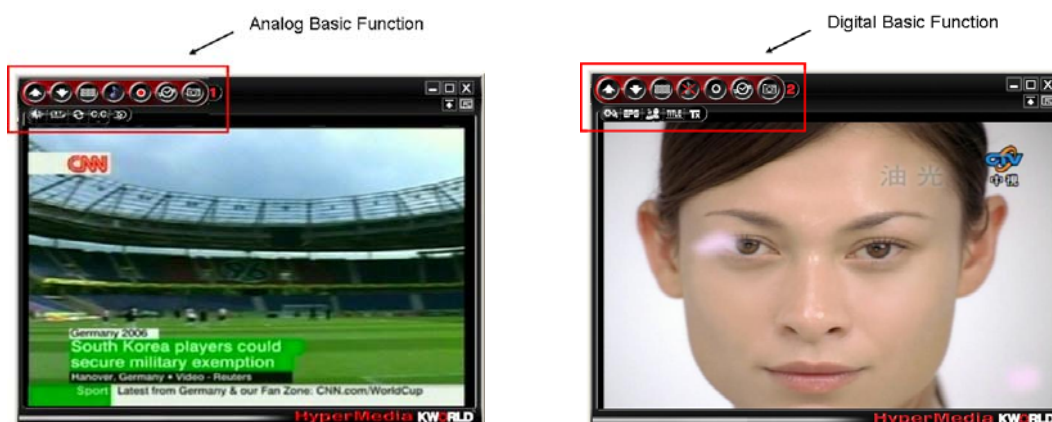


1.2.1 Information Window

「Input Source」: Select signal sources. (Depends on the product you have)



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



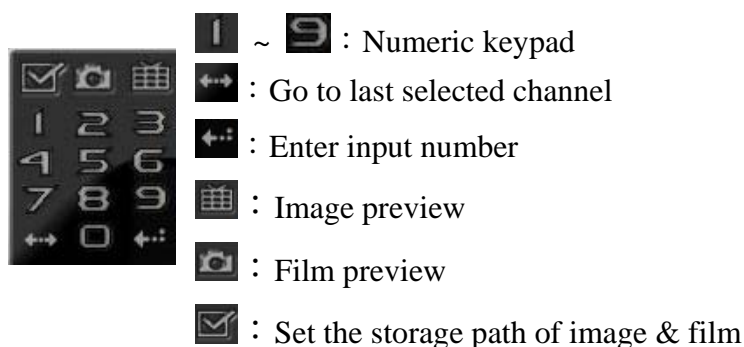
1.2.2 Information Window

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.



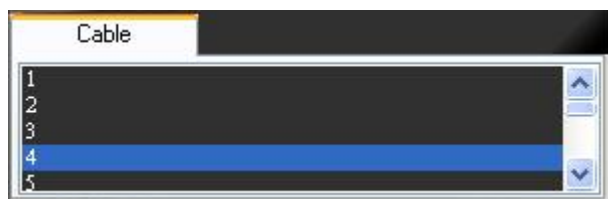
1.2.3 Keypad

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





1.2.4 Channel Index

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.







1.2.5 Volume

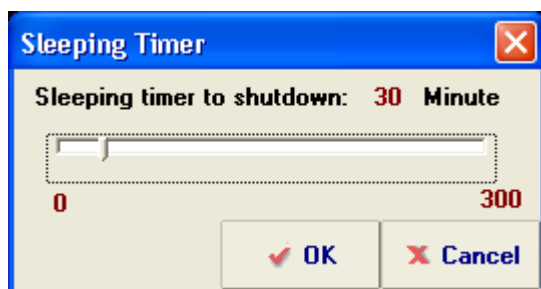


1. Click  icon to adjust the volume or press \leftarrow & \rightarrow key on the keyboard to adjust.
2. Click  icon to turn off all audio, click again to restore.


1.2.6 Basic tool:

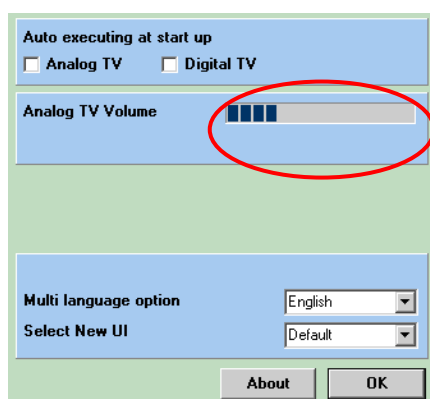
		Backward		Scheduled Recording
		Play		Sleeping Timer
		Forward		Audio & Language Setup
		Stop		Open Media File

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.

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



1.2.7 Channel Edit :

You can edit your favorite channel list: Edit channel name. Add or remove channel to My favorite channels, even delete a channel from channel list.



1.3 Basic Function


Analog Basic Function


Digital Basic Function

Analog Basic Function		Digital Basic Function	
	Next Channel		Snapshot
	Previous Channel		Switch Source
	Channel Preview		Recall
	Mute Audio		SAP
	Record		Setup
	Time Shifting		Close Caption
	Always on top		Display aspect ratio


1.3.1 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 show 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

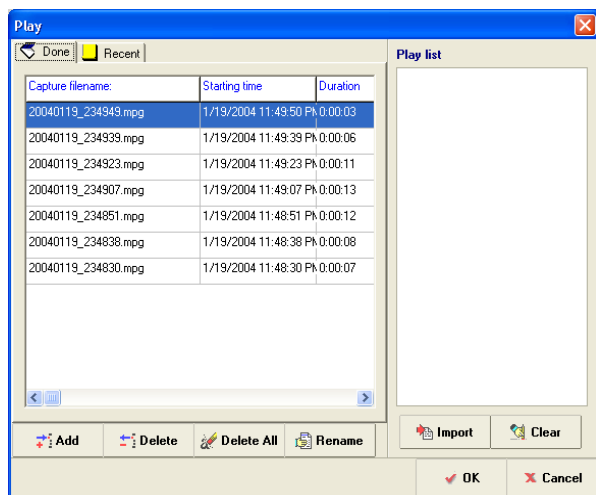
 : Pause

 : 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.

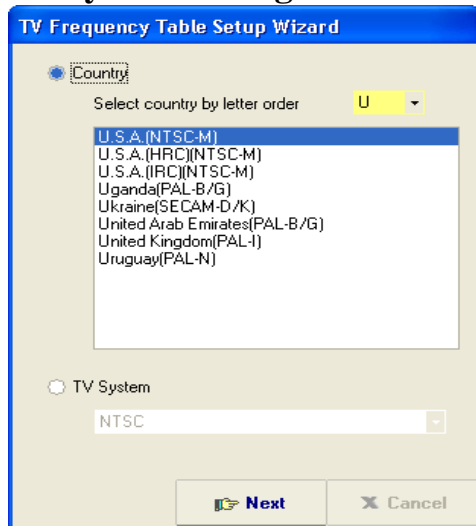
C. Time Shifting Function

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 seconds 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

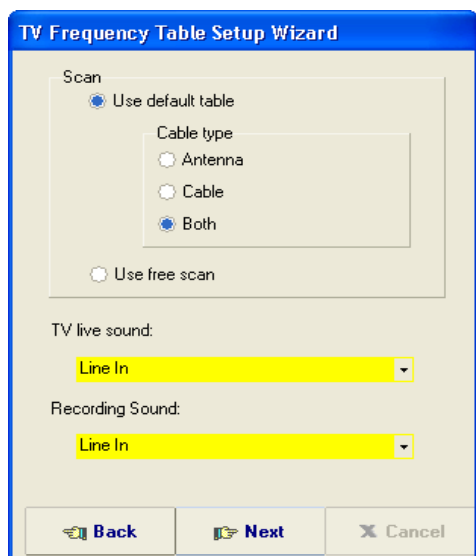
ATVR is a powerful and easy-to-use application which converts your PC system into a feature-rich video/audio entertainment center. It provides users with functions to watch, record, and play analog TV on PC.

2.1 System setting and channel scan

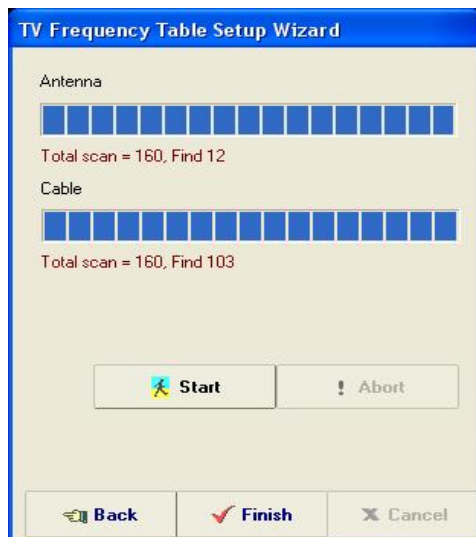


When executing ATVR at first time, **“TV Setup Wizard”** will help you to set your TV configurations step-by- step.

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”**.



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.

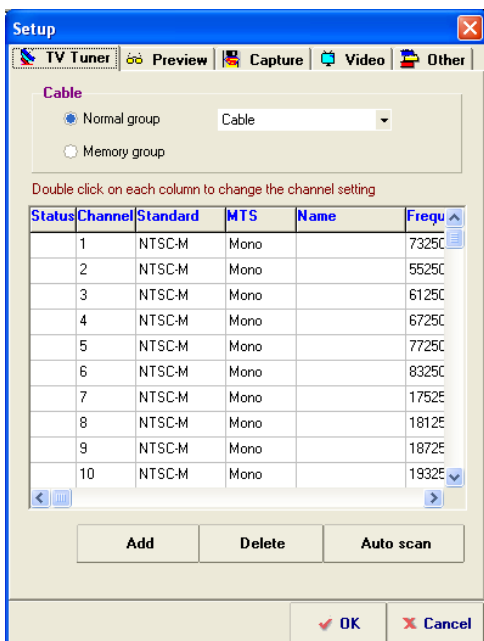
Note:

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.

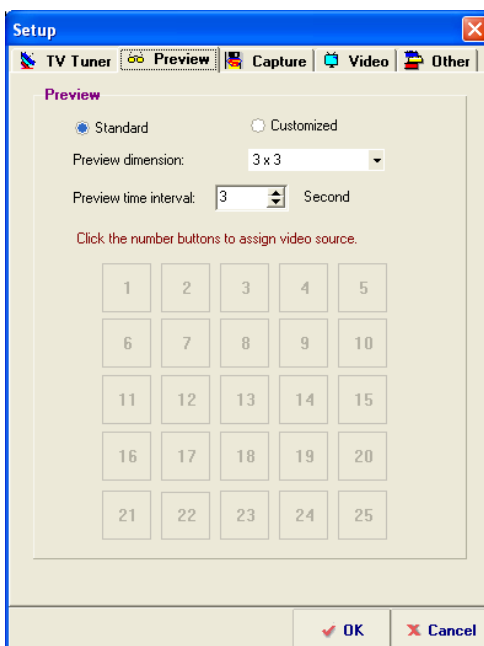
2.2.1 TV Tuner Setup



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.

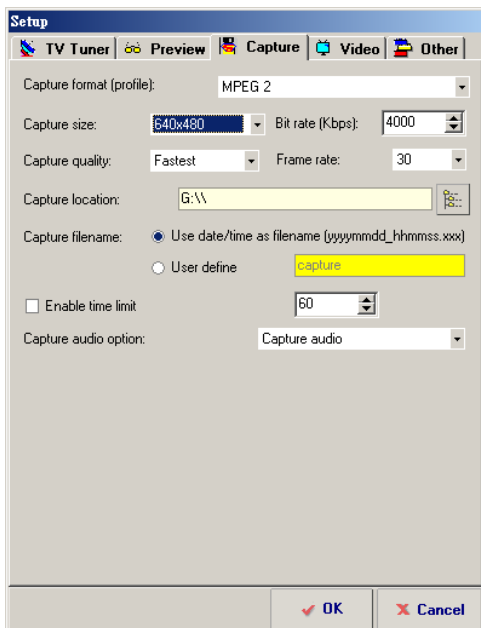
2.2.2 Preview Setup



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

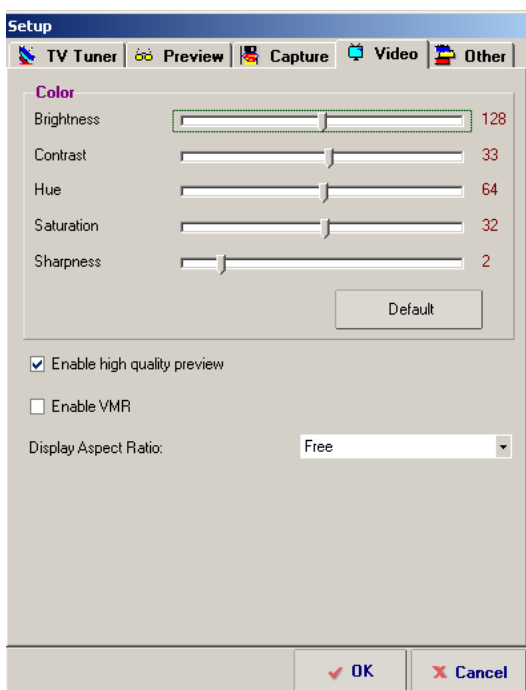
- **Standard**
To select the Preview dimension: 2x2, 3x3, 4x4, 5x5
Preview time interval: Setting the interval time. The minimized value is 2 sec.
- **Customized :** When choosing this function, settings of the video source of each channel can be updated. By clicking on the numerical keys, settings of the desired video source can be chosen.

2.2.3 Capture



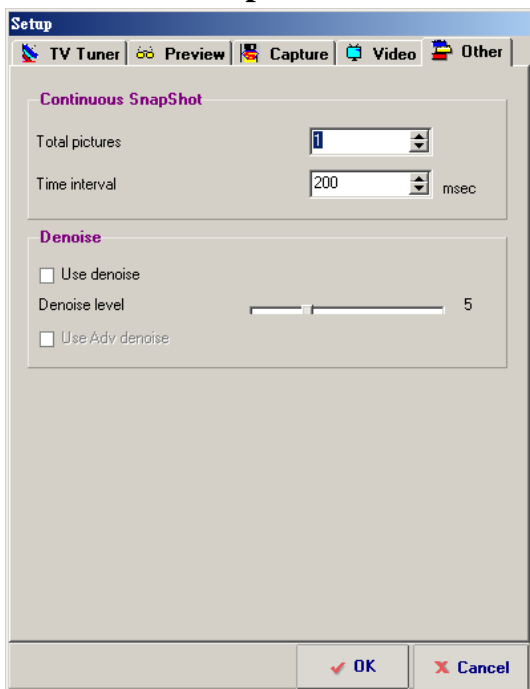
- **Capture format (profile):** Setting what kind of video format you want to record.
- **Capture Size:** Setting video capture size.
- **Bite Rate (Kbps):** Setting capture bite rate.
- **Capture quality:** Setting capture quality.
- **Frame Rate:** Setting capture frame rate.
- **Capture location:** 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 option:** Select **"Capture audio"**, **"Capture audio only, No Video"** or **"No audio"**. When select **"Capture audio only, No Video"**.

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..
- **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, 16:10 or free mode.

2.2.5 Other Setup

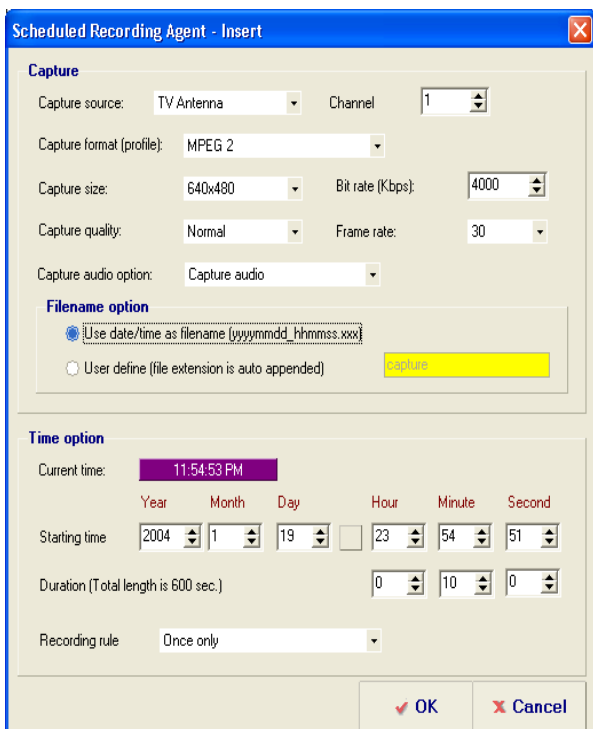


- **Total pictures:** Setting the total pictures.
- **Time interval:** Setting the interval time. The minimized value is 200 m seconds.
- **Denoise**

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.

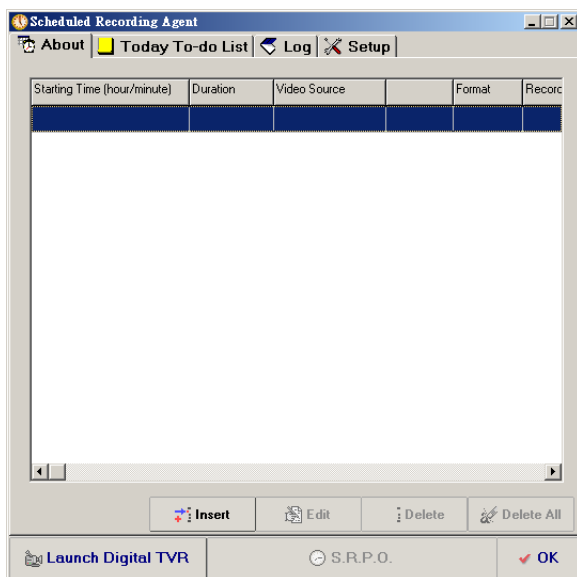
2.3.2 Time option

Current time: Show the current time.

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

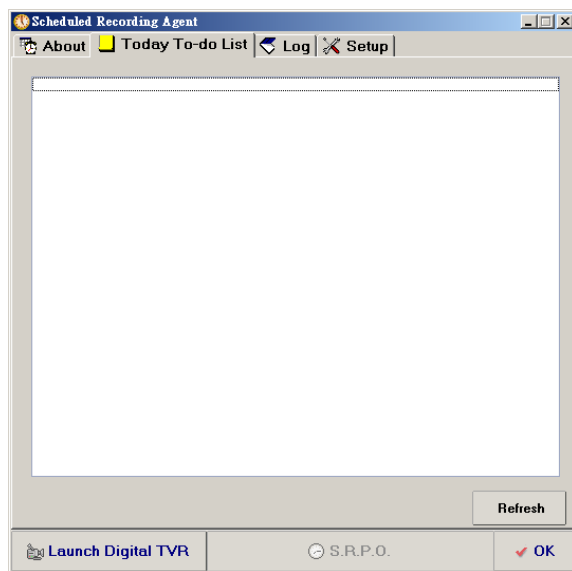
Duration: Enter the length which you want to record this program.

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

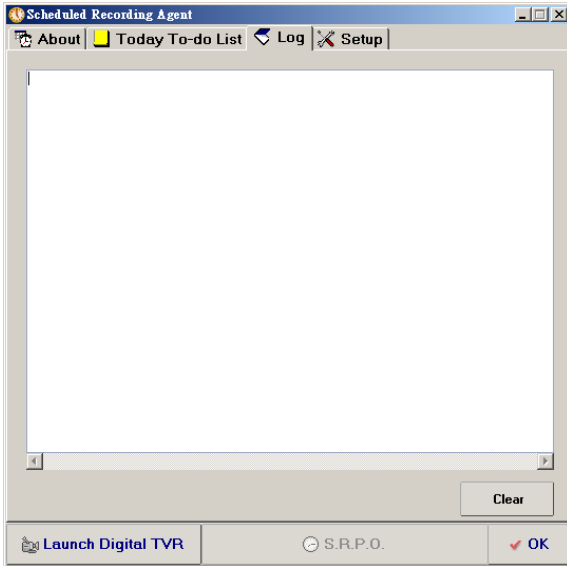


- **Open:** After entering a record schedule, you could see your record schedule which had been added to the Schedule Recording Agent.
- **Insert:** Insert a new recording schedule.
- **Edit:** Edit previously entered recording schedule.
- **Delete:** Delete selected recording schedule.
- **Delete All:** 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.

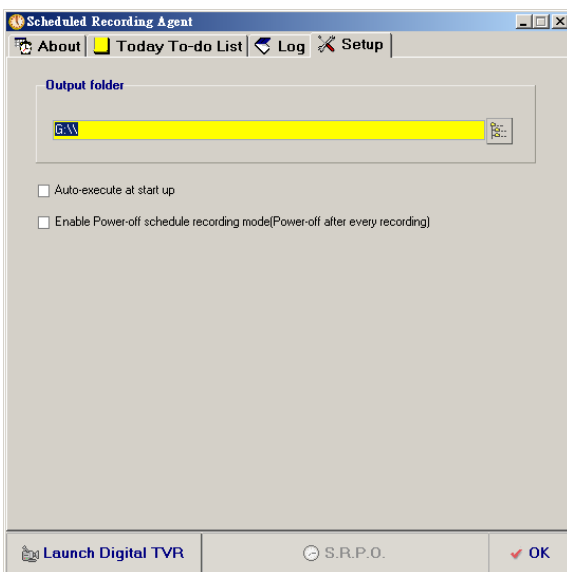
Note: To enable this function, please first enable "**Hibernate**" function in the windows power management configuration.



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.


2.4 Channel Preview

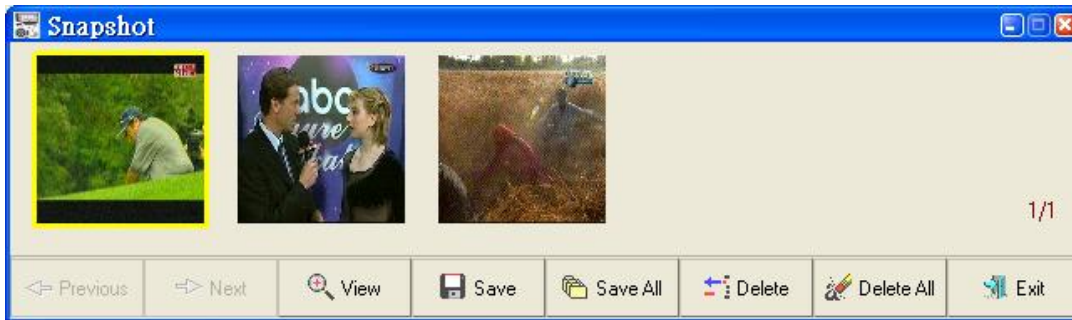
Click  from the control panel or choose **“Channel Preview”** on pop-up menu.



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 Audio Output Mode

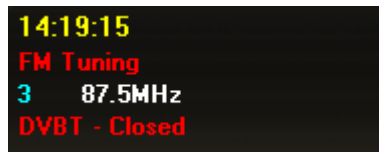
If your product model supports multi-language function, you can click the icon  to select different audio output modes. For example, audio output mode setup as stereo, mono or SAP.

2.7 FM Function (Depends on the product you bought)

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.

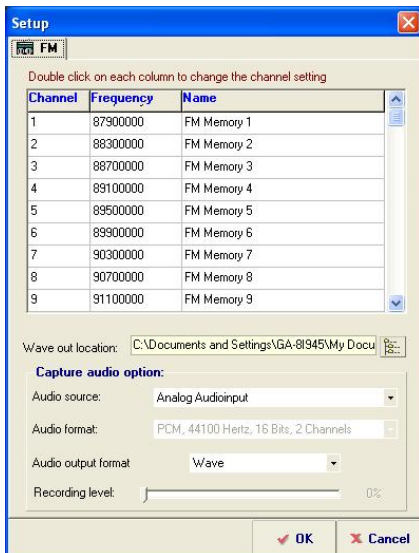


2.8.2 FM Basic Function



-  : 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

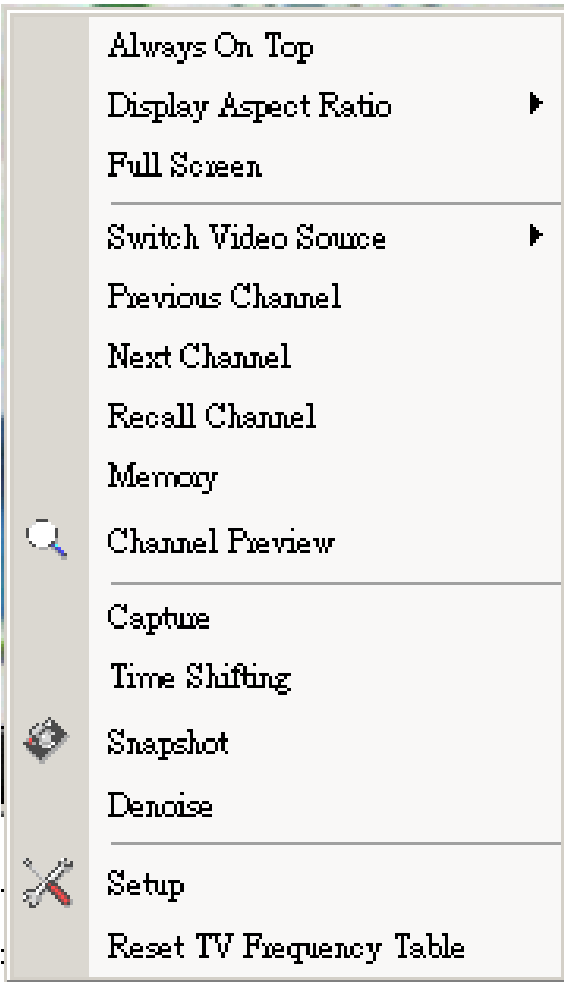
2.8.3 Setup



- **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 Forma** : Select the format you want (WAVE,WMA).

2.9 Pop-Up Menu

When running ATVR, 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 、 16:10)
- **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** : Go to previous available channel
- **Next Channel** : Go to next available channel
- **Recall Channel** : Go back to last selected channel
- **Memory** : 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
- **Denoise**
- **Setup** : Open TVR setup window
- **Reset TV Frequency Table**

Chapter 3 : DTVR

DTV is a powerful and easy-to-use digital TV application that provides the most feature-rich video/audio entertainment. With DTV, users can access **free-to-air digital terrestrial TV programs**. DTV 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

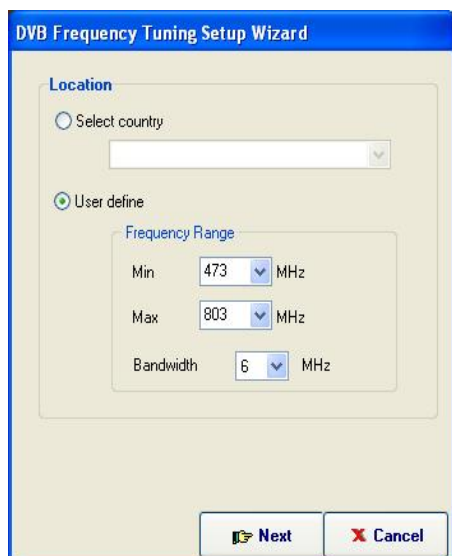
When running DTV for the first time, the **“DVB Frequency Tuning Setup Wizard”** will guide you through the setting of the correct frequency and then helps you to scan all the free-to-air digital terrestrial TV channels.

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

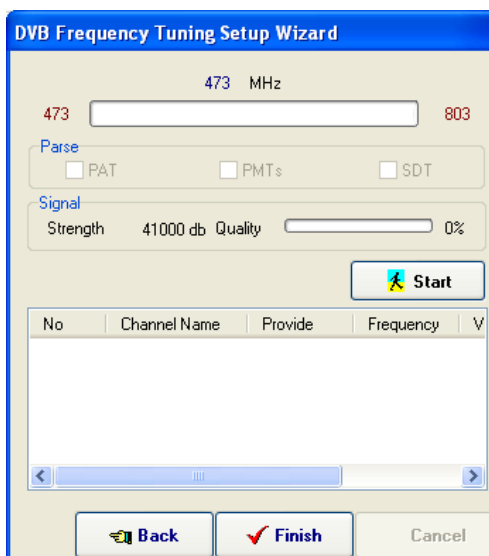
Frequency Range

Min: 473 MHz

Max: 803 MHz

Bandwidth: 6 MHz

Next Cancel



DVB Frequency Tuning Setup Wizard

473 MHz

473 803

Parse

PAT PMTs SDT

Signal

Strength: 41000 db Quality: 0%

Start

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

Back Finish Cancel

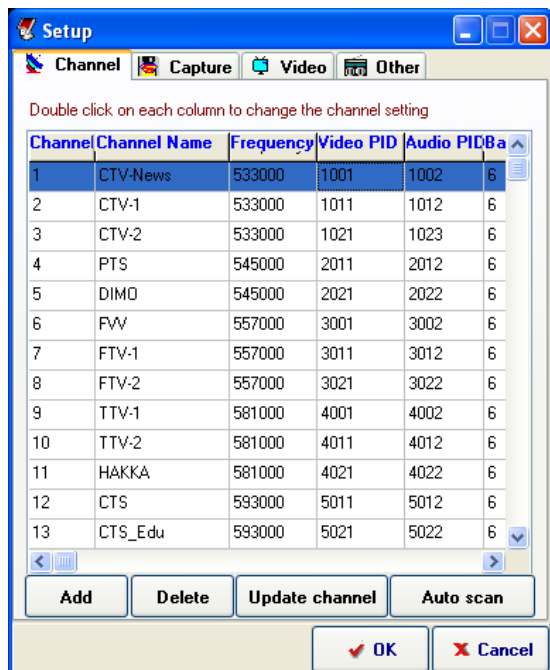
In this step, it shows the scan range and signal strength. The frequency range depends on the country where you are situated or user defined setting. The signal strength shows the terrestrial signal receiving status. When all the settings are checked, click **“Start”** to scan channels.

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

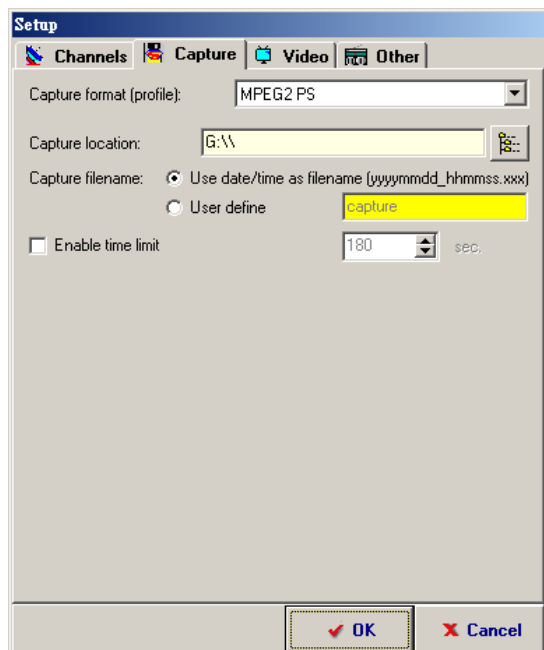
3.2.1 Channel Setup

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



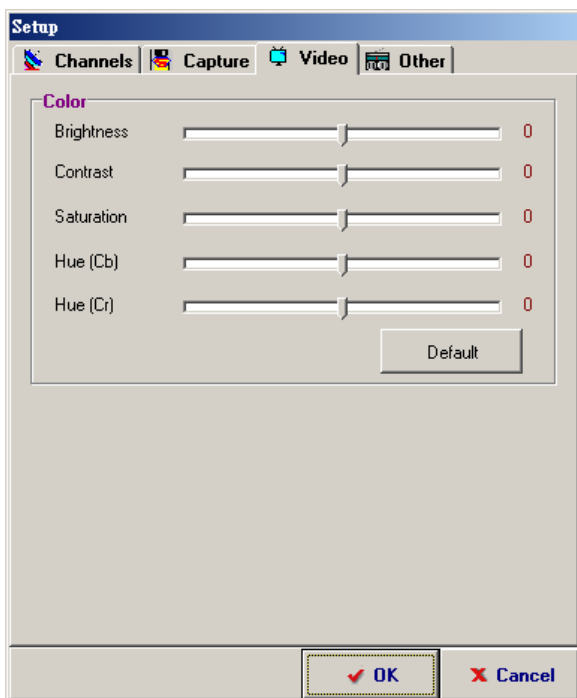
- **Add:** Add TV channel manually.
- **Delete:** Delete TV channel from list
- **Update Channel:** Please select the channel you want to see and click “**Update Channel**”.
- **Auto Scan:** Click the button to start Auto-scan function.

3.2.2 Capture Setup



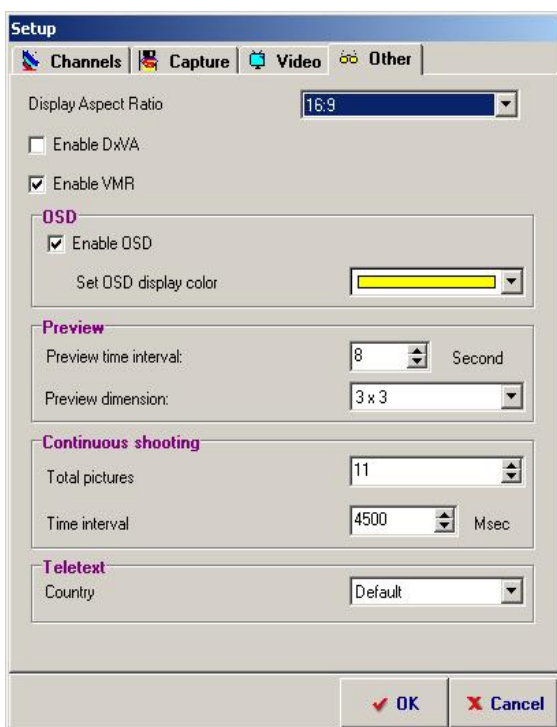
- **Capture format (profile):** The capture format of DVBT is MPEG2.
- **Capture location:** Setup your capture folder.
- **Capture filename:** Setup capture file name. Choose “ **date/time** ” as default filename, otherwise define manually.
- **Enable time limit:** Limit recording time.

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



- **Display Aspect Ratio**: Set the aspect ratio of the display window (Free, 4:3 or 16:9,16:10)
- **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 better video playback performance, and reduce the amount of CPU usage. Your display window will be smoother when you enable this function.
- **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.

OSD

- **Enable OSD**: Enables OSD function.
- **Set OSD display color**: Set the On Screen Display's font color.

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.


Continuous shooting

- **Total pictures:** Setting the total pictures.
- **Time interval:** Setting the interval time. The minimized value is 200 m seconds.

Teletext

- **Country:** Setting the country.

3.3 Scheduled Recording

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

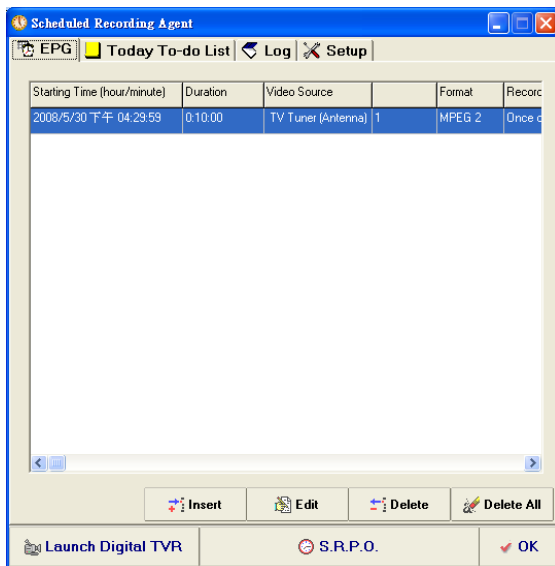
3.3.1 Capture

- **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 "**No audio**", are selected, audio files can be saved in WAVE or WMA 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 Scheduled Recording Agent Setting



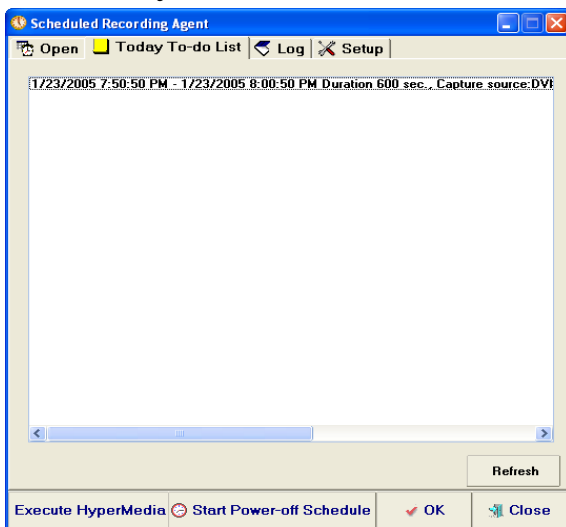
Recording schedule will be added into the Scheduled Recording Agent after inputting a recording schedule.

Open

- **Insert:** Insert a new recording schedule.
- **Edit:** Edit the selected recording schedule.
- **Delete:** Delete selected recording schedule.
- **Delete All:** Delete all recording schedule.
- **S.R.P.O:** 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.

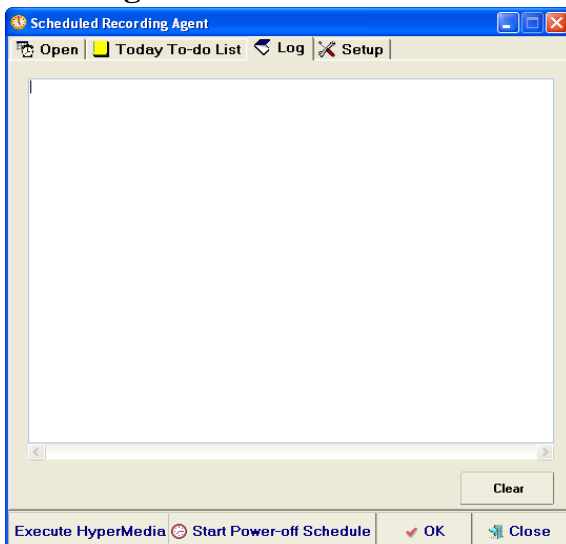
Note: To enable this function, please enable the “-” function in the windows power management configuration in advance.

3.3.4 Today To-do List



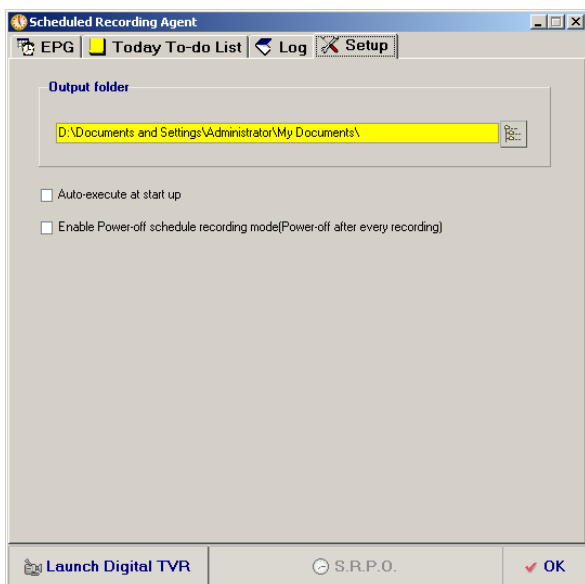
Shows all of the recording schedule items of the day.

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

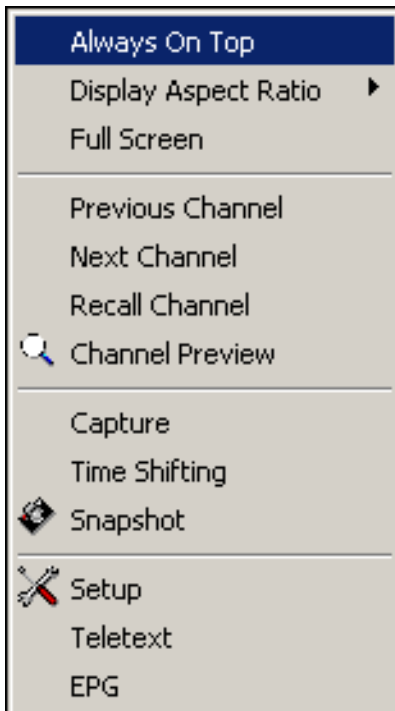
Snapshots (still image capture) can be taken from current viewing window by clicking  from control panel or choose **“Snapshot”** from the pop-up menu. The Snapshot window will pop up when a snapshot is taken. Here, users can view, save or delete images taken.



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

3.6 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

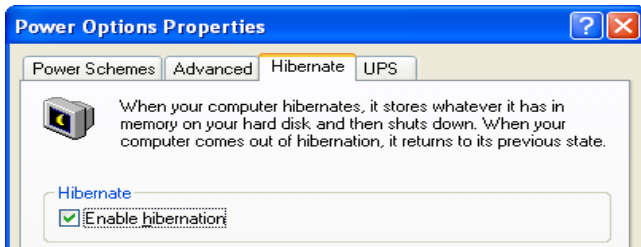


- **Always On Top** : Set main window to topmost
- **Display Aspect Ratio** - Set the aspect ratio of the display window (Free, 4:3 or 16:9 、 16:10)
- **Full Screen** : Switch to full screen or restore to normal window
- **Previous Channel** : Goes to previous available channel
- **Next Channel** : Goes 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
- **Teletext**
- **EPG** : Use the EPG function to preset record programs from internet

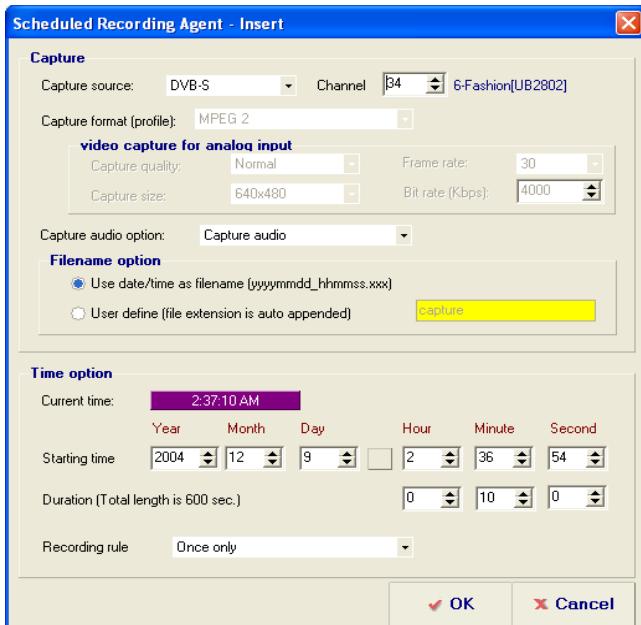
Chapter 4 : FAQ


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

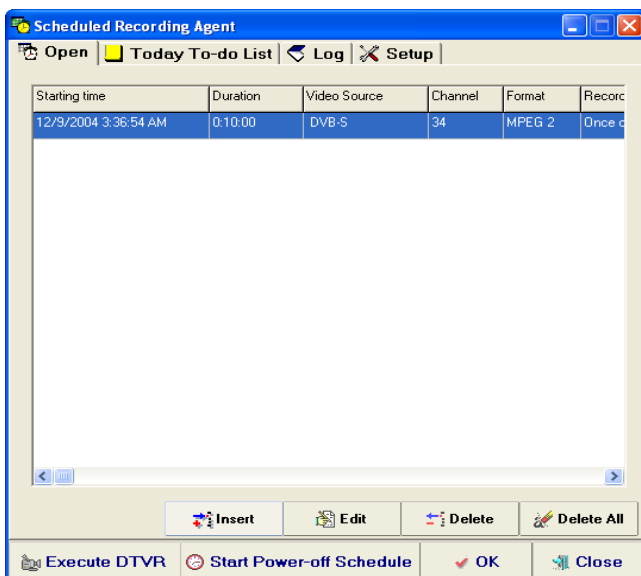
ANS: Before you use the power-off schedule recording function, please make sure your system can support hibernate function.



Click the “**Power**” button and enter the “**Hibernate**” function. You would see the option “Enable hibernate 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.