

AVerTV 6.3

User Manual • English

DISCLAIMER

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Chapter 1 Device Introduction

Thanks for purchasing AVerMedia's product. The table below lists an overview of the product you purchased. From this table, you can quickly learn about your product features and know which chapter you need to read. Please do read this table before using AVerTV 6 application.

Product Name	AVerTV Pilot
Model No.	H810
TV System	<input checked="" type="checkbox"/> Digital TV (<input checked="" type="checkbox"/> DVB-T <input type="checkbox"/> ATSC <input type="checkbox"/> DVB-S) <input checked="" type="checkbox"/> Analog TV (<input checked="" type="checkbox"/> NTSC <input checked="" type="checkbox"/> PAL <input checked="" type="checkbox"/> SECAM)
Audio Mode	<input checked="" type="checkbox"/> Stereo <input checked="" type="checkbox"/> Mono <input checked="" type="checkbox"/> SAP
FM Radio	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Not Support
Remote Control	<input checked="" type="checkbox"/> Support (Model RM-KS) <input type="checkbox"/> Not Support
External Signal Source	<input checked="" type="checkbox"/> S-Video <input checked="" type="checkbox"/> Composite
Others	<input checked="" type="checkbox"/> Teletext <input checked="" type="checkbox"/> MHEG-5 <input checked="" type="checkbox"/> EPG <input type="checkbox"/> iEPG <input type="checkbox"/> Closed Caption <input checked="" type="checkbox"/> Digital Subtitle
Reference Chapter	<input checked="" type="checkbox"/> Chapter 1 <input checked="" type="checkbox"/> Chapter 2 <input checked="" type="checkbox"/> Chapter 3 <input checked="" type="checkbox"/> Chapter 4 <input checked="" type="checkbox"/> Chapter 5 (<input checked="" type="checkbox"/> 5.1 - 5.13) <input checked="" type="checkbox"/> Chapter 6 <input checked="" type="checkbox"/> Chapter 7 <input checked="" type="checkbox"/> Chapter 8 <input checked="" type="checkbox"/> Chapter 9 <input checked="" type="checkbox"/> Chapter 10 <input checked="" type="checkbox"/> Chapter 11 <input checked="" type="checkbox"/> Chapter 12
Note	

Chapter 2 AVerTV 6 Introduction

Now, with this product, you can watch TV, listen to the radio, record your favorite programs and enjoy other features on your PC. Turn your computer system into a real multimedia entertainment center.

You'll never miss your favorite ball games, soaps or game shows anymore because the TimeShift function performs background recording of a TV program. This means you can return and watch from the part of the program where you left off.

To enjoy high quality TV or radio programs, *AVerMedia*[®] product is your best choice.

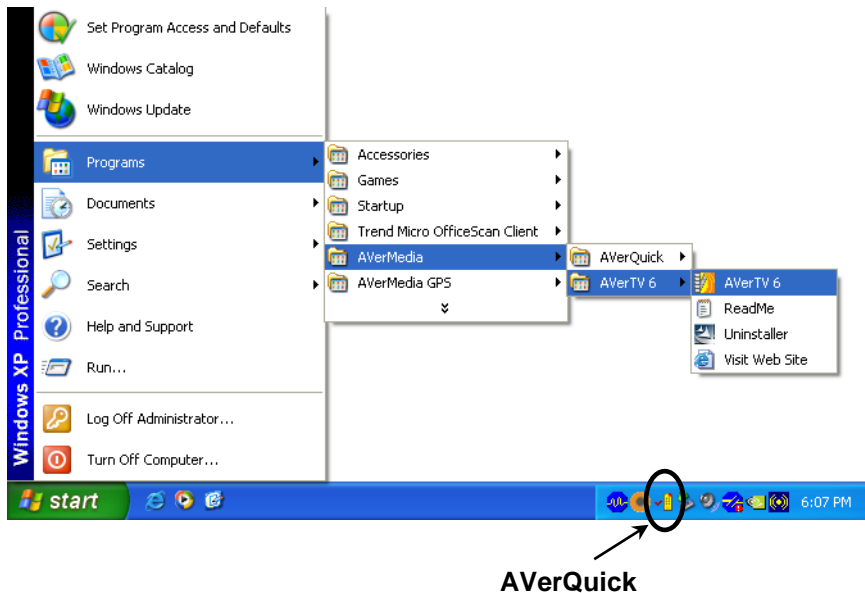
Please be noted that the functions or the remote control mentioned in this manual may vary depending on the product you purchase and the area you live.


Chapter 3 Introducing the AVerTV Application


The **AVerTV 6** application allows you to watch TV or video, and record still or motion video on your PC while you work on your computer.

3.1 Launching the AVerTV 6 Application

Run the AVerTV 6 application from the Programs menu.



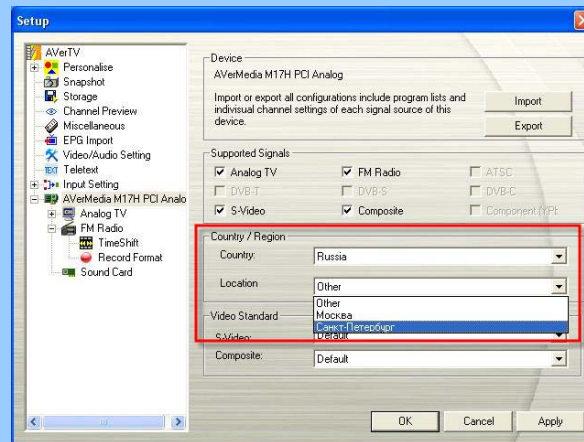
To run the application, click **Start**, point to **Programs**, choose AVerMedia, **AVerTV 6**, and then click **AVerTV 6**. Another way is to double-click the **AVerTV 6** program icon “” on the desktop. Or, you can double-click the **AVerQuick** launcher located at the lower right corner of the screen.

☒ **Note:** **AVerQuick** allows to set the desired default application, which means you can choose either AVerTV 6 or AVer MediaCenter as the default application when double clicking **AVerQuick** icon . To do this, right click **AVerQuick**, choose “**Setting**”, and select the preferred application in the “**Application**” tab.

3.2 Running the AVerTV 6 application for the first time

If this is your first time running the application, the *Setup* dialog box will appear to prompt you to scan for channels. (For details, please refer to the section *Scanning Channels*).

Note: Using the application in **Russia**, scanning for channels may be skipped. When the Setup dialog box appear, simply choose the country **Russia** and the location—**Moscow** or **St. Petersburg**—from the drop-down list. Then you are able to watch the programs without scanning channels. However, if the location you choose is **Others**, you still need to scan for channels. (For details, please refer to the section *Scanning Channels*).

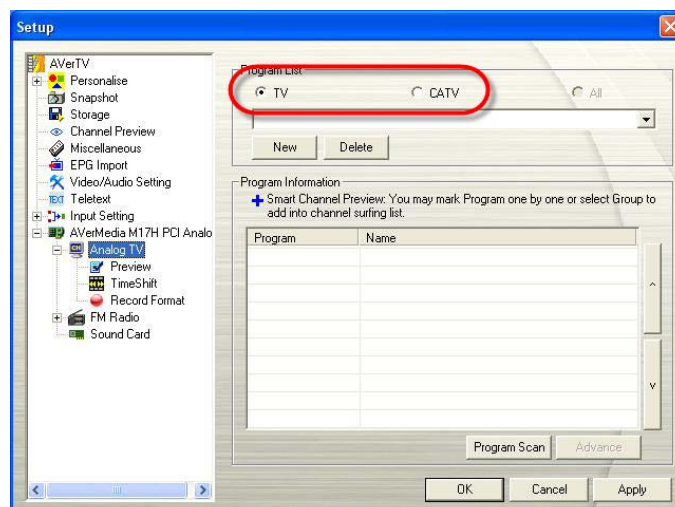


(This picture is only for reference)

1. Choose your desired signal input (Digital TV, Analog TV or FM Radio) on the left pane of the *Setup* dialog box.

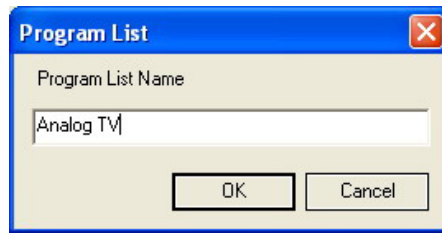
☒ **Note:** Before choosing the signal input, please make sure that your country/region is correct. For more information, please refer to *“Scanning Channels” in Chapter 3*.

2. Then you need to select the **TV** option to search for air channels, or select **CATV** to scan for cable channels if your choice is “Analog TV” in step 1.

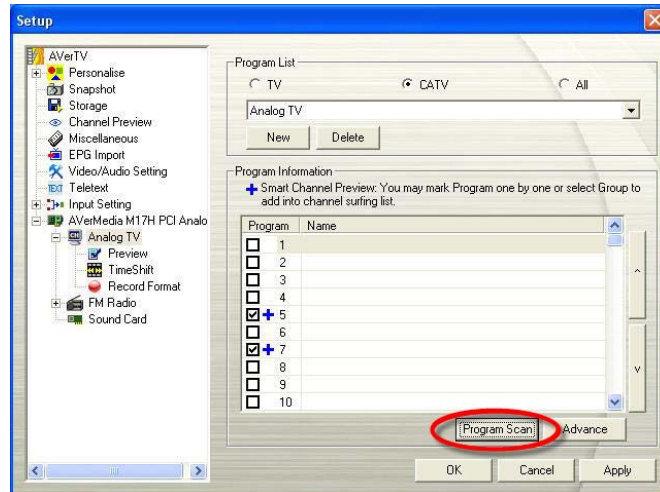


(This picture is only for reference)

- Click **New** and the *Program List* dialog box will appear. Type in the desirable name and click **OK**.



- Click **Program Scan** to search for available channels/programs in your area.



(This picture is only for reference)

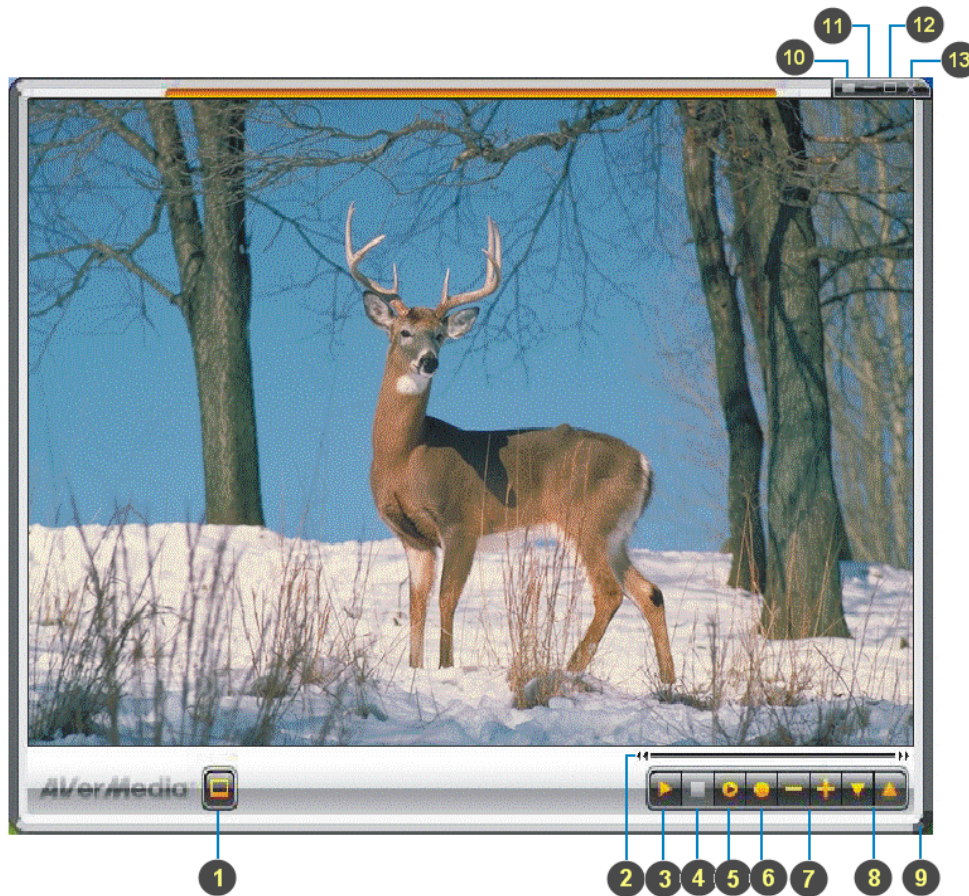
- After scanning, the active TV channels will be listed inside the box. Click **Apply** to save the scanned channels.

☒ **Note:** Digital channels that are in red text indicate they are locked channels (eg. Adult channels).

- To exit the current dialog box, click **OK**.
- If you choose FM Radio or Digital TV in step 1, just repeat step 3-6 to complete the program scanning.


3.3 Introducing the User Interface

The **TV monitor** allows you to watch live TV or video.

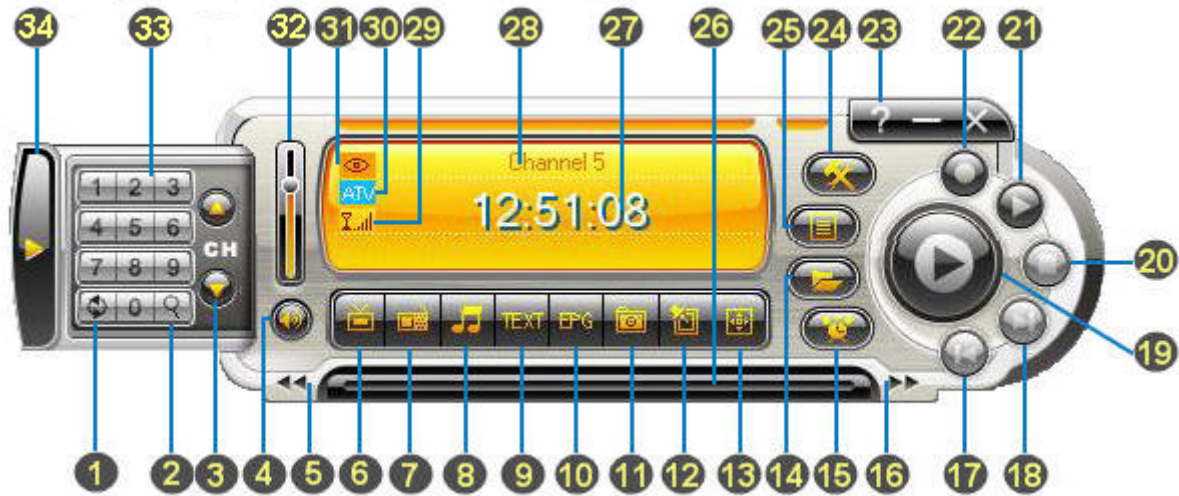


1	Panel On / Off	8	Channel Up/Down
2	Playback Seek Slider	9	Resize Window
3	Play / Pause	10	Show / Hide Video Frame
4	Stop	11	Minimize
5	TimeShift	12	Full Screen
6	Record	13	Exit
7	Volume		

The **Control Panel** provides button controls for selecting channels, adjusting volume, capturing images, and more. It has a panel display that shows the current channel number and channel name.

To display or hide the **Control Panel**, click the button  located at the lower left corner of the TV Monitor.

3.4 The Control Panel





The table below describes the functions of the buttons on the Control Panel.

	BUTTON	FUNCTION
1	Channel Loop	Return to previously accessed channel.
2	Multi-Channel Preview	Display 4 ~ 64 consecutive TV channels on the TV Monitor window. (By default, 16 TV channels will be displayed.)
3	Channel Up/ Down Frequency Tune Up/ Down	TV / FM mode: Move up/down the channel list FM mode: Frequency tune up/down Click on CH to switch between Channel mode (CH) and Frequency mode (FQ).
4	Mute	Turn off the sound.
5	Backward	Timeshift mode: Move backward in intervals.
6	Change Video Source	Switch between analog TV, digital TV, or S-video.
7	Radio Source	Switch between FM radio and DVB-T radio. (Only access to DVB-T Radio Broadcast, not Digital Audio Broadcast system.)
8	Audio Mode	Switch between available audio modes.
9	Teletext	View Teletext (PAL/SECAM) / Closed Caption (NTSC) information.
10	EPG	View EPG information (digital TV/analog TV with available EPG data).
11	Snapshot	Capture a single image or a sequence of images.
12	Always on Top	Make the TV monitor float over the top of other program windows.
13	Full Screen	Show TV/Video programs in full screen.
14	Play List	Create a playlist of video files to playback.
15	Scheduler	Display Scheduler dialog box.
16	Forward / Playback Speed Switch	Timeshift mode: Skip forward in intervals. Playback mode: Switch to next playback speed level.
17	Previous File	Play the previous file in the playlist.

18	Next File	Play the next file in the playlist.
19	TimeShift / Pause	Performs background recording of the live TV program. This function lets you view the recorded parts, while at the same time, recording is in progress. / Freeze the playback temporarily.
20	Stop	Stop the playback, recording, TimeShift, etc.
21	Play / Pause	Playback recorded video files. / Freeze the playback temporarily.
22	Record	Record the current TV show.
23	Help	View User's Manual.
24	Setup	Allows you to: *Autoscan channels. *Import analog EPG. *Customize the OSD settings. *Configure the Multi-Channel Preview settings. *Configure the Input Remapping settings. *Configure snapshot settings. *Customize record settings. *Customize the TimeShift function.
25	Program List	Display the and adjust color, volume and so on.
26	Slider / Playback Speed List	Playback mode: Right click on the slider to select playback or fast forwarding speed.
27	Time Display / Spectrum Analyze	Display time and spectrum analyze. Click on the time area on the panel to switch between time and spectrum analyze display.
28	Channel Display	Display and switch channels. Right click on the channel display area of the control panel to select channels.
29	Signal Strength	Display signal strength.
30	Signal Status / Repeat Play Status	TV/Radio mode: Right click on the info icon on the control panel to switch signal sources. Playback mode: Right click on the repeat icon on the control panel to enable the repeat function. The system will continuously playback the files in the playlist.
31	Mode Display	Display the mode in use.
32	Volume Control	Increase/decrease the volume level.
33	Numeric Buttons	Select channels/programs.
34	Show/ Hide Numeric Panel	Toggle between displaying or hiding the Numeric Panel.

3.5 Remote Control

You can use remote control to turn on/off the programs, select channels, adjust volume and so on.

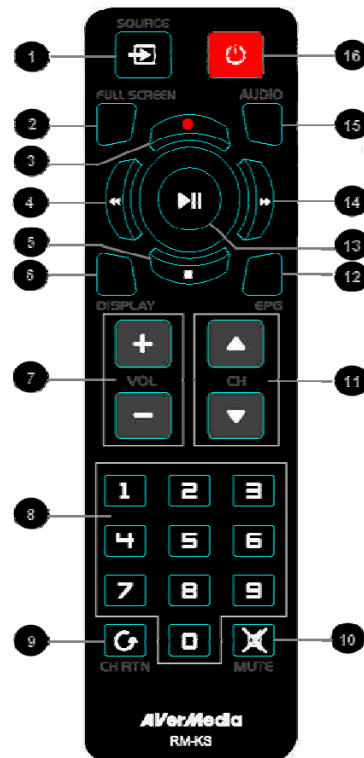
 **Note:** To control two or more than two cards/devices with a remote control, it is recommended to enable the multiple infrared receiver function first. To do this, right click AVerQuick icon  at the lower right corner of the screen, choose “**Setting**”, “**Remote control**” tab and select check boxes next to the device name. Please check your supported remote control model before activating this function.



Battery Safety Information:

- Store the batteries in a cool dry place.
- Do not dispose of used batteries in domestic waste. Dispose of batteries at special collection points or return to point of sale if applies.
- Remove the batteries during long periods of non-use. Always remove exhausted batteries from the remote control. Battery leakage and corrosion can damage this remote control, dispose of batteries safely.
- Do not mix old and new batteries.
- Do not mix different types of batteries: alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium).
- Do not dispose of batteries in a fire. The batteries may explode or leak.
- Never short circuit the battery terminals.


3.5.1 Remote Control Buttons (Model RM-KS)



Button	Description
1. SOURCE	Switch between available signal sources.
2. FULL SCREEN	Display TV in full screen.
3. ● (Record)	Switch to PVR mode and record the current program or video into your hard drive.
4. ◀◀ (Rewind)	Rewind the playback.
5. ■ (Stop)	- End the Playback or recording. - End the TimeShift mode and return to real-time TV or Radio mode.
6. DISPLAY	Display information.
7. VOL + / -	Volume up/down.
8. Numeric Buttons	- Select a TV channel. - Under the 16-Channel preview mode, use 2 4 6 8 to highlight the intended channel.
9. CH RTN	Go to the previously selected channel.
10. MUTE	Turn on/off the sound.
11. CH ▲ / ▼	Go up or down to the next active channel.
12. EPG	Launch the Electronic Program Guide. (DVB-T only)
13. ▶ (Play) / PAUSE	Play the last recorded or played file. / Freeze the playback.
14. ▶▶ (Forward)	Advance the playback.
15. AUDIO	Switch between available audio modes.
16. POWER	Turn on/off the application

3.6 Resizing the TV Monitor Window

To enlarge or reduce the size of the TV Monitor window, click and drag the lower right corner of the window.

Double-click the TV Monitor window to display it in full screen or click the Full Screen button  on the Control Panel.

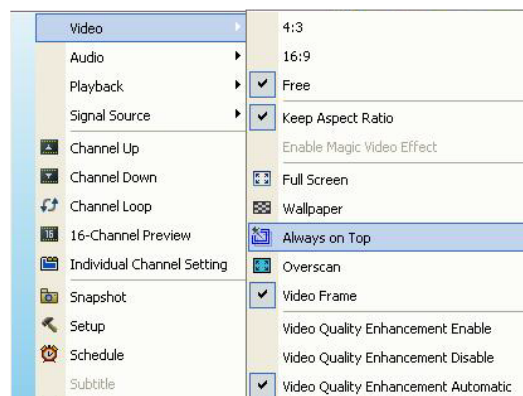
When in full screen mode, just double-click anywhere on the screen to revert to the normal TV window size.

3.7 Always on Top

To make the TV monitor window float over the top of other program windows, right-click on the TV monitor. In the pop-up menu, point to Video and choose Always on Top.

OR,

Click the **Always on Top** button  on the Control Panel.



3.8 Setting Windows® Power Options


This option allows you to put your computer in Stand By or Hibernate mode, power off, exit the application or log off from the computer while you are away from the computer.

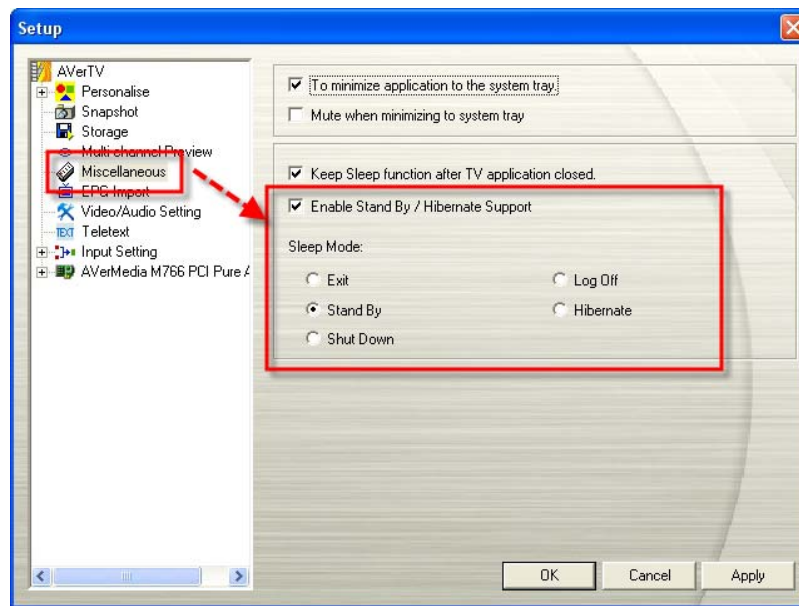
 **Note:**

Stand By: Stand By is a state in which your monitor and hard disks turn off, so that your computer uses less power.

Hibernate: Hibernation is a state in which your computer shuts down to save power but first saves everything in memory on your hard disk.

Please do the following:

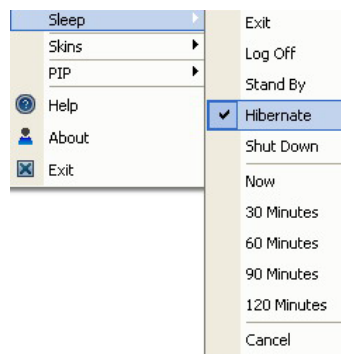
1. First, Click the **Setup** button  and in the *Setup* dialog box, click **Miscellaneous** icon on the left pane.
2. By default, the system is set to enable the *Stand By/Hibernation* option. What you have to do is to choose the desired power-saving settings. If your computer has a problem with coming out of Stand By or Hibernate mode, please clear the *Stand By/Hibernate* option.



(This picture is only for reference.)

3. Then press the **Sleep** button on the remote control repeatedly to set the execution time.
OR,

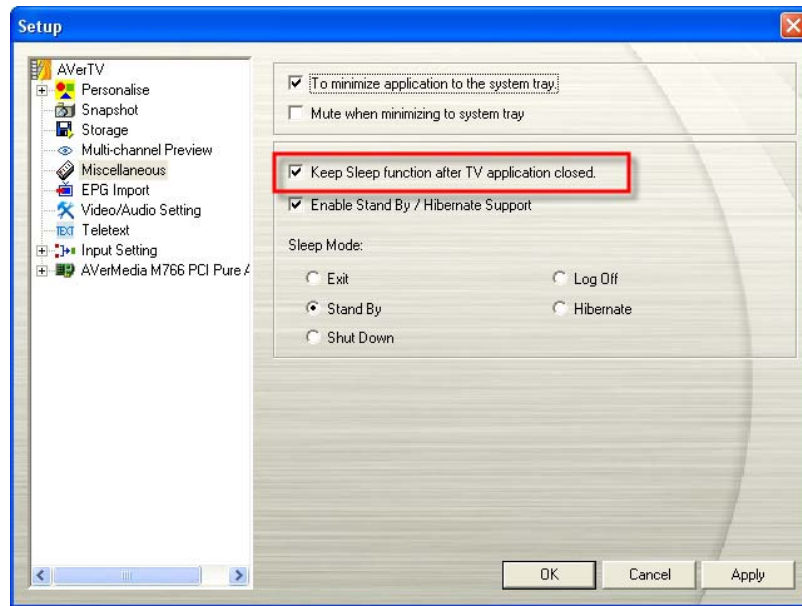
- 1). Right-click on the TV monitor, point to **Sleep** and select the desired mode.
- 2). Right-click on the TV monitor again, point to **Sleep** and choose an execution time.



3). The time setting will be displayed on the TV monitor. For details, please see the description below.


Time setting mode	Description
Sleep 30/60/90/120 Minute(s)	Your computer will go into Stand By or Hibernate mode in 30/60/90/120 minutes.
Now	Your computer will go into Stand By or Hibernate mode in about 10 seconds.
Cancel	Your computer will return to original settings.

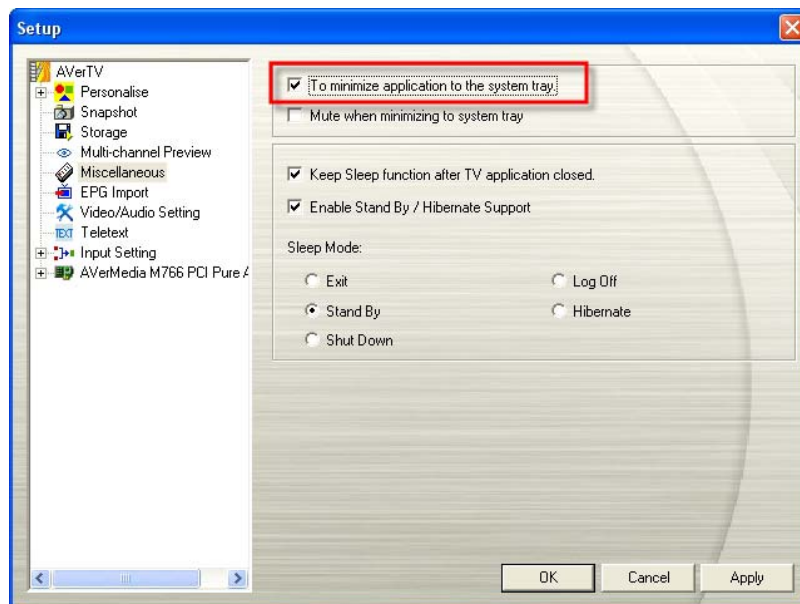
4. You can choose to keep or disable your setting when exiting the AVerTV application.



(This picture is only for reference.)


3.9 Minimize the Application

To minimize AVerTV application to the system tray (notification area), click the **Setup** button  and in the *Setup* dialog box, click **Miscellaneous** icon on the left pane. Then Select the **To minimize application to the system tray.** check box. Or clear the check box to simply minimize the application to a taskbar button.

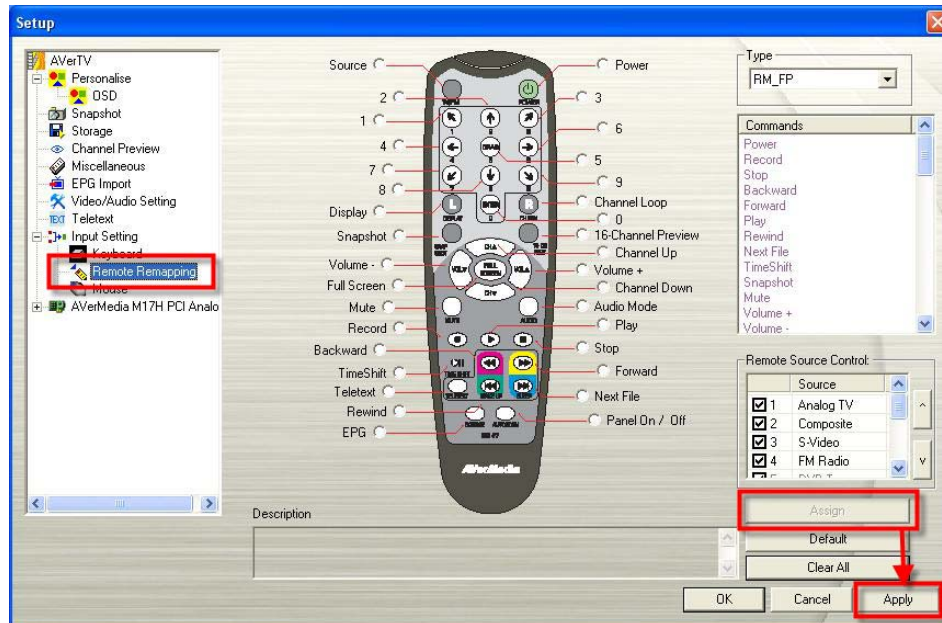


(This picture is only for reference.)

3.10 Change Definitions of the Remote Control Buttons

1. Click the **Setup** button  and in the *Setup* dialog box, select **Input Setting** in the left pane. Then click on the **Remote Remapping** icon on the left pane.
2. To re-define a function for a certain button:

- Select a desired button and choose a new command from the right pane of the dialog box. Then click **Assign**.
- From the right pane of the dialog box, drag the desired command and drop it on the remote button which you want to change the definition.

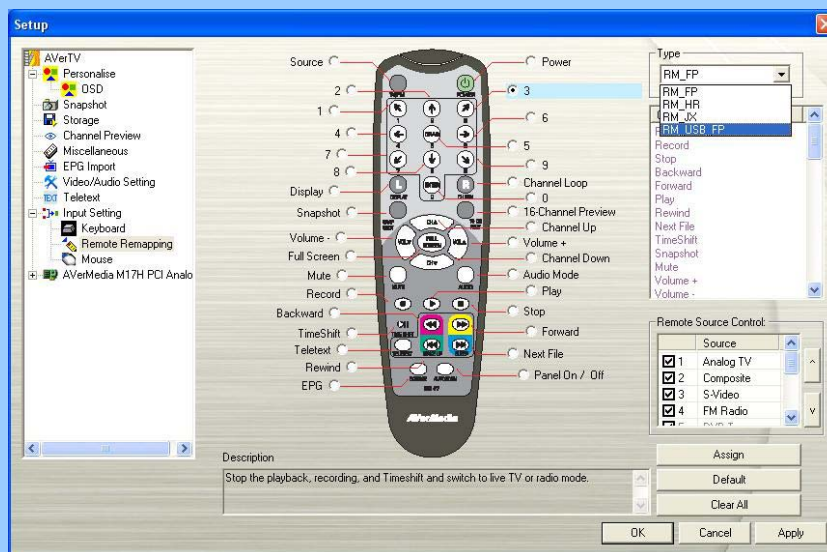


(This picture is only for reference.)

3. Click **Apply** to save the settings.
4. Click **Clear All** to delete all definitions of the remote control or click **Default** to revert to the factory setting.




Note: For the following situations, please select **RM_USB_FP** from the *Type* drop-down list to re-define a function for a certain button:

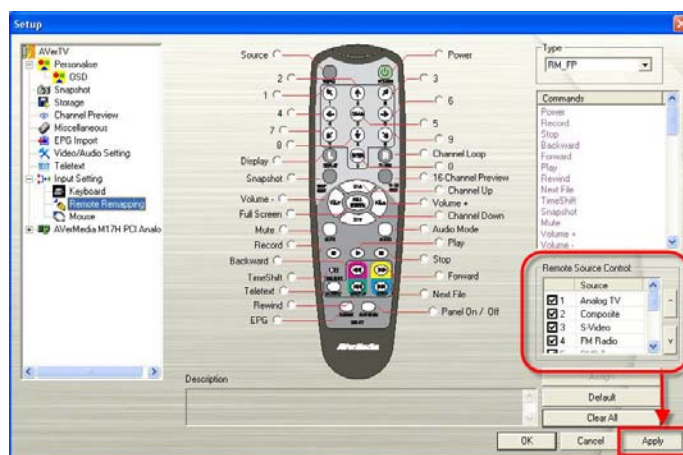
1. Your device uses external USB remote sensor and the remote control Part No. is “FP” or “KH”.
2. Your product is AVerTV Volar GPS 805.



3.11 Customize the Remote Control Source Button

On the Remote Source Control page, you may customize the remote control “Source” button to switch on the selected item.


1. Click the **Setup** button  and in the *Setup* dialog box, select **Input Setting** in the left pane. Then click on the **Remote Remapping**.
2. Select the signal source that you want from the Remote Control Source.
3. Click the **UP** or **DOWN** button   at the right side until the selected signal reaches the location you desire.
4. Click **Apply** to save the settings. Or click **Default** to revert to the factory setting.

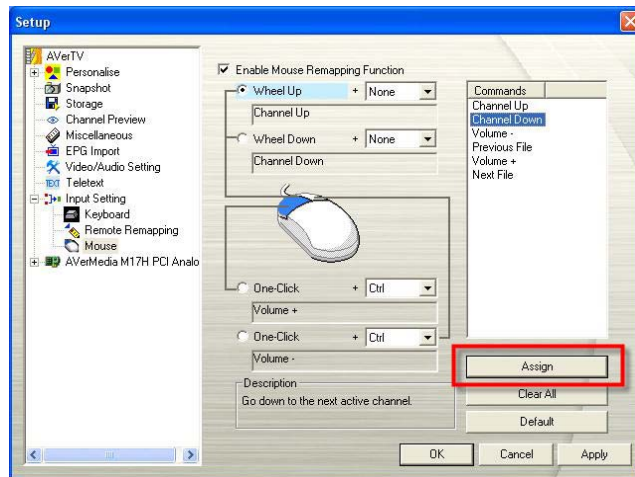


(This picture is only for reference.)

3.12 Customize Definitions of the Mouse

To re-define the mouse:

1. Click the **Setup** button  and in the *Setup* dialog box, select **Input Setting** in the left pane. Then click on the **Mouse** icon on the left pane.
2. To re-define a function for a certain button, select **Wheel Up**, **Wheel Down** or **One-Click** and the desired item from the drop down list. Then choose a new command from the right pane of the dialog box. Then click **Assign**.



(This picture is only for reference.)


3. Click **Apply** to save the settings.
4. Click **Clear All** to delete all definitions of the **mouse** or click **Default** to revert to the factory setting.

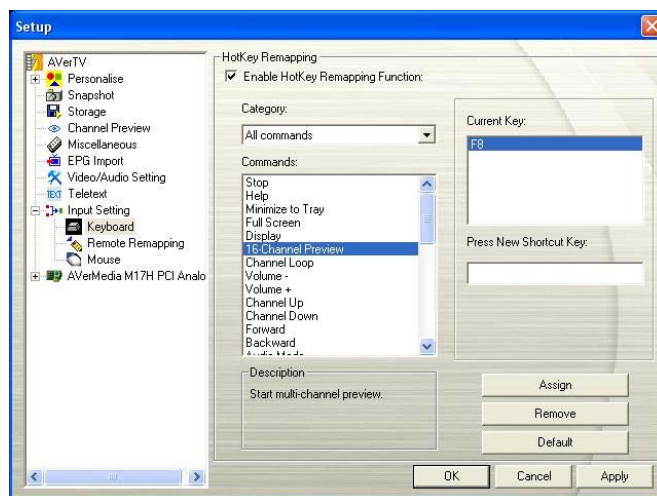
3.13 Customize Definitions of the Keyboard (Hot Keys)

Note: It is recommended to use an unassigned key to use as your new keys.

You can use the default hot keys or create your own hot keys.

To re-define the shortcut keys:

1. Click the **Setup** button . In the *Setup* dialog box, choose the **Input Setting**, and click the **Keyboard** icon on the left pane.
2. Choose the signal status from the **Category** drop down list.
3. Choose a command that you want to specify a new hot keys.
4. Assign hotkey combination to the command that you use most often and then click **Assign**. Or you can click **Remove** to delete hotkeys.




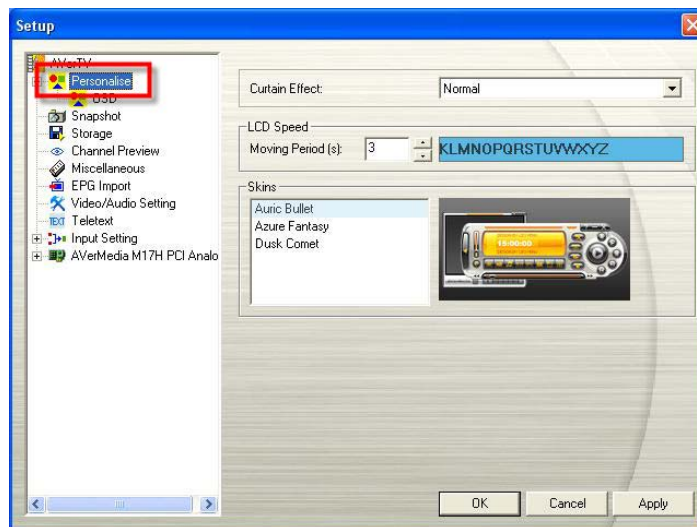
(This picture is only for reference)

5. Click **Default** if you want to revert to the factory setting.
6. Click **Apply** to save settings or click **Cancel** to abort without settings.


☒ **Note:** It is recommended to use an unassigned key to use as your new keys.

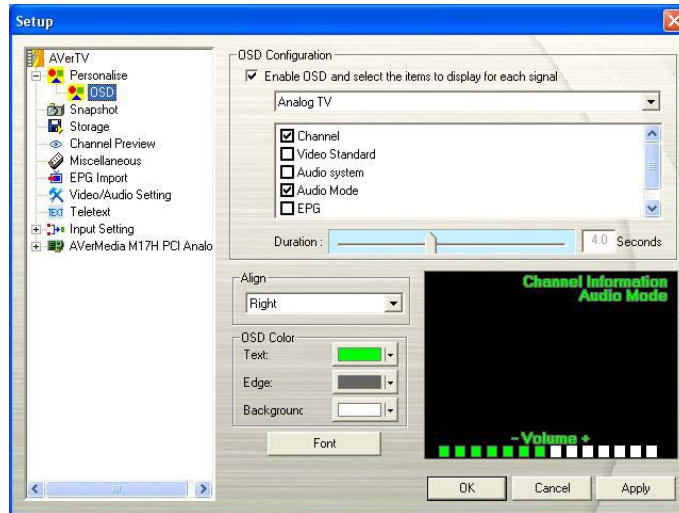
3.14 Changing the OSD Attributes

Click the **Setup** button  and in the *Setup* dialog box, click the **Personalise** icon on the left pane. On this page, you can customize the curtain effect, LCD speed, or appearance of the TV monitor and the control panel skin.



(This picture is only for reference.)

1. Click the **Setup** button  and in the *Setup* dialog box, click on the **Personalise** icon on the left pane.
2. In this page, you can customize menu effect (Fade In/Fade Out), set the speed of marquee (LCD Speed), and change the appearance of the TV monitor and the control panel (Skins).
3. Then select **OSD**. In this page, you can choose the TV system from the drop-down list for different display information on the TV monitor. You can also adjust OSD color (Text, Edge, Background).



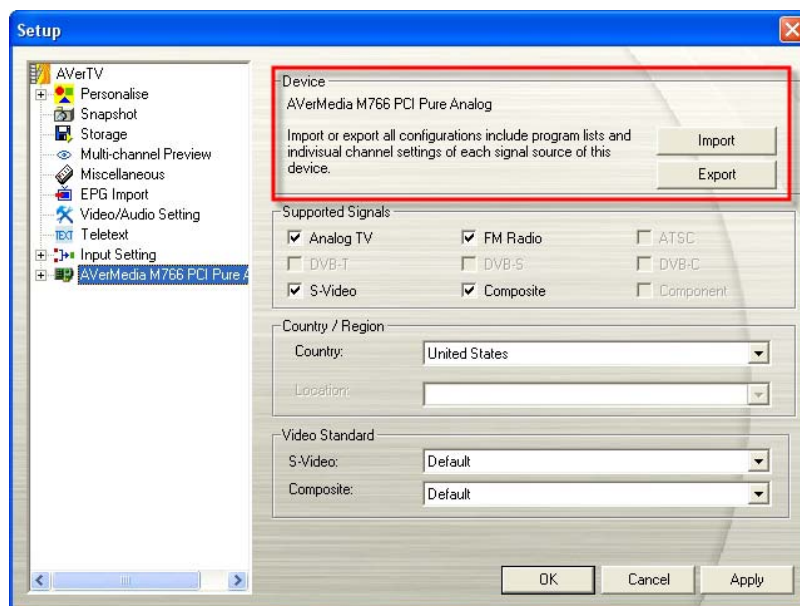
(This picture is only for reference.)

4. Click **Apply** to save settings or click **Cancel** to abort without settings.

3.15 Configurations Import and Export

After setting up the device, all configurations can be saved as a file (.adi). Thus, resetting-up is unnecessary unless the adi. file has been removed.

1. To export the file of all configurations, press **Export** button, and the **Save As Dialog** will appear for users to select the saving path.
2. To import the saved file of all configurations, press **Import** button, and the **Open Dialog** will appear for users to select the saved files.





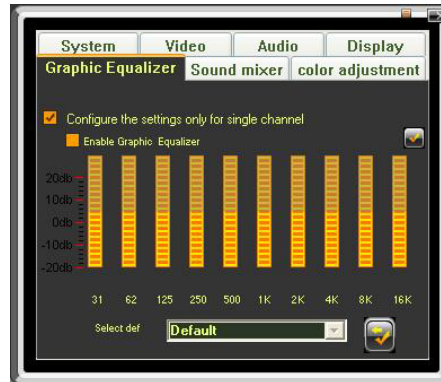
(This picture is only for reference.)

3. Click **Apply** to save settings or click **Cancel** to abort without settings.



3.16 Graphic Equalizing

The graphic equalizer function enables users to have best audio quality of the chosen music style.

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Graphic Equalizer** tab.





(This picture is only for reference)

3. Select **Enable Graphic Equalizer** check box to enable the function.
4. Then choose the desired music style from the drop-down list.
5. If you just want to adjust sound effects of one specific channel, select **Configure the settings only for single channel** and repeat step 3 and step 4.
6. To apply the converted settings to all channels, click **Apply All** button .
7. Click **Default** button  if you want to revert the factory settings.



3.17 System Settings

In the System settings page, you are able to modify the audio system and audio mode based on the TV system you use.

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **System** tab.




(This picture is only for reference)

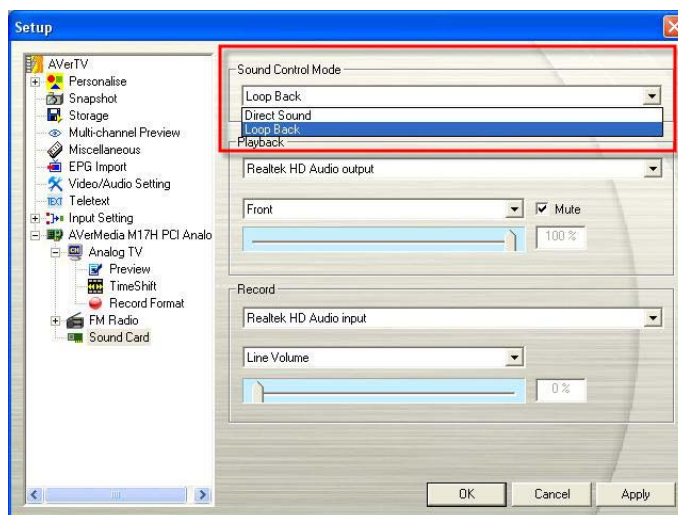
3. Select the TV system from the Video Standard drop-down list.
4. Choose the preferred Audio System or Audio Mode from the drop-down list. (The items in the drop-down menu of Audio System and Audio Mode may differ based on the selected Video Standard.)
5. To apply the converted settings to all channels, click **Apply All** button .
6. Click **Default** button  if you want to revert the factory settings.

3.18 Customize Sound Card Settings (Optional)

On the Sound Card setting page, you can choose the available sound cards. By default, **Direct Sound** is chosen. If **Loop Back** is supported, you can choose it for better quality in audio-visual synchrony.

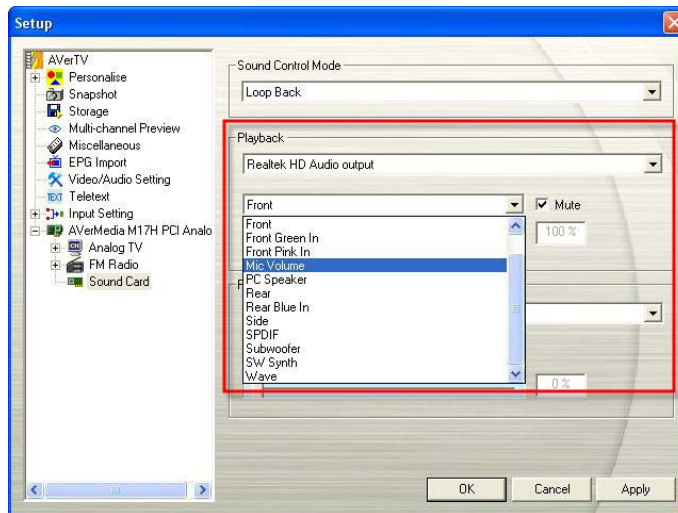
To customize Loop Back settings:

1. Click the **Setup** button  and in the *Setup* dialog box, click on the Sound Card icon on the left pane. Then choose **Loop Back** from the drop down list.

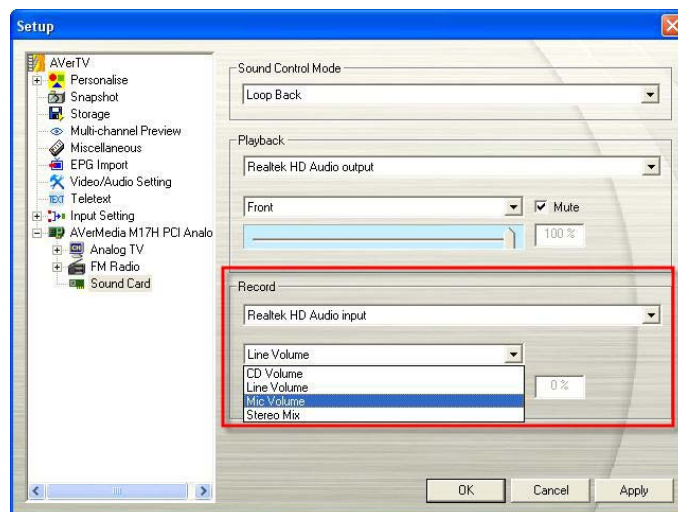


(This picture is only for reference)

2. In the Playback area, select the output to use from the drop down menu.



3. In the Record area on the same page, you can select the input source to use from the drop down menu.




☒ **Note:** The input and output choices in the drop-down menu of the *Playback* and *Record* area may not be exactly the same in different PCs. Please select the correct and corresponding input and output individually to ensure better playback and recording quality.

4. Click **Apply** to save settings or click **Cancel** to abort without settings.

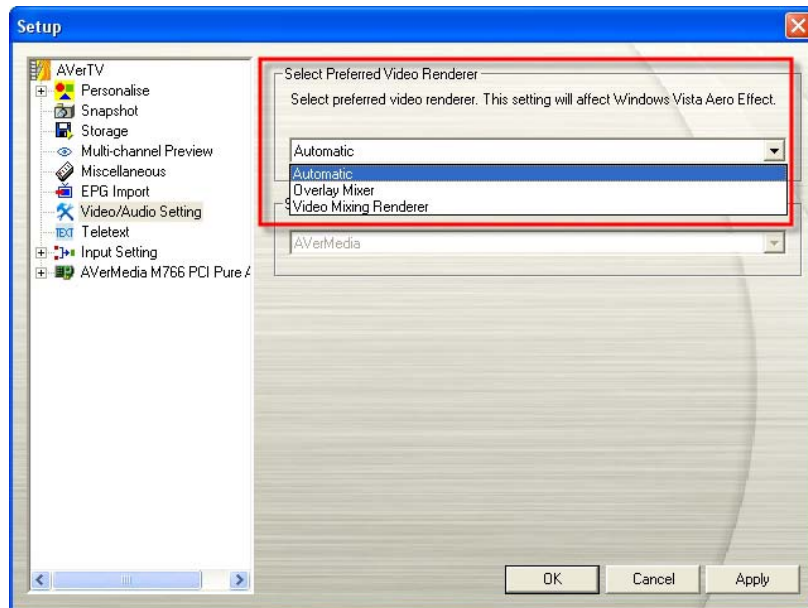
3.19 Changing Renderer and Decoder (Optional)

According to your graphic card and computer, you can choose a suitable renderer for best watching experience. EVR (Enhanced Video Renderer) filter is only supported on Vista OS, and is not available on XP or older OS versions. The benefit of using EVR can reduce color space transform costs and have better timing and synchronization mechanism that can balance CPU resource well.

To choose the video renderer you prefer:

1. Click the **Setup** button  and in the *Setup* dialog box, click the **Video/Audio Setting** icon on the left pane.

2. In the **Select Preferred Video Renderer** area, you can select preferred video renderer from the drop-down list.




(This picture is only for reference.)

Note:

1. By default, the renderer is set to Automatic (Overlay Mixer for Windows XP system; Enhanced Video Renderer (EVR) for Windows Vista system).
2. Under Windows Vista system, if you choose Overlay Mixer, the Aero Effect will be affected. Then if you select VMR again, you will be asked to restart the application to re-enable Aero Effect.

3. Click **Apply** to save settings or click **Cancel** to abort without settings.

To choose the MPEG-2 video decoder you want:

1. Click the **Setup** button  and in the *Setup* dialog box, click the **Video/Audio Setting** icon on the left pane.
2. In the Select Preferred MPEG-2 Video Decoder area, you can select preferred decoder from the drop-down list.

Note: The MPEG-2 Video Decoders can be chosen only in Windows Vista system.

3. Click **Apply** to save settings or click **Cancel** to abort without settings.


Chapter 4 TV

In this chapter, we will introduce methods to scan programs, select a TV/Radio program, create a group and so on.

4.1 Analog TV

4.1.1 Scanning Channels

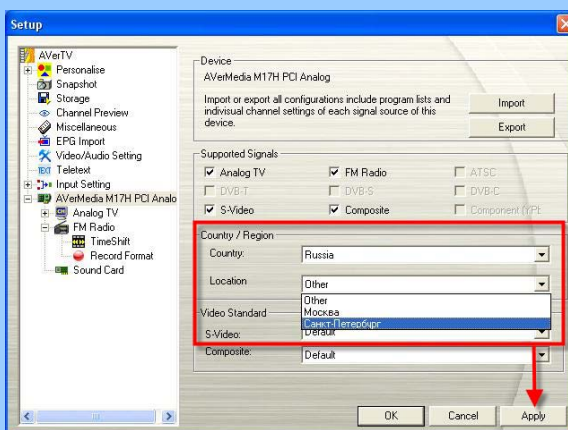
If you didn't complete the channel scanning when you first ran the application, please follow these steps to complete this procedure.

1. Click the **Setup** button  and in the *Setup* dialog box, select an available Avermedia device in the left pane.

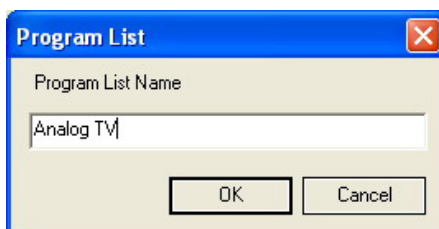
☒ **Note:**

Make sure that your Country/Region is correct.

- a. First, select an available Avermedia device in the left pane.
- b. From the Region/Country drop-down list, select your country or region.
- c. Click **Apply** to save the settings.



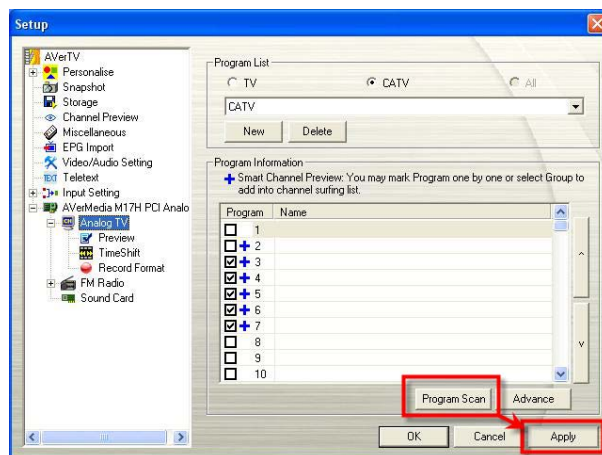
2. Then select **Analog TV**. On this page, choose the **TV** option to search only for air channel, select **CATV** to scan for cable channels or choose **All** option to scan for both air channel and cable channels.
3. Click **New** and the *Program List* dialog box will appear. Type in the desirable name and click **OK**.



4. Then Click **Program Scan** to start the scanning process.

The application comes with a default frequency table therefore the application will use this table to search for active channels/programs. If you want to terminate the searching process, just click **Stop**.

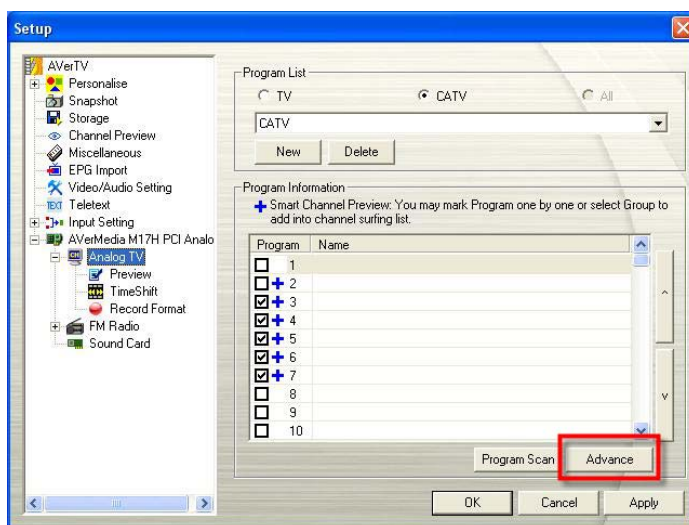
5. You can check the scanning progress from the progress bar. After scanning, the active TV/Radio channels will be listed inside the box. Click **Apply** to save the scanned channels.



(This picture is only for reference.)

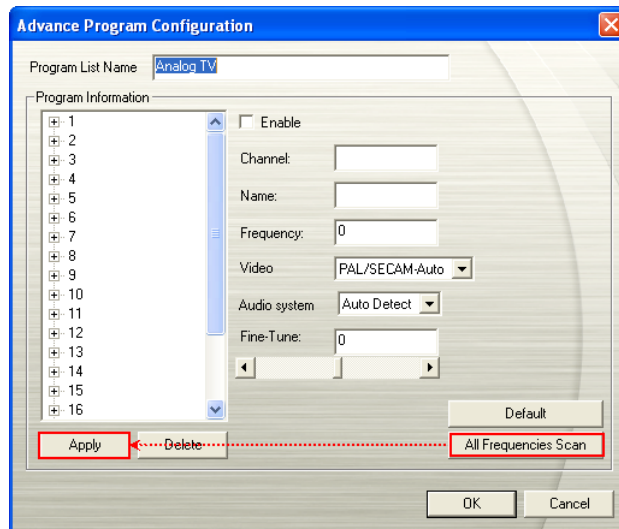
4.1.2 Scanning Channels (For Advanced Users)

1. Click **Advance** located at right-lower corner in the **Program Information** section. Then the *Advance Program Configuration* dialog box will appear.



(This picture is only for reference.)

2. If you don't want to miss any channels, click **All Frequencies Scan**.




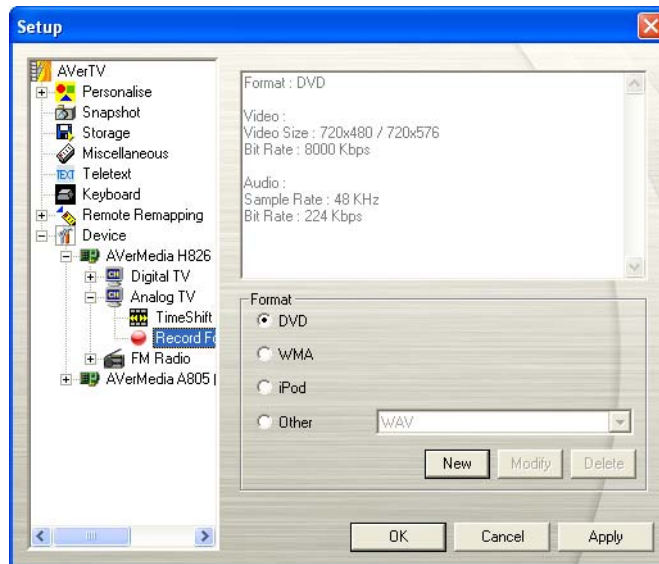
3. When a warning message appears, click **Yes** to continue the procedure or click **No** to abort this operation.
4. After scanning, new active channels/programs will be memorized and listed in the left pane of the dialog box.
5. Click **Apply** to save the scanned channels.

☒ **Note:** Here you can modify the channel name, select the video and audio system. If you want to revert to factory setting, simply click Default button.

4.1.3 Customize Video Record Settings

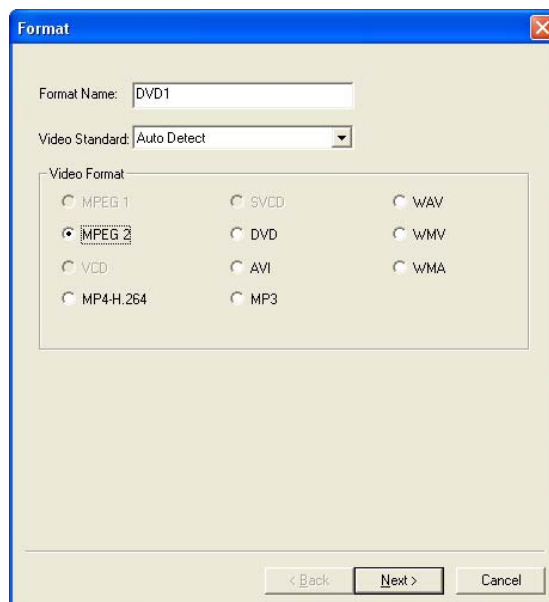
To customize the video record settings, please do the following.

1. Click the **Setup** button  and in the *Setup* dialog box, click on the **Analog TV** icon on the left pane.
2. Select the **Record Format** option.
3. Determine the video file format to use for saving the recorded video file.
4. You can use the default format or select **New** to create your own file format.



(This picture is only for reference.)

5. Click **New** and the *Format* dialog box appears. In the *Format* dialog box, select the file format you want and enter the desired name in the text box. Click **Next**.



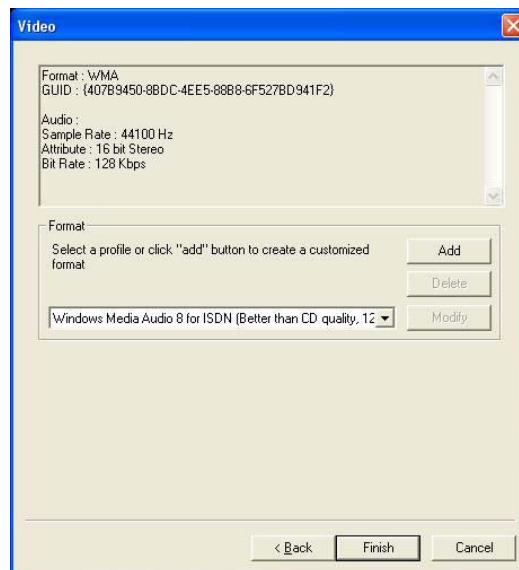
(This picture is only for reference.)

6. In the *Video* dialog box, you can set the video format and audio format. Click **Finish**.
7. If you want to change the settings of your own file format, click **Modify**. Or click **Delete** to remove the unwanted file format that you created.
8. Click **Apply** to save the setting and click **OK** to exit the current dialog box. To abort this operation, click **Cancel**.

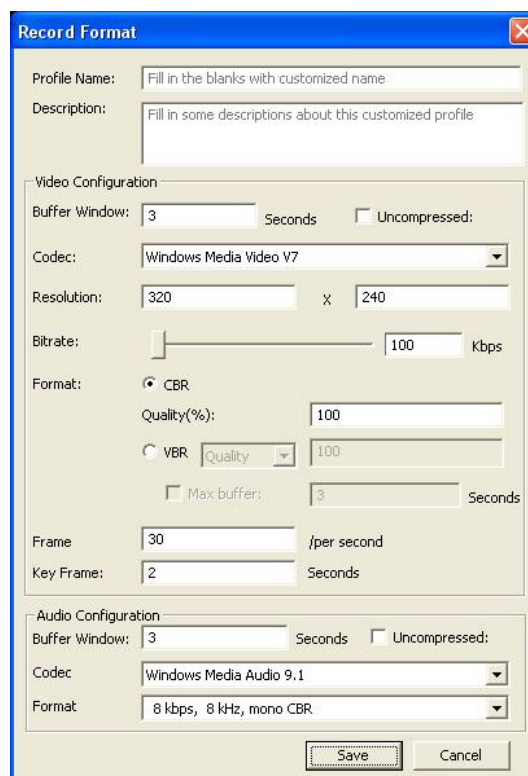
The WMA/WMV/ MPEG-2 files are allowed to be customized (For Advanced Users):

1. Follow the previous steps, but choose the WMA, WMV or MPEG-2 file format in step 3.

2. Click **New**. In the *Format* dialog box, select the WMA/WMV/MPEG-2 file format and enter the desired name in the text box. Click **Next**.
3. In *Video* dialog box, select a profile or click **Add** button to create a customized format.

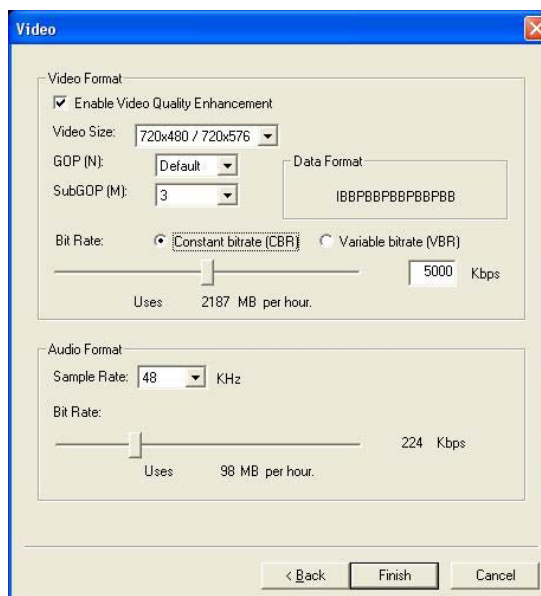


4. Click **Add**. If you choose the WMA/WMV files, you will see the following *Record Format* dialog box.



(This picture is only for reference.)

5. Here you can create your preferred video and audio configurations for video recording. Then, click **Save**→**Finish**.
6. If you choose the MPEG-2 files, you will see the following *Video* dialog box.



(This picture is only for reference.)

7. Here you are able to set the video/audio format as you wish. Then click **Finish**.
8. Click **Apply** to save the setting and click **OK** to exit the current dialog box.

☒ **Note:** To determine the length of recording and to choose a destination folder in which to save the recorded audio, please refer to the section titled **Record Settings** in Chapter 6.

Information:

File Format	Description
MPEG-2	Videos compressed using MPEG-2 have extremely high quality pictures and full CD-quality sound. Choose MPEG-2 format for video files that are intended for DVD-ROM playback on a computer or if you want broadcast quality videos.
DVD	When you choose this format, the recorded video file will be saved in MPEG-2 format that is compliant with DVD standards. Standard DVD frame size and frame rate are 720 x 480 pixels at 29.97 fps for NTSC and 720 x 576 at 25 fps for PAL.
AVI	AVI is the most common video file format for playback on the computer. It can be saved in uncompressed form if you want high quality video, or compressed using any of the available codecs if you want to minimize the file size.
WAV	A common audio file format for Windows computers. It was created by Microsoft and has become a standard PC audio file format.
iPod	A video format base on H.264 standard but has smaller video bit rate. It's an iPod - compatible format.
MP4-H.264	Videos compressed using MPEG-4 standard are two or three times more efficient than MPEG-2. This format can be applied to a wide variety of applications or networks and systems like HD-DVD, Digital TV, Broadcast and Streaming applications.



WMA	An audio file format that is use for content intended for local playback or download and play. It provides near-CD quality.
WMV	WMV stands for Window Media Video, which is defined by Microsoft. This file targets audiences with high speed Internet or LAN connections.
MP3	An audio format compressed with a standard defined by Motion Picture Experts Group offers near-CD quality sound.

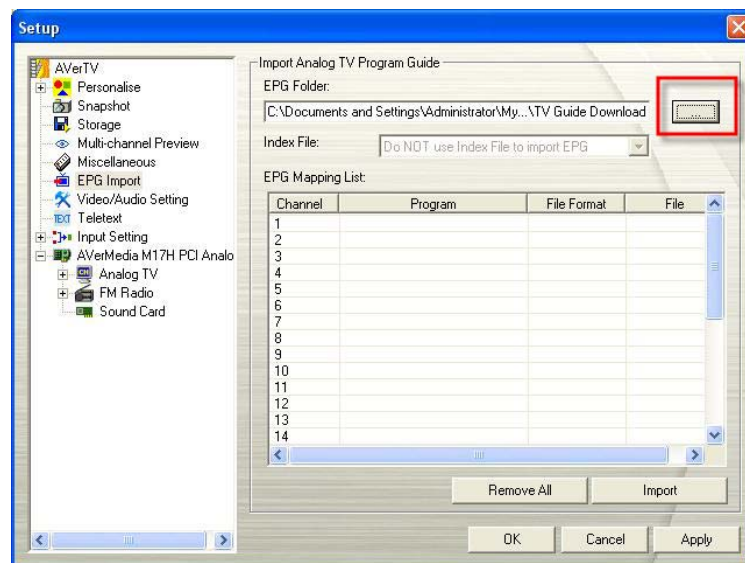
4.1.4 Analog EPG Import

Electronic Program Guide (EPG) is a service that allows you to check the next succeeding program schedule and even the program schedules of the whole week.

For Analog TV, the EPG needs to be imported manually.

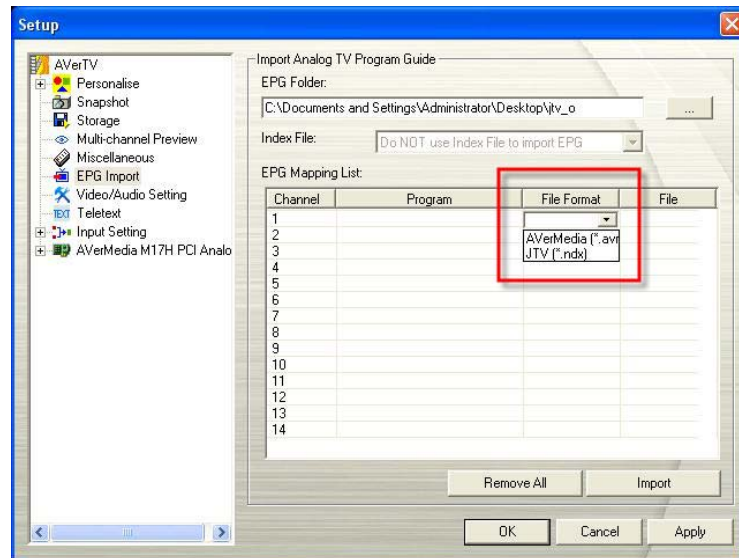
Import analog EPG for the first time:

1. If the EPG service is provided in your region/country, go to the TV website of your region/country, and download the EPG files (*.ndx, *.pdt, *.avr)
2. Click the **Setup** button  and in the *Setup* dialog box, click on the Analog EPG Import icon on the left pane.
3. Click  to choose the designated folder in which the EPG files (.ndx or .avr) are saved.



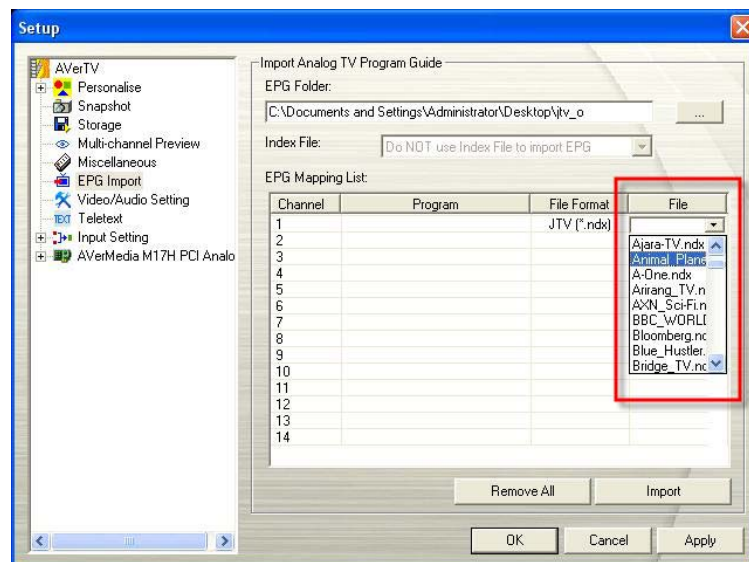
(This picture is only for reference.)

4. Then double click on the space under **File Format** to select the file format (.ndx or .avr) from the drop down list.




(This picture is only for reference.)

5. Then double click on the space below **File** to choose the designated file to insert.



(This picture is only for reference.)

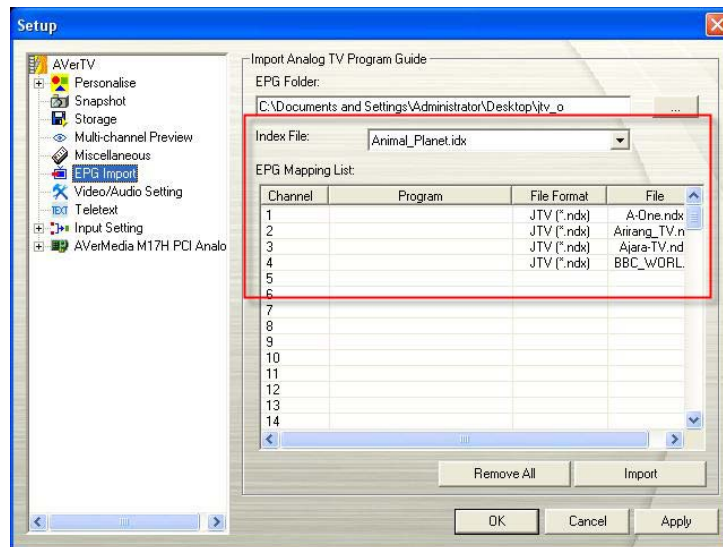
6. Click Import button to complete EPG import.
7. Then click **Apply** to save the imported EPG.

- ☒ **Note:** Each file refers to the TV programs of one channel.
- ☒ **Note:** After importing analog EPG for the first time, the channels you've chosen to import will be saved and listed in the EPG Mapping List. However, you still need to click on **Import** button to update and get the latest EPG information.
- ☒ **Note:** To see the imported EPG information, just click the **EPG** button  on the control panel to open the EPG window.
- ☒ **Note:** JTV format EPG TV guide (*.ndx and *.pdt) can be found at <http://www.teleweb.ru>.

If you have the Index File, the Index File drop-down list will be available for selection.

To import the Index file, please do the followings:

1. First you must have the EPG Index File (*.idx) and the EPG files (*.ndx, *.pdt, *.avr)
2. Then put the index files and EPG files in the same folder.
3. Choose the index file from the drop-down list. Once you select the index file, you will see the EPG data of the index file in the EPG Mapping List.



(This picture is only for reference.)

4. Click **Apply** to save the imported EPG.

- ☒ **Note:** The Index file format (.idx) can be edited by users. For more information, please refer to **Chapter 12: Appendix**.
- ☒ **Note:** After you import the index file, you can still add more EPG files (*.ndx, *.pdt, *.avr) in the EPG Mapping List. After clicking the Apply button, all EPG files will be saved in the index you have chosen.

To update the imported analog EPG:

Simply click on the **Import** button again on the same page for the latest analog EPG information.

4.1.5 Fine Tuning Color of the Display





If the color or picture quality of the TV display needs to be adjusted, please do the following.

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .

2. When a dialog box appears, select **Display** tab.



(This picture is only for reference.)



3. Then use ,  or the slider to adjust **Brightness**, **Contrast**, **Hue**, **Saturation** and **Sharpness** until you get an accurate color.
4. If you just want to adjust color of one specific channel, select **Configure the settings only for single channel** and repeat step 3. To apply the converted settings to all channels, click **Apply All** button .
5. Click Default button  if you want to revert to the factory settings.

4.1.6 Enhancing the Video Quality

This function can reduce noise. Choose an appropriate option listed below.



- Video Quality Enhancement Enable: Activate to improve the video quality.
- Video Quality Enhancement Disable: Disable the video quality enhancement function.
- Video Quality Enhancement Automatic: Automatically adjust video quality depending on the video screen size.

OR,

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Video** tab.
3. Choose a desired option from the **Video Quality Enhancement** drop-down list.





(This picture is only for reference.)

4. If you just want to enhance video quality of one specific channel, select **Configure the settings only for single channel** and repeat step 3. To apply the converted settings to all channels, click **Apply All** button .
5. Click **Default** button  if you want to revert the factory settings.

4.1.7 Using the De-interlace Function

The de-interlace function can remove the jagged edges of images in serial rapid movement. It is recommended using this function to ensure smooth and clear video images.

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Video Setting** tab.



(This picture is only for reference.)

- From the De-Interlace drop down list, try all the options to compare which can give you the best quality.

4.2 Digital TV

4.2.1 Scanning Channels

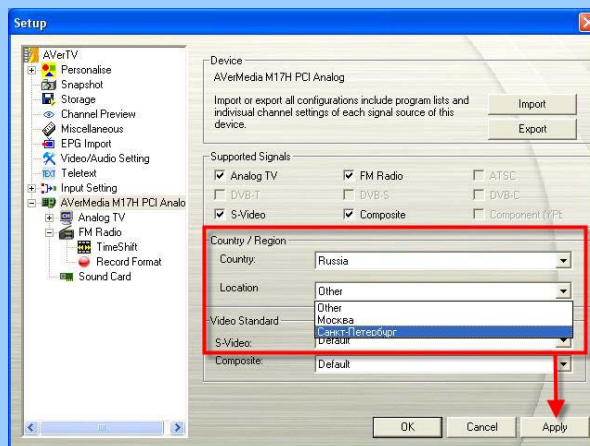
If you didn't complete the channel scanning when you first ran the application, please follow these steps to complete this procedure.

- Click the **Setup** button  and in the *Setup* dialog box, select an available Avermedia device in the left pane.

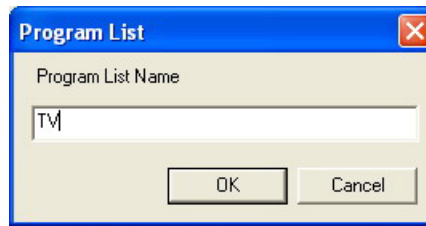
☒ Note:

Make sure that your Country/Region is correct.

- First, select an available AVerMedia device in the left pane.
- From the Region/Country drop-down list, select your country or region.
- Click **Apply** to save the settings.



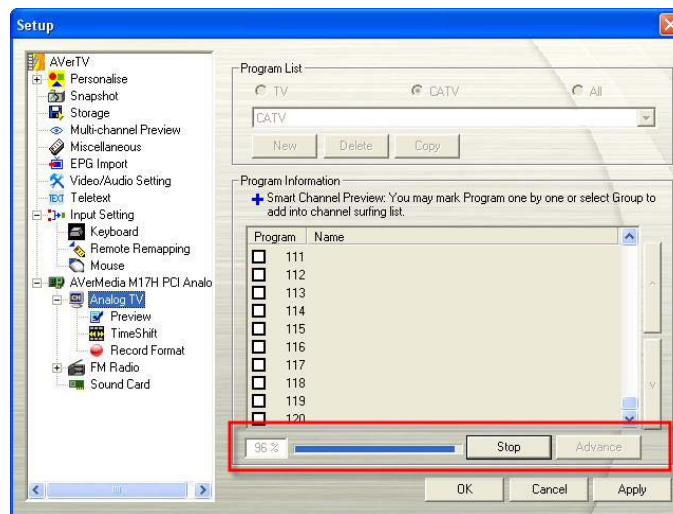
- Then select **Digital TV**.
- Click **New** and the *Program List* dialog box will appear. Type in the desirable name and click **OK**.



4. Then Click **Program Scan** to start the scanning process.

The application comes with a default frequency table therefore the application will use this table to search for active channels/programs. If you want to terminate the searching process, just click **Stop**.

5. You can check the scanning progress from the progress bar. After scanning, the active TV/Radio channels will be listed inside the box. Click **Apply** to save the scanned channels.

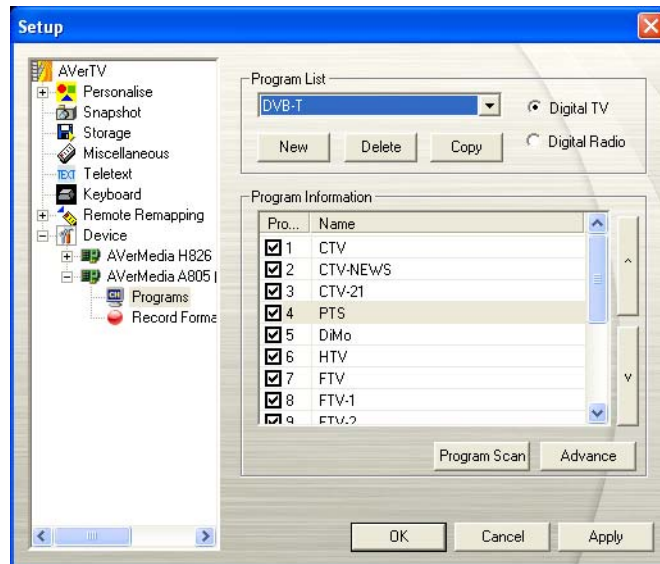


(This picture is only for reference.)

☒ **Note:** Digital Channels that are in red text indicate they are locked channels (eg. Adult channels).

4.2.2 Scanning Channels (For Advanced Users)

1. Click **Advance** located at right-lower corner in the **Program Information** section. Then the *Advance Program Configuration* dialog box will appear.

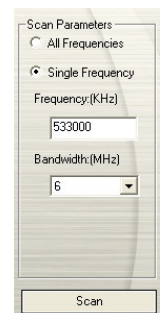


(This picture is only for reference.)

- When there are channels missing from the channel memory, select **All Frequencies** or **Single Frequency**.


☒ **Note:** **All Frequencies Scanning** may take you a while. Please be patient.

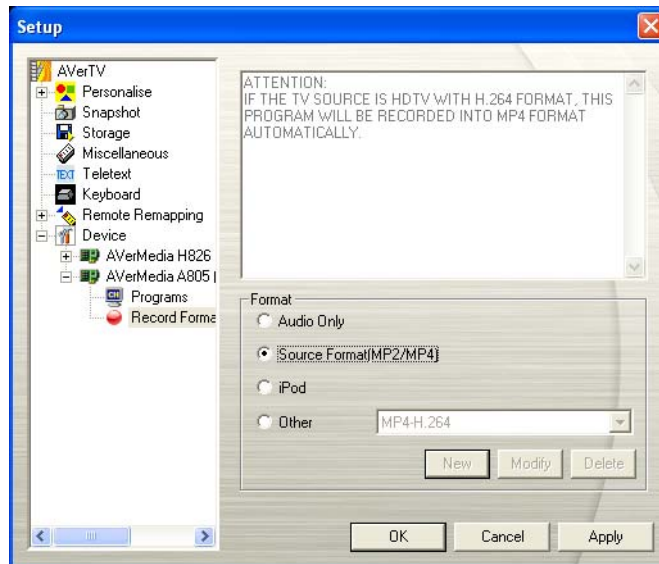
- Once you select **Single Frequency**, you need to specify the correct **Frequency**, for example 533000 (KHz), and **Bandwidth**.
- Then click **Scan**.
- After scanning, new active channels/programs will be memorized and listed in the left pane of the dialog box.
- Click **Apply** to save the scanned channels.



4.2.3 Customize Video Record Settings

To customize the video record settings, please do the following.

- Click the **Setup** button  and in the *Setup* dialog box, click on the **Digital TV** icon on the left pane.
- Select the **Record Format** option.
- Select recording type. You can use the default format or select **New** to create your own file format. Or you can choose *Audio Only* for sound recording.

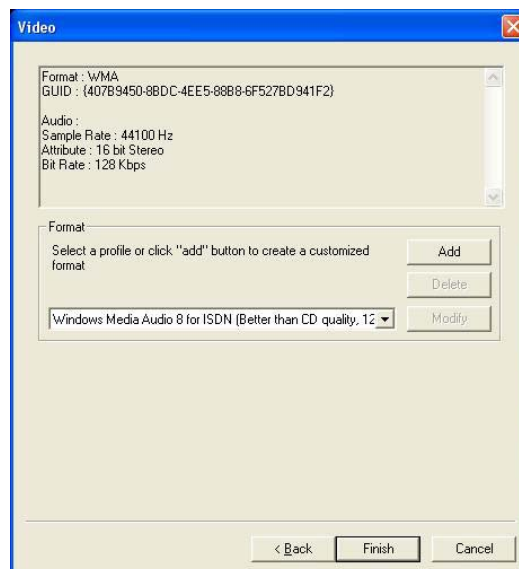


(This picture is only for reference.)

4. Click **Apply** to save the setting and click **OK** to exit the current dialog box. To abort this operation, click **Cancel**.

The WMA/WMV files are allowed to be customized (For Advanced Users):

1. Follow the previous steps, but choose the WMA or WMV file format in step 3.
2. Click **New**. In the *Format* dialog box, select the WMA/WMV file format and enter the desired name in the text box. Click **Next**.
3. In *Video* dialog box, select a profile or click **Add** button to create a customized format.



(This picture is only for reference.)

4. Click **Add**. You will see the following *Record Format* dialog box.

The 'Record Format' dialog box is shown with the following settings:


- Profile Name:** Fill in the blanks with customized name
- Description:** Fill in some descriptions about this customized profile
- Video Configuration:**
 - Buffer Window:** 3 Seconds ☐ Uncompressed:
 - Codec:** Windows Media Video V7
 - Resolution:** 320 x 240
 - Bitrate:** 100 Kbps
 - Format:** CBR (selected)
 - Quality(%):** 100
 - VBR:** ☐ **Quality:** 100
 - Max buffer:** 3 Seconds
 - Frame:** 30 /per second
 - Key Frame:** 2 Seconds
- Audio Configuration:**
 - Buffer Window:** 3 Seconds ☐ Uncompressed:
 - Codec:** Windows Media Audio 9.1
 - Format:** 8 kbps, 8 kHz, mono CBR
- Buttons:** Save, Cancel

(This picture is only for reference.)

5. Here you can create your preferred video and audio configurations for video recording. Then, click **Save**→**Finish**.
6. Click **Apply** to save the setting and click **OK** to exit the current dialog box.

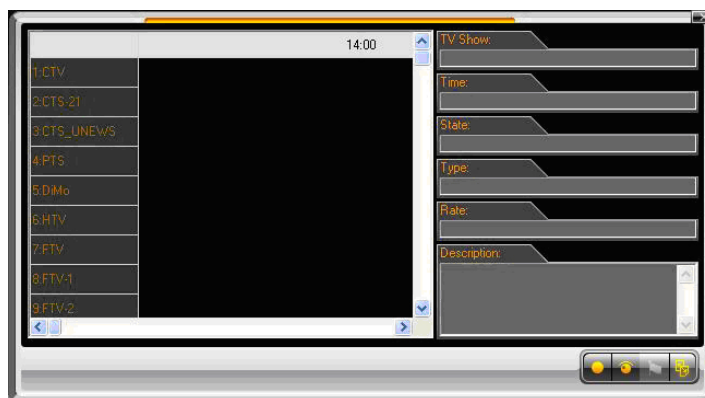
☒ **Note:** To determine the length of recording and to choose a destination folder in which to save the recorded audio, please refer to the section titled **Record Settings** in Chapter 6.

4.2.4 Using the EPG Function



Electronic Program Guide (EPG) is a service that allows you to check the next succeeding program schedule and even the program schedules of the whole week. If the EPG service is provided in your region/country, simply click the **EPG** button  to open the *EPG* window.



First, select the desired program from the *Program* drop-down list and the *EPG* window will display the schedule for one week. Surely, you can also see the related information such as program name, time, and description about the program on the right pane of the window.

In addition, when switching channels, the TV screen can show the current and succeeding program information.




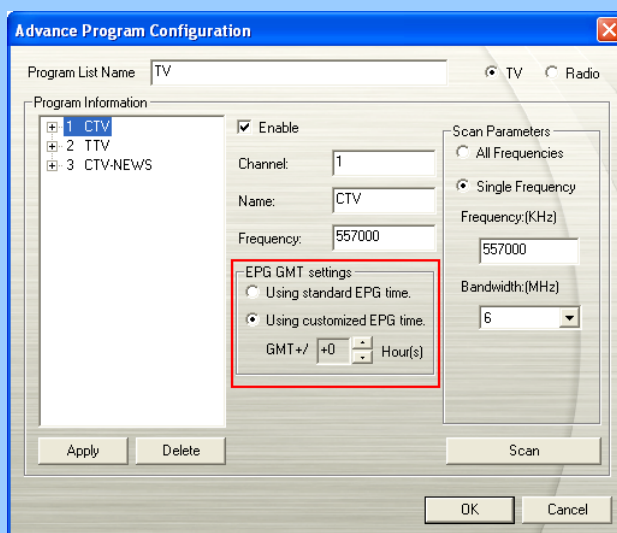
(This picture is only for reference.)

Our *EPG* window also allows you to preset a schedule for watching or recording programs. Just select your favorite programs and click Record button  or the Active TV Application button . And the system will execute your command on schedule.

If the EPG data contains multiple languages, you can click button  to switch EPG language. For non-multi-language EPG data, this function will be disabled. Click  to sort the EPG list by time or by channel.

Note: To use EPG function, please make sure that the EPG GMT settings is correct.

- Click  on the control panel to see the *Setup* window.
- Click **Digital TV** on the left pane and press **Advance** located at right-lower corner.
- In the *Advance Program Configuration* window, click the desired channel.
- In the *EPG GMT settings* section, select **Using customized EPG time** to adjust the EPG time according to local time. Or, select **Using standard EPG time** to adjust the EPG time according to Greenwich Mean Time.



(This picture is only for reference.)

Note



If the EPG overview area is too small to display enough information, click the bar to display more EPG overview area. Click the bar again to show the EPG detail area.



(This picture is only for reference.)





4.2.5 Fine Tuning Color of the Display

If the color or picture quality of the TV display needs to be adjusted, please do the following.

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Display** tab.



(This picture is only for reference.)

3. Then use ,  or the slider to adjust **Brightness**, **Contrast**, **Hue**, **Saturation** and **Sharpness** until you get an accurate color.
4. If you just want to adjust color of one specific channel, select **Configure the settings only for single channel** and repeat step 3. To apply the converted settings to all channels, click **Apply All** button .
5. Click **Default** button  if you want to revert to the factory settings.

4.2.6 Enabling Subtitle Function


If your local broadcasters provide subtitle service, you can view those texts by doing the followings:

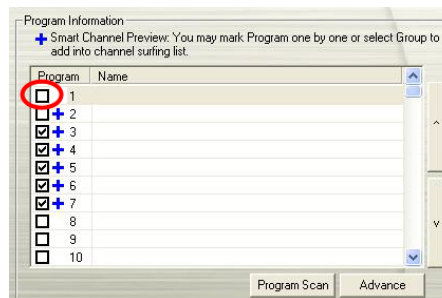
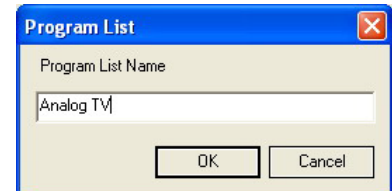
1. Right click the TV screen. In the pop-up menu, point to **Subtitle** and choose the desired language.
2. To hide the subtitle, please right click the TV screen, point to **Cancel Subtitle** and choose **Exit**.

4.3 Adding and Deleting Program Lists

Selecting a program list allows you to switch between the channels of the selected program list only when pressing the **Channel Up/Down** button. If you want to add or delete a program list, do the following:

To add a new program list:

1. Click the **Setup** button  and in the *Setup* dialog box, click the **Analog TV or Digital TV** icon on the left pane.
2. Click **New** and the *Program List* dialog box will then appear (as shown at right).
3. Type in a program list name and click **OK**.
4. Click **Program Scan** and click **Yes** to continue the scanning process.
5. Available channels will then be listed in the *Program Information* and now you can delete the unwanted programs by clearing the check box.



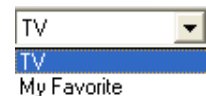
(This picture is only for reference.)

6. Click **Apply** to save the setting and click **OK** to exit the current dialog box. Or you can click **Cancel** to revert to the original settings.


OR,

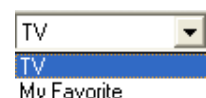
If you don't want to scan programs every time creating a new program list, you can use **Copy** function.

1. From the program drop-down list, select the program list that you want to duplicate.
2. Click **Copy** and the *Program List* dialog box will appear.
3. Type in desired name and click **OK**.
4. Finally, just like the steps described above, clear the check mark next to the unwanted channels.



To delete a program list:


1. Click the **Setup** button  and in the *Setup* dialog box, click the **Analog TV or Digital TV** icon on the left pane.
2. From the program drop-down list, select the name of the group that you want to remove.
3. Click **Delete** to remove the selected program list.



4.4 Selecting a TV/Radio Channel



There are three ways of switching between TV/Radio channels:

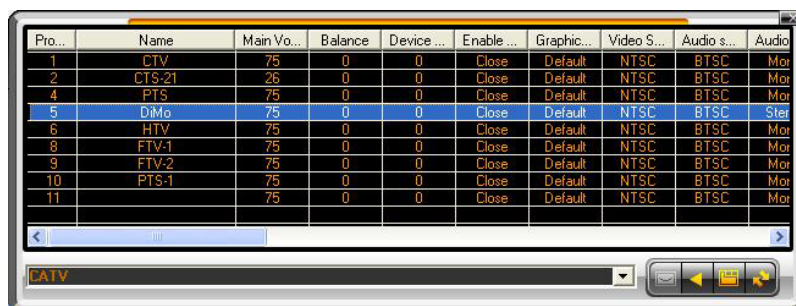
- ◆ Click the **Channel Up/Down** buttons ( on the TV monitor window or  on the Control Panel) repeatedly until reaching your desired channel.

- ◆ Click  to open the *Numeric Panel* (as shown at right). Then click on the **Numeric buttons** to get your desired channel number.



OR,

- ◆ Click the **Program List** button . When the Program Panel appears, select the Display Mode button . Choose the desired program list from the drop-down list and then double-click on the desired channel.





Pro...	Name	Main Vo...	Balance	Device...	Enable...	Graphic...	Video S...	Audio s...	Audio
1	CTV	75	0	0	Close	Default	NTSC	BTSC	Mor
2	CTS-21	26	0	0	Close	Default	NTSC	BTSC	Mor
4	PTS	75	0	0	Close	Default	NTSC	BTSC	Mor
5	DMo	75	0	0	Close	Default	NTSC	BTSC	Ster
6	HTV	75	0	0	Close	Default	NTSC	BTSC	Mor
8	FTV-1	75	0	0	Close	Default	NTSC	BTSC	Mor
9	FTV-2	75	0	0	Close	Default	NTSC	BTSC	Mor
10	PTS-1	75	0	0	Close	Default	NTSC	BTSC	Mor
11		75	0	0	Close	Default	NTSC	BTSC	Mor

(This picture is only for reference.)

☒ **Note:** Locked channels (eg. Adult channel) are in red text.


4.5 Creating Channel Groups

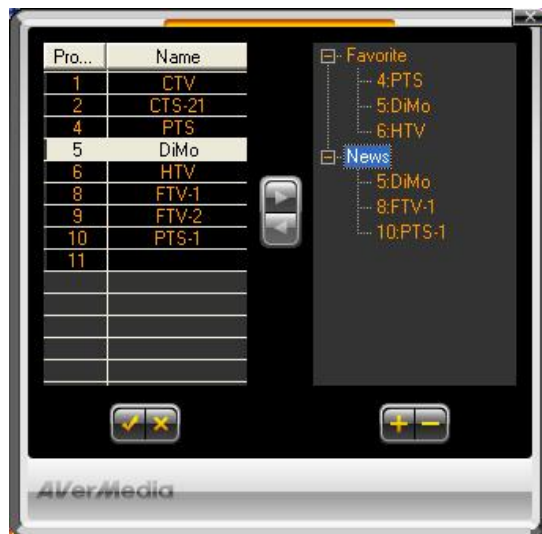
To add a new channel group:

1. Click the **Program List** button  on the control panel.
2. Click the Setup button .







(This picture is only for reference.)

3. When a dialog box appears, click New button .
4. Specify the desired name in the text box.



(This picture is only for reference.)







5. Hold down Shift or Ctrl key and click the channels from the list to select your own channel line up, then click  to add your selection to the desired group. Or drag the selected channels and drop them to the desired group.
6. Click Save  to save the settings or click Cancel  to abort without saving. If you want to delete the unwanted group, simply click Delete .

4.6 Adjusting Volume





On the Control Panel, click and drag your mouse over the **Volume** meter to increase or decrease the volume level. You can also press the + / - keys on the numeric keypad to adjust the volume.

OR,

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Audio** tab.
3. Use  and  to adjust the system volume, the audio balance or the device volume.
4. By default, the right and left volume levels are the same. If you want to adjust right and left volume individually, clear the **Lock** check box and use  and  to adjust the volume.




(This picture is only for reference.)

5. If you just want to adjust individual volume level, select **Configure the settings only for single channel** and repeat step 3 to increase or decrease volume.
6. To apply the converted settings to all channels, click **Apply All** button .
7. Click **Default** button  if you want to revert the factory settings.


4.7 Specifying A Channel Name or Description

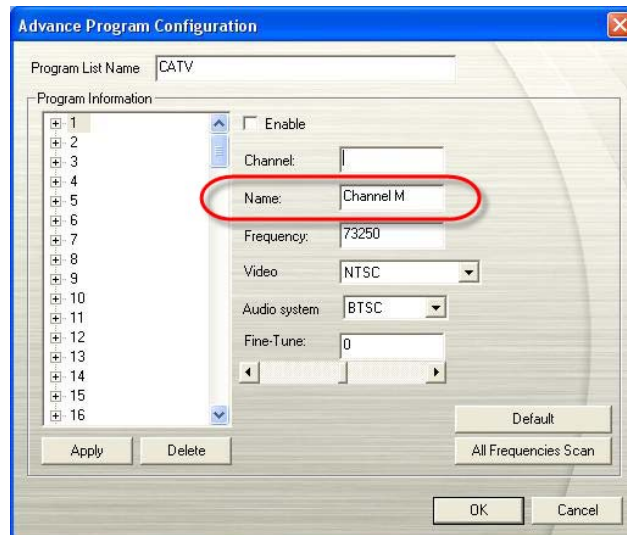
To assign a channel name or specify a description:

1. Click the **Setup** button  and in the *Setup* dialog box, click the **Analog TV or Digital TV** icon on the left pane.
2. Under the *Name* column, double-click the text box of the channel you want to assign a name or description.
3. Type in the channel name or description, then press **Enter**.

Program	Name
<input checked="" type="checkbox"/> + 1	CTS
<input checked="" type="checkbox"/> + 2	CTS_Edu
<input type="checkbox"/> 3	CTS_UNEWS


OR,

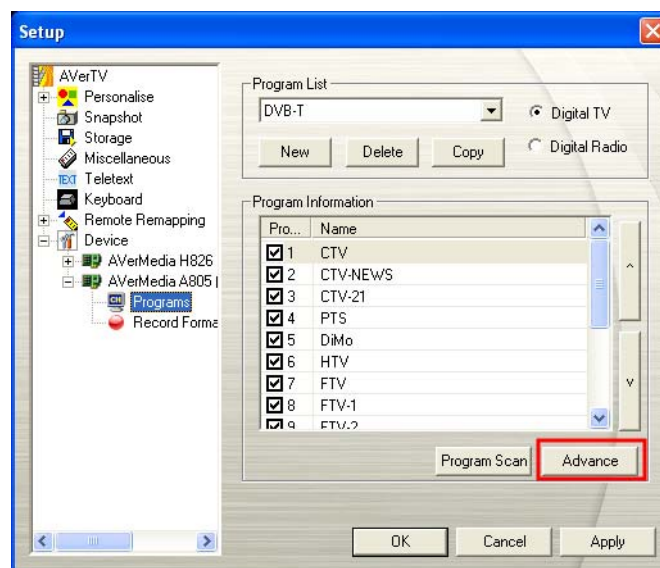
1. Click the **Setup** button  and in the *Setup* dialog box, click the **Analog TV or Digital TV** icon on the left pane.
2. Click **Advance** located at right-lower corner in the *Program Information* section. Then the *Advance Program Configuration* dialog box will appear.
3. In the dialog box, select the channel/program you want to assign a name or description.
4. In the *Name* text box, type in the desired name or description. Press **Apply** to save the settings and click **OK** to exit the dialog box. Or you can press **Cancel** to abort without saving.



4.8 Modifying A Program List Name

You can change a program list name easily. To rename a program list, follow the steps described below:

1. Click the **Setup** button  and in the *Setup* dialog box, click **Analog TV or Digital TV** icon on the left pane.
2. Click **Advance** located at right-lower corner in the *Program Information* section. Then the *Advance Program Configuration* dialog box will appear.



(This picture is only for reference.)


3. Type the desired name in the *Program List Name* text box.

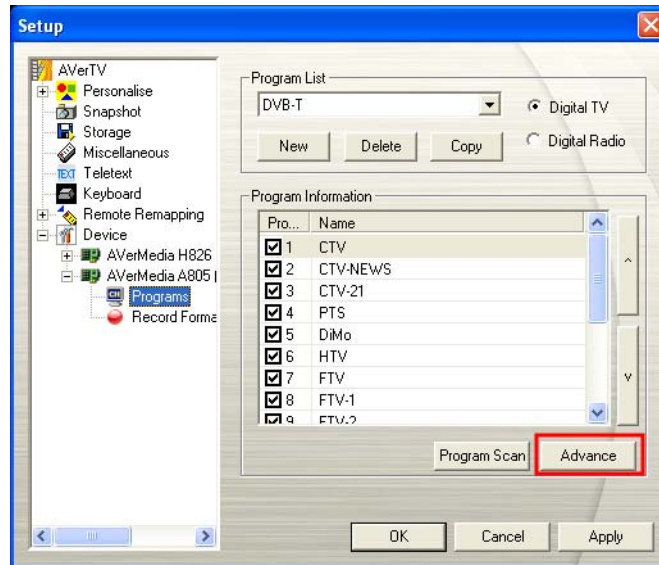


4. Press **Apply** to save the setting and click **OK** to exit the dialog box. Or press **Cancel** to abort the saving.

4.9 Removing Unwanted Channels

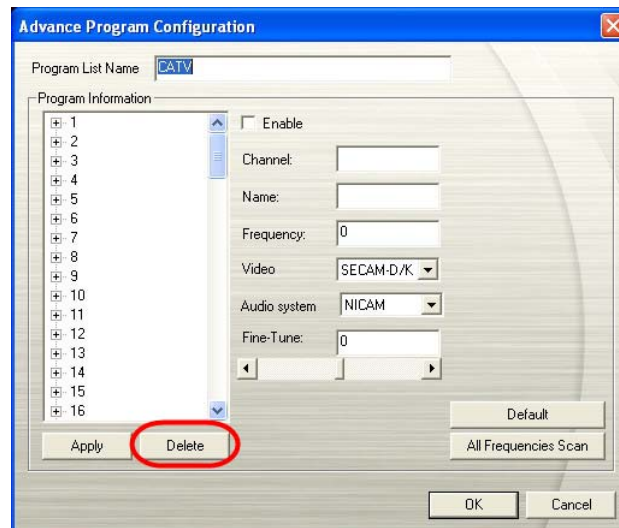
If you want to exclude unwanted channels from your channel list, do the following:

1. Click the **Setup** button  and in the *Setup* dialog box, click the **Analog TV or Digital TV** icon on the left pane.
2. Click **Advance** located at the right-lower corner in the *Program Information* section. Then the *Advance Program Configuration* dialog box will appear.



(This picture is only for reference.)

3. In the *Program Information* section, select the unwanted channel and then click **Delete**. This channel will be removed and that means you won't be able to access these programs anymore.



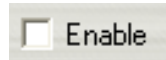
(This picture is only for reference.)

OR,

If you just want to skip a certain channel, do the following:

1. First, select the unwanted channel in the **Program Information** section.

2. Clear the *Enable* check box so that you will not access that channel when you press **Channel Up/Down** buttons.



3. However, you can still see the channel in your program list. If you want to watch that channel again some day just select the *Enable* check box.


4.10 Using the OverScan Function

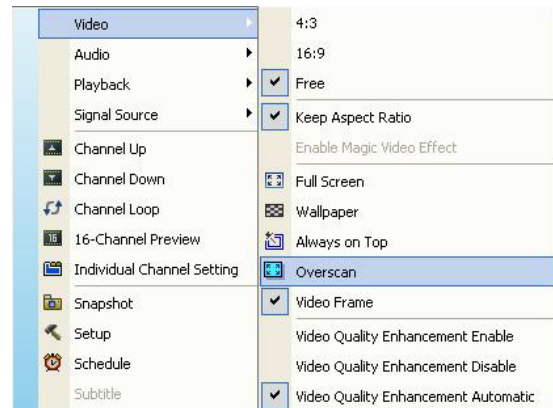
On some broadcast channels, you might see distorted lines or black spaces on the top, sides, or bottom of the screen. These video artifacts derive from the source signal, and can be masked using the **OverScan** feature.

To hide the edges of the picture:








- Right-click on the TV Monitor and choose **OverScan** to enable it.

OR,

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Video** tab.





(This picture is only for reference.)

3. Use  and  to adjust either side of the margins for a better quality image.
4. To have equal margins of all sides, click on the **Lock All** icon . Then use  to increase or decrease the number (0~50) as you prefer.
5. For equal left and right margins, select the **Keep Vertical Ratio** check box. For equal top and bottom margins, select the **Keep Horizontal Ratio** check box. Then use  to adjust the margin height or width.
6. If you just want to apply OverScan setting to one specific channel, select **Configure the settings only for single channel** and repeat step 4.
7. To apply the converted settings to all channels, click **Apply All** button .
8. Click **Default** button  if you want to revert the factory settings.

9. Clear **Overcan** check box if you want to disable overscan function.

You can see the difference from the pictures below:

Before using OverScan function	After using OverScan function
	

4.11 Using Magic Video Effect (Playback and Preview Only)

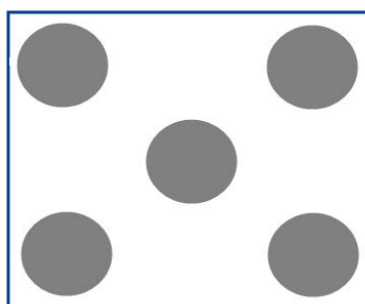
The magic video effect can avoid distortion when resizing an image to any aspect ratios. For instance, when an image of 4:3 source resolutions is zoomed to fit the wide screen of 16:9 aspect ratio, with the magic video effect function, the people and the scenery in the image shall not be distorted.

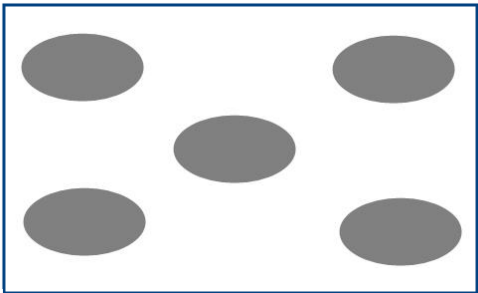
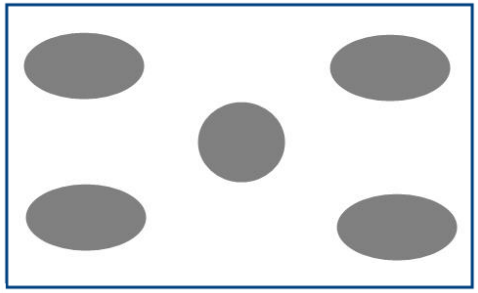
To enable magic video effect function:

Right click on the TV monitor. When a pop-up menu appears, select **Enable Magic Video Effect**.

You can see the difference from the pictures below:

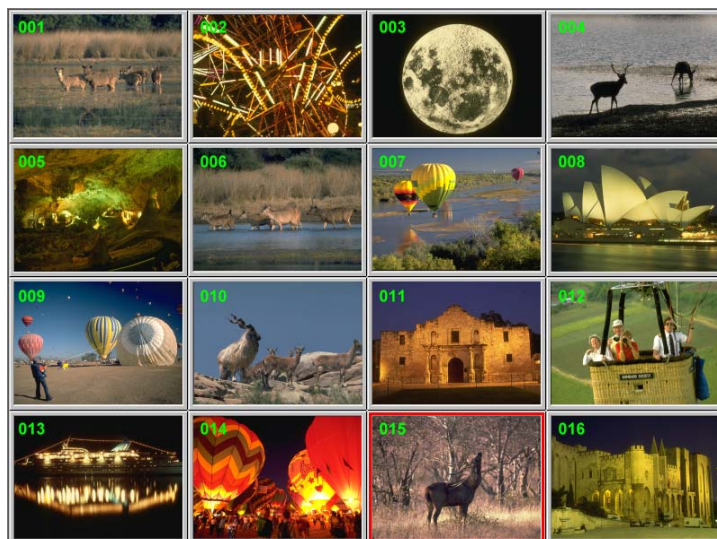
Original Image



Before using Magic Video Effect function	After using Magic Video Effect function
	

☒ **Note:** The **Magic Video Effect** function can only be enabled in full-screen mode and when screen aspect ratio is unequal to source aspect ratio.




4.12 Multi-Channel Preview

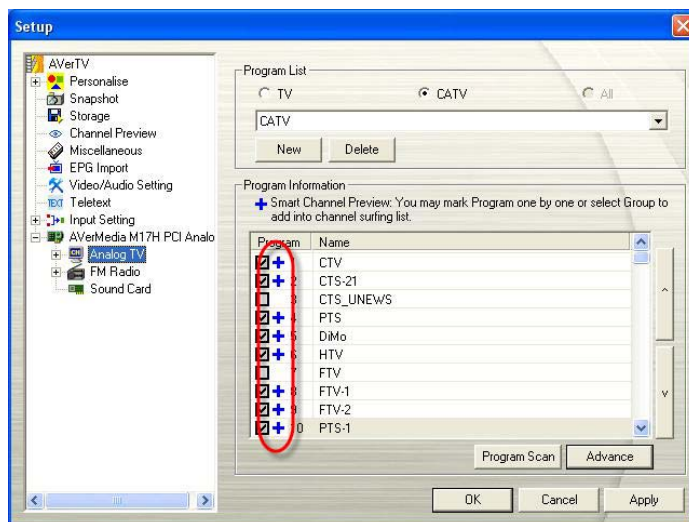


(This picture is only for reference.)

The multi-channel preview function can display 4~64 TV channels on-screen at the same time. (By default, 16 TV channels will be displayed.) You can see clearly which TV programs are currently showing on these channels.


To select the channels for preview:

1. Click the **Setup** button  and in the *Setup* dialog box, select an available Avermedia device in the left pane. Then select Analog TV or Digital TV.
2. On this page, you can choose the channels for preview by clicking and adding  beside the check box. Clear  if you want to delete the channels from the preview channel list.



(This picture is only for reference.)

To preview the channels:


1. Click  to open the Numeric Panel.
2. Click the **Multi-Channel Preview** button.

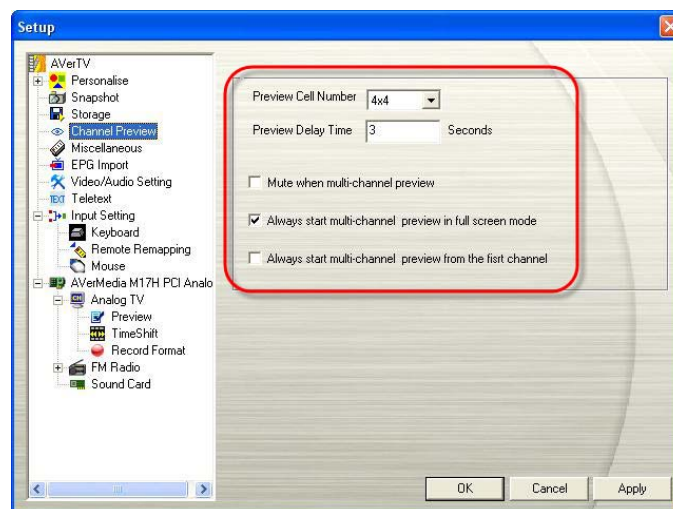
The screen will be gradually filled up with TV channels, starting from the currently selected channel. (By default, 16 TV channels will be displayed. To modify the preview cell numbers, please refer to the section “To modify the preview settings” on the next page)



3. Select a channel and press the numeric button “5” on the remote control to view it only and freeze the other channels. If you want to continue to display other channels just press **C** letter on the keyboard.
4. To display a channel on the TV Monitor window, select any one of the channels on-screen and double-click on that channel, or use the arrow \uparrow , \downarrow , \leftarrow , \rightarrow button of your keyboard and then press **Enter**. You will then be tuned in to that channel.
5. Or, click the right mouse button or press **ESC** to return to the originally selected TV channel.


To modify the multi-channel preview settings:

1. Click the Setup button  and in the Setup dialog box, select **Multi-Channel Preview** on the left pane.
2. Here you can determine preview cell numbers from the drop-down list (2x2~8x8).
3. You can also specify the preview delay time (1~99 sec) in the text box.
4. Select the check box if you want to mute the audio when previewing channels, always start multi-channel preview in full screen, or always start multi-channel preview from the first channel.



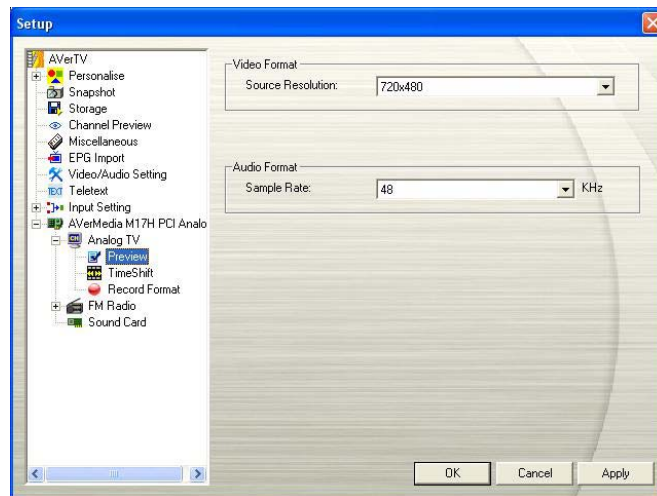
(This picture is only for reference.)

To select Source Resolution and Sample Rate, please do the following steps:

1. Click the **Setup** button  and in the *Setup* dialog box, select an available AVerMedia device in the left pane.
2. Then click the Digital or Analog TV icon on the left pane and select Preview.
3. Here you can select Video Format and Audio Format from the drop down list.

☒ **Note:** Basically the higher source resolution and sample rate you have, the better visual and audio quality you get; however, it may consume larger amounts of CPU resources. Please adjust it based on your PC hardware.



4. Click **Apply** to save the setting and click **OK** to exit the current dialog box.



(This picture is only for reference.)

4.13 Changing Signal Source

There are two ways to change signal source:


- To switch between TV and radio / external video signals, click the Radio Source button  or Video Source button  on the control panel.
- Right click on the left pane of the control panel and a pop-up menu appears. Choose the desired signal source.

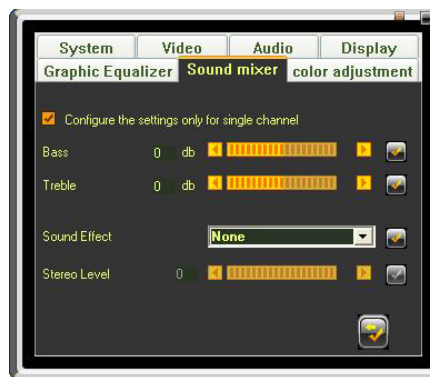


(This picture is only for reference.)





4.14 Sound Controlling (Optional)

This function provides a variety of sound effects.

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Sound Mixer** tab.





(This picture is only for reference.)

3. Choose the desired sound effects from the drop-down list.
4. Then use ,  or the slider to control the “Stereo”, “Bass” and “Treble” level.
5. If you just want to adjust sound effects of one specific channel, select **Configure the settings only for single channel** and repeat step 4.
6. To apply the converted settings to all channels, click **Apply All** button .
7. Click **Default** button  if you want to revert the factory settings.

4.15 Color Adjustment (Optional)



If your device supports the 713x chip, **color adjustment** will be enabled. Try the provided options to get desired color.



1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Color Adjustment** tab.



(This picture is only for reference.)

3. Choose the color function you need.

Item	Function
Gain	Use  to increase or  to decrease the video output signal strength.
White Peak	Recommended to enable it. Enabling <i>White Peak</i> can avoid extreme or abnormal video luminance.
Color Peak	Recommended to enable it. Enabling <i>Color Peak</i> can avoid extreme or abnormal video color.
Log Pause AGC	Recommended to enable it. (AGC: Automatic Gain Control) Enabling <i>Log Pause AGC</i> can avoid altering non-video data.
Anti_Alias Filter	Select <i>Disable</i> , <i>Low</i> or <i>High</i> Filtering from the drop down menu. Enabling <i>Anti_Alias Filter</i> can smooth the outline of the images.

4. If you just want to adjust sound effects of one specific channel, select **Configure the settings only for single channel** and repeat step 3.
5. To apply the converted settings to all channels, click **Apply All** button .
6. Click **Default** button  if you want to revert the factory settings.

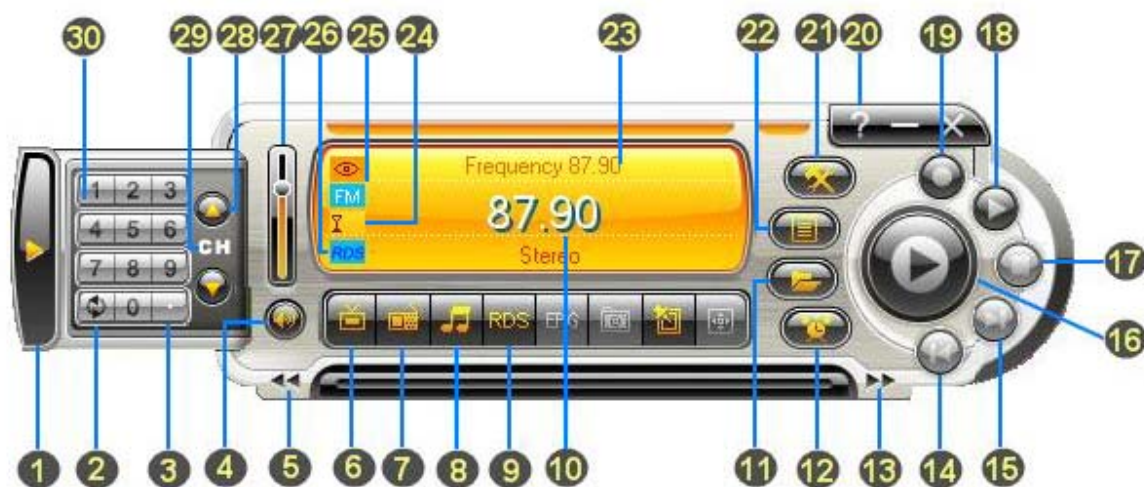
Chapter 5 FM Radio

5.1 FM Radio Controls

Click the **FM Radio** button to listen to your favorite radio station programs.

Use the following button controls for selecting FM radio channels, adjusting volume, scanning FM channels, recording radio programs and more.

To change back to live TV, click the **Radio Source** button.




(This picture is only for reference)

1.	Show/Hide Numeric Panel	16.	TimeShift / Pause
2.	Channel Loop	17.	Stop
3.	Dot	18.	Play / Pause
4.	Mute	19.	Record
5.	Backward	20.	Help
6.	Video Source	21.	Setup
7.	Radio Source	22.	Program List
8.	Audio Mode	23.	Frequency Channel Selection
9.	TEXT/RDS(It may vary depends on your device and your living area.)	24.	Signal Strength
10.	Info Display Area / Spectrum Analyze	25.	Signal Status / Enable or Disable Repeat Play
11.	Play List	26.	RDS
12.	Schedule	27.	Channel Up/Down
13.	Forward	28.	Volume Control
14.	Previous File	29.	Channel/Frequency Mode Click on CH to switch between Channel mode (CH) and Frequency mode (FQ).
15.	Next File	30.	Numeric Buttons

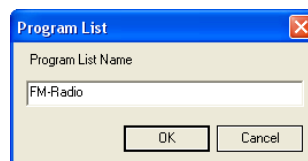
5.2 How to Auto Scan FM Radio Channels

If this is your first time to use FM radio, perform auto scan to search and memorize active FM radio stations in your area.

To auto scan FM radio stations:

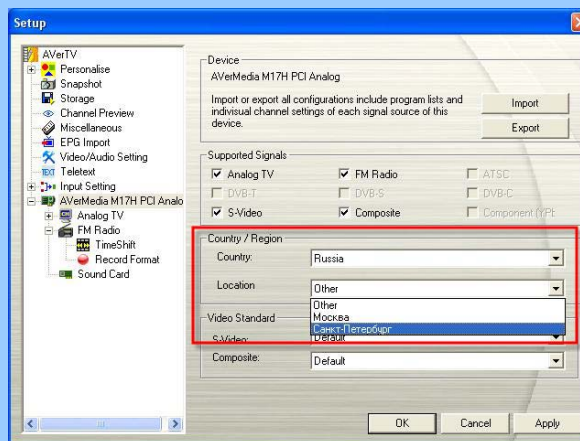
1. Click the **Setup** button  and in the *Setup* dialog box, select an available AVerMedia device in the left pane. Then select **FM Radio**.
2. Click **New** and the *Program List* dialog box will appear. Type in the desirable name and click **OK**.

☒ **Note:** For Russian users, clicking **New** to create a program list before scanning is a prerequisite step.



3. Click **Scan**. All active channels will be automatically scanned and memorized.
4. To terminate the scanning, click **Stop**.
5. Click **Apply** to save the setting and click **OK** to exit the current dialog box. To abort the setting, click **Cancel**.


☒ **Note:** The application comes with a built-in FM frequency table for the country Russia. To use the Russian frequency table, simply select Moscow or St. Petersburg from the Group drop-down list.



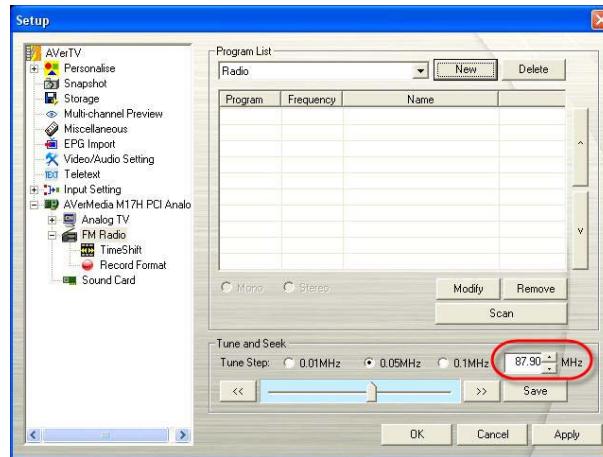
5.3 Manually Scanning Specific FM Channels



Instead of scanning all channels, you can choose to manually scan one or a few channels only. To do this, follow these procedures.

To manually rescan specific FM radio channels:

1. Click the **Setup** button  and in the *Setup* dialog box, click **FM Radio** icon on the left pane.


2. Enter the channel frequency that you want to start scanning in the text box.

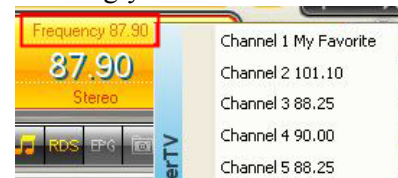


3. Select 0.01 MHz, 0.05MHz or 0.1MHz as your tuning increment.
4. Click  to scan upward or  to scan downward from the selected channel frequency. The scanning will stop when the application finds the closest ACTIVE FM frequency.
5. Click the **Modify** button if you'd like to keep the newly scanned frequency.

5.4 Selecting a Channel

To select a channel:

1. Click  to open the *Numeric Panel*.
 - Click on the **Numeric buttons** to select a channel.
 - Click the **Channel Up/Down** button repeatedly until reaching your desired channel.
 - Right click on the channel name on the info display area, the pop-up channel list will appear for users to select a channel.



OR,



2. Use the **numeric keys** on your keyboard to select a channel.



5.5 Adjusting Volume



On the Control Panel, click and drag your mouse over the **Volume** meter to increase or decrease the volume level. You can also press the + / – keys on the numeric keypad to adjust the volume.



OR,

1. Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
2. When a dialog box appears, select **Audio** tab.

- Use  and  to adjust the system volume or the device volume.



(This picture is only for reference)

- If you just want to adjust individual volume level, select **Configure the settings only for single channel** and repeat step 3 to increase or decrease volume.
- To apply the converted settings to all channels, click **Apply All** button .
- Click **Default** button  if you want to revert the factory settings.

To see the Spectrum Analyze:


Right click on the Info Display Area to switch to Spectrum Analyze display mode.

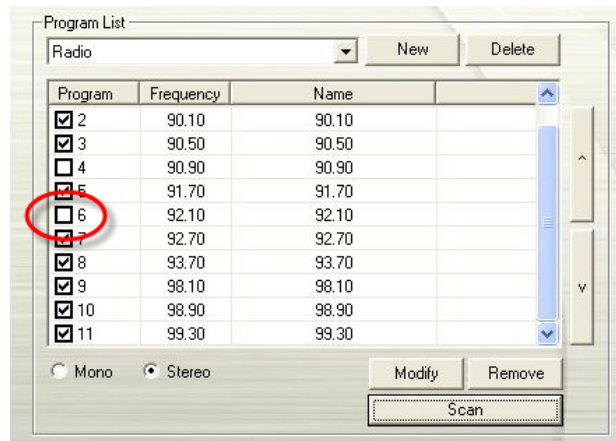


(This picture is only for reference)

5.6 Skipping Unwanted Channels


If you want to exclude undesirable channels from your FM channel list, do the following:

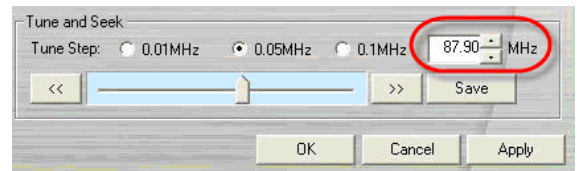
- Click the **Setup** button  and in the *Setup* dialog box, click **FM Radio** icon on the left pane.
- In the *Program* column, click the unwanted channel. The check mark will be removed, indicating that the channel will be excluded from your channel list and that you won't be able to access and hear them through the **Channel Up/Down** button.



5.7 Adding a Radio Frequency


If the desired channel cannot be found through scanning, follow the instructions below.

1. Click the **Setup** button  and in the *Setup* dialog box, click **FM Radio** icon on the left pane.
2. Specify the correct frequency in the text box (as shown at right) and click **Save**.




5.8 Assigning a Radio Frequency

If you already know the radio frequency of the desired channel, follow the instructions below.

1. Click  to open the *Numeric Panel* (as shown at right).
2. Click the **CH** icon on the Numeric buttons to switch from CH (Channel) mode to FQ (Frequency) mode, shown as **FQ**.
 - Then click on the **numeric buttons** to get your desired radio frequency numbers.
 - Use the **numeric keys** on your keyboard to specify the desired radio frequency numbers.
 - Use the **numeric keys** on the remote control to get your desired radio frequency numbers.




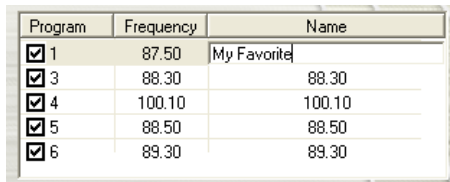
☒ **Note:** Under FQ mode, there are three ways to key in the frequency numbers. For instance, to get the frequency of 91.7 MHz, simply key in 91.7, 917 or 9170.

Under FQ mode, if you click Frequency Up/Down buttons  on the Control Panel, the radio frequency will increase or decrease (0.01 MHz, 0.05MHz or 0.1MHz) in intervals based on the tuning increment you select. (To select the tuning increment, please refer to *Manually Scanning Specific FM Channels*)

5.9 Modifying a Radio Name

You can manually modify any exiting FM radio channel.

1. Click the **Setup** button  and in the *Setup* dialog box, click **FM Radio** icon on the left pane.
2. Double click on **Name** column of the existing FM channel which you want to modify.
3. Enter the name or description you want in the provided text box and then press **Enter**.




Program	Frequency	Name
<input checked="" type="checkbox"/> 1	87.50	My Favorite
<input checked="" type="checkbox"/> 3	88.30	88.30
<input checked="" type="checkbox"/> 4	100.10	100.10
<input checked="" type="checkbox"/> 5	88.50	88.50
<input checked="" type="checkbox"/> 6	89.30	89.30

4. To modify more channels, repeat step 2 to 3.
5. Click **Apply** to save the setting and click **OK** to exit the current dialog box.


5.10 Adding and Deleting Program Lists

Selecting a program list allows you to switch between the channels of the selected program list only when pressing the **Channel Up/Down** button. If you want to add or delete an FM channel group, do the following:

To add a new program list:

1. Click the **Setup** button  and in the *Setup* dialog box, click **FM Radio** icon on the left pane.
2. Click **New** and the *Program List* dialog box appears. Type in a program name and click **OK**.
3. Now you can start to scan FM radio channels and manage the scanned FM data for this new program list. For more information, refer to [How to Auto Scan FM Radio Channels](#).
4. To add more program lists, repeat steps 2 to 3.

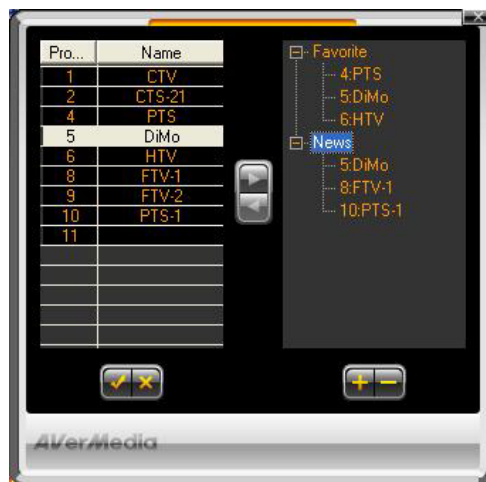
To delete a program list:

1. Click the **Setup** button  and in the *Setup* dialog box, click **FM Radio** icon on the left pane.
2. From the drop-down list, select the name of the program list that you want to remove.
3. Click **Delete** to remove the selected program list.


5.11 Creating Channel Groups

To add a new channel group:

1. Click the **Program List** button  on the control panel.
2. Click the **Setup** button .
3. When a dialog box appears, click **New** button .
4. Specify the desired name in the text box.




(This picture is only for reference.)

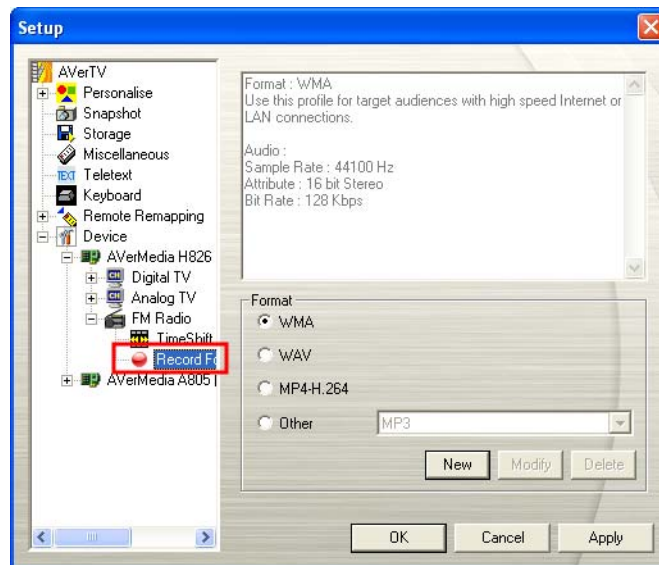
5. Hold down Shift or Ctrl key and click the channels from the list to select your own channel line up. Then, click  to add your selection to the desired group. Or drag the selected channels and drop them to the desired group.

- Click **Save**  to save the settings or click **Cancel**  to abort without saving. If you want to delete the unwanted group, simply click **Delete** .

5.12 Customize Audio Recording Settings

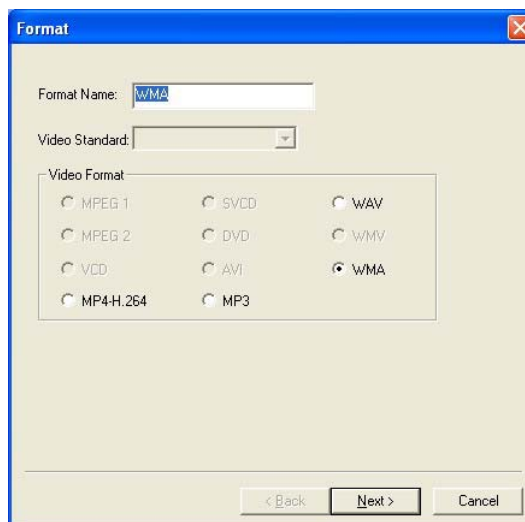
To customize audio recording settings:

- Click the **Setup** button  and in the *Setup* dialog box, select an available Avermedia device in the left pane, and choose **FM Radio**.
- Then select **Record Format**. You can choose default format as your audio file format. Or, you can click **New** to create your own file format. For file format description, please refer to the section titled *Customize Video Record Settings* in [chapter 3.1](#).



(This picture is only for reference)

- In the *Format* dialog box, select the audio file format.





- Enter the desired format name or description in the *Format Name* text box.
- Click **Next**. In the **Video** dialog box, select the desired audio format.
- Click **Finish**.
- If you want to change the setting of your own file format, click **Modify** or you can click **Delete** to remove the unwanted file format that you created earlier.

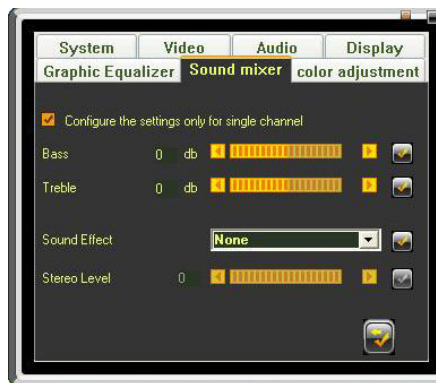
- Click **Apply** to save the setting and click **OK** to exit the current dialog box. To abort this operation, click **Cancel**.

☒ **Note:** To determine the length of recording and to choose a destination folder in which to save the recorded audio, please refer to the section titled **Recording Setting** in Chapter 6.





5.13 Sound Controlling (Optional)

This function provides a variety of sound effects.


- Right click on the TV monitor. When a pop-up menu appears, select **Individual Channel Setting**. Or click **Program List** button  on the control panel and then click **Individual Channel Setting** button .
- When a dialog box appears, select **Sound mixer** tab.



(This picture is only for reference)

- Choose the desired sound effects from the drop-down list.
- Then use ,  or the slider to control the “Stereo”, “Bass” and “Treble” level.
- If you just want to adjust sound effects of one specific channel, select **Configure the settings only for single channel** and repeat step 3 and step 4.
- To apply the converted settings to all channels, click **Apply All** button .
- Click **Default** button  if you want to revert the factory settings.

5.14 Viewing RDS Information (Optional)

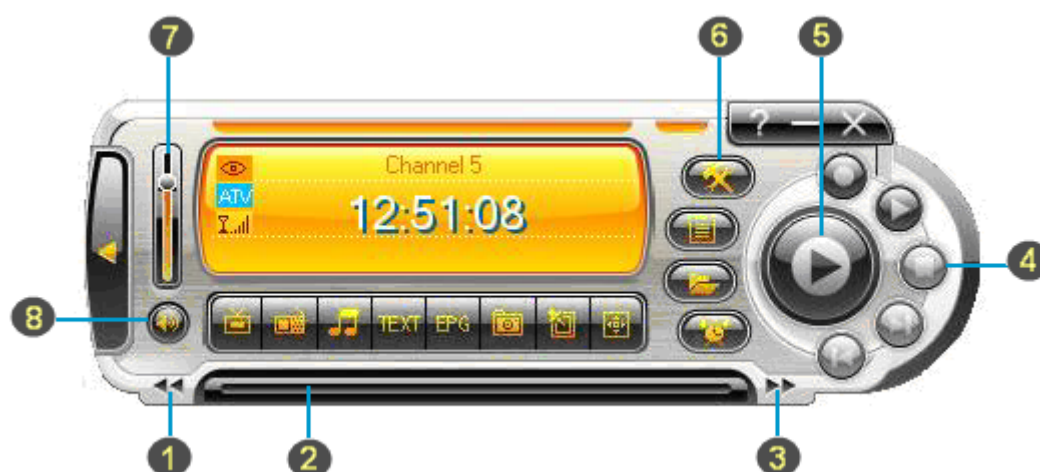
RDS (Radio Data System) is an international standard for transmitting the digital data along with FM Radio signal. An RDS-capable radio can display name of the station, program types, local traffic information or commercials, etc. To view RDS information, press  on the control panel.

Chapter 6 TimeShift

The TimeShift function performs background recording of a TV/Radio program, and lets you return and watch any part of the recorded program. At the same time, the live TV/Radio program continues to be recorded and played back so you won't miss any part of the show. You can also advance forward to skip commercials or rewind to replay scenes one more time.

6.1 TimeShift Controls

Use the following button controls in the Control Panel to start recording a live program, play back the program from where you left off, advance forward, rewind, and more.



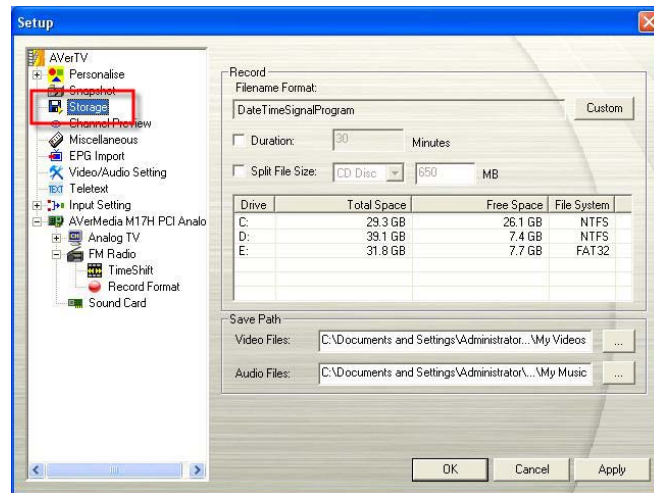
	BUTTON	FUNCTION
1	Backward	Click to move backward in intervals
2	Playback Seek	Drag the slider tab to move to any part of the recorded program.
3	Forward	Click to skip forward in intervals
4	Stop	Click to terminate recording and return to the live program
5	TimeShift / Pause	Click to perform background recording of the live program and play it back simultaneously. / Click to temporarily freeze the playback.
6	Setup	Allows you to: *Autoscan channels. *Create channel groups. *Configure snapshot settings. *Customize record settings. *Customize the TimeShift function.
7	Volume	Drag your mouse up/down to increase/decrease the volume level.
8	Mute	Turn off the sound.

6.2 Customizing TimeShift Settings

Before you start using the TimeShift function, first check its recording settings to see if they fit your needs.

To check and customize settings:


1. Click the **Setup** button  and in the *Setup* dialog box, click the **Storage** icon on the left pane. You will then see the following settings.

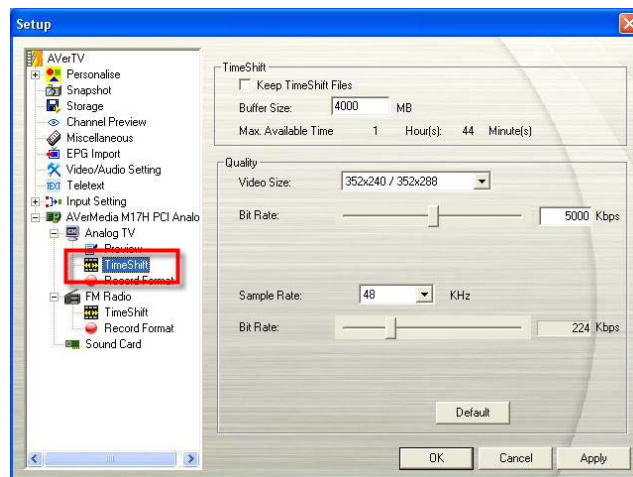


(This picture is only for reference)

2. By default, TimeShift performs recording of the TV program by creating a temporary video file and deletes this file once you click the **Stop** button.
3. In the *Record* section, you can determine your file name format, recording time, file size and destination folder.
4. Click **Apply** to save the new settings and click **OK** to exit the current dialog box. Or, click **Cancel** to use the original settings.

To customize the file quality:

1. Click the **Setup** button  and in the *Setup* dialog box, click the **Analog TV / FM Radio** icon on the left pane.
2. Then click **Timeshift** icon.
3. If you want to save the video file, select the **Keep TimeShift Files** check box.
4. Here you can determine the buffer size, video size, bit rate and sample rate. Please be noted the items may vary depending on the device you use.




(This picture is only for reference)





5. Click **Default** if you want to revert to the factory settings.

6.3 Using the TimeShift Function

To pause the live program:

1. Click the **TimeShift** button  on the Control Panel. The application will begin to record the program.
2. When you want to rewind, use the **Playback Seek** slider bar to move back to the part you want to watch or listen again. Click and drag the slider tab to the left until you see the part of the show you wish to watch or listen, then release the mouse button.



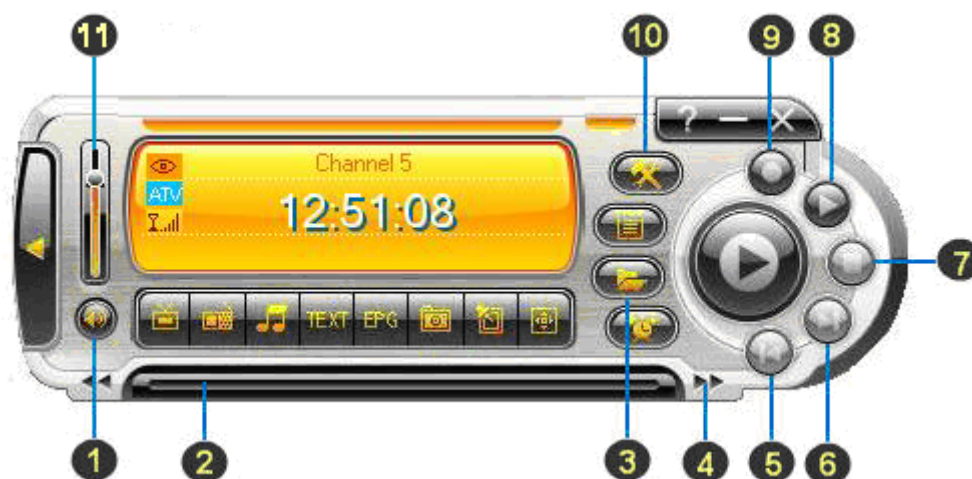
3. You can also click the **Backward** button  to move backward in fixed intervals until you reach the part where you left off.
4. To advance forward and skip some parts of the recording (for example TV commercials), drag the slider tab to the right. You can also click the **Forward** button  to move forward in fixed intervals.
5. To temporarily pause the playback, click the **Pause** button . Click **Pause** button again to resume.
6. To return to real-time viewing of the live program, click the **Stop** button . This switches off the TimeShift function and returns you to live program.

Chapter 7 PVR

You can use your computer as a digital video recorder, and record your favorite TV programs or capture video from an external source to your hard drive. You can also divide the recording files in proper sizes to facilitate burning onto removable optical media, such as CD-R and DVD discs.

7.1 PVR Controls

Use the following button controls for recording and video playback.






(This picture is only for reference)

	BUTTON	FUNCTION
1	Mute	Turn off the sound.
2	Playback Seek	Drag the slider tab to move to any part of the recorded file.
3	Play List	Click to create a playlist of video files to play back.
4	Forward	Click to switch to the next playback speed level.
5	Play Previous File	Click to go to the previous video file in the playlist.
6	Play Next File	Click to go to the next video file in the playlist.
7	Stop	Click to stop recording or playback.
8	Play /Pause	Click to play back / Click to temporarily freeze the playback.
9	Record	Click to start recording.
10	Setup	Allows you to: *Autoscan channels. *Create channel groups. *Configure snapshot settings. *Customize record settings. *Customize the TimeShift function.
11	Volume	Drag your mouse up/down to increase/decrease the volume level.

7.2 Recording Settings



Before recording, check if the settings meet your needs.

1. Click the **Setup** button . In the *Setup* dialog box, click the **Storage** icon on the left pane.
2. By default, the system is set the recording “Date” and “Time” as the file name format. To create your own file name format, please click **Custom**.
3. The *Duration* option allows you to specify a recording duration otherwise the system will record the largest clip that your hard drive can accommodate.
4. This application lets you to divide the recording files into smaller parts for burning onto removable optical media, such as CD-R (650 MB) and DVD (4096 MB) discs. Enable the *Split File Size* option and select the appropriate video file size from the drop-down list so that each video file will not exceed the limit. Or you can choose **Custom** to assign the file size you want.
5. Determine the destination folder. Click  to choose a folder you want.
6. Click **Apply** to save the settings and click **OK** to exit the current dialog box. To abort this operation, click **Cancel**.
7. To determine the file format, please refer to the section titled *Customizing Video Recording Settings in chapter 3* or *Customizing Audio Recording Settings in chapter 4*.

☒ **Note:** To hide the sound of the TV program when recording, click the Mute button  on the Control Panel.

7.3 Using the Recording Function


To record a TV/Radio program that you want, do the following:

1. Click the **Record** button  on the Control Panel.
2. You can click the **Stop** button  to terminate the recording and return to live TV program.

7.4 Playing the Recorded Programs

Each TV program that you recorded will be saved as a video file in the assigned destination folder.


To play back the recorded video files:

Click the **Play** button  or drag the recorded video file to AVerTV TV monitor or User Panel to play back.

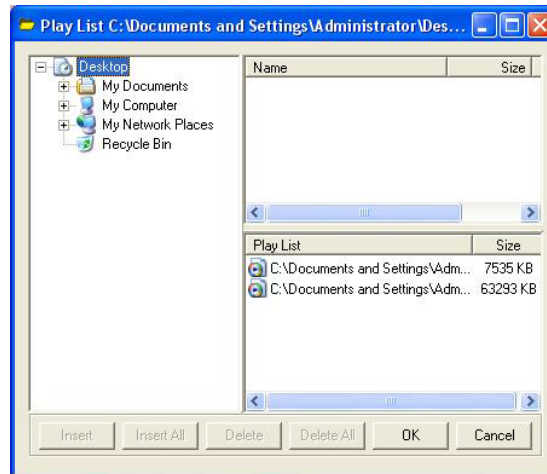
OR,

Drag the recorded video file to AVerTV desktop icon to run the application and play back.

OR,

- (1) Click the **Play List** button , and you may see some recorded video files are listed at the top right pane of the *Playback List* window.

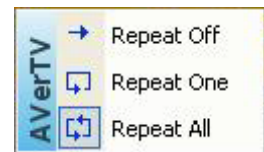
- (2) To add more video files to the playback list, first navigate the *file* on the left pane to find the folder that contains the desired video files. When you have located the folder, the media files will then be displayed on the right top pane. Select the files that you want, then click **Insert**, or click **Insert All** to add all media files in the folder to the playback list.
- (3) To delete files from the *Playback List*, select them from the list in the bottom right pane and click **Delete**, or click **Delete all** to delete all files in the playback list.




(This picture is only for reference)

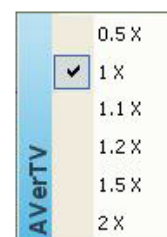
To repeat playback of the recorded video files:

1. Right click the TV monitor, select Playback, and choose **Repeat Once** or **Repeat All** to enable the function. To disable the repeat function, just select **Repeat Off**.
2. Or, right click the repeat icon on the Control Panel. In the pop-up menu, point to **Repeat Once**, **Repeat All**, or **Repeat Off**.
3. Or click on the repeat icon on the Control Panel to switch between **Repeat Once**, **Repeat All**, or **Repeat Off**.



You can change the fast-forward playback speed when playing back the recorded video files:

1. Right click on the playback slider, and select the speed you want in the playback speed list.
2. Or click on the **Forward** icon  at the right end of the slider. Each click will have the speed witched to the next level based on the sequence in the playback speed list.

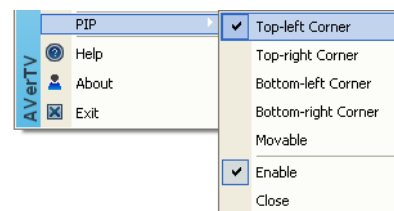







3. In fast-forwarding playback mode, **Play** button will be shown as **Pause**. Click **Pause** button to temporarily freeze the playback and click again **Play** button to continue playback.




7.5 Picture-in-Picture Display

With the picture-in-picture window feature, you will be able to play back recorded video files, and at the same time, watch live TV.

To enable PIP function, right click the TV monitor, select **PIP** and choose Enable. You can also point to PIP and select a desired position of the PIP window. Select Close to disable the PIP function.



Position	Description
Top-left Corner / 	Display the PIP window on the top-left corner
Top-right Corner / 	Display the PIP window on the top- right corner
Bottom-left Corner / 	Display the PIP window on the bottom-left corner
Bottom-right Corner / 	Display the PIP window on the bottom-right corner
Movable / 	Resize the PIP window and separate it from the main window


By default, you will be able to play back recorded video files on the main window, and at the same time, watch live TV on the PIP window. If you want to switch the video playback to the PIP window and the live TV to the main window, press the button . You can also press the button  to fix the size of the PIP window and the distance between the main window and the PIP window. To exit the PIP window, press .

Chapter 8 Image Capture

While you watch TV or a recorded video on your PC monitor, you can use the **AVerTV 6** application to capture images for your documents, presentations or web pages.

8.1 Before Capturing

Before you start capturing images, first set the destination folder for saving captured images.

Click the **Setup** button , and select the **Snapshot** icon on the left pane. Then click  to choose a folder where you want to save captured images.

8.2 Capturing a TV/ Video Image

 To capture a still image, click the **Snapshot** button on the Control Panel. The *Album* will then appear, displaying thumbnails of the captured images.




	BUTTON
1	Wallpaper
2	Save as
3	Remove
4	Remove All


To capture another image, click the **Snapshot** button on the Control Panel again. New thumbnails will be added to the *Album* as you capture more images.

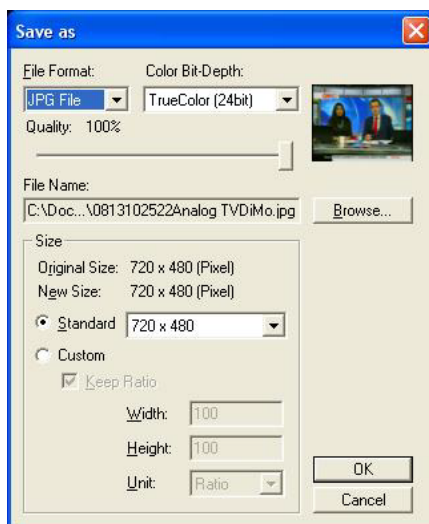
By double-clicking on the thumbnails, you can view images in a full-screen window with default image viewer.

To display the captured image as your desktop wallpaper :

1. Select the thumbnail of the desired image and then click the **Wallpaper** button .
2. The selected image will be displayed as your desktop wallpaper, the background of your desktop.

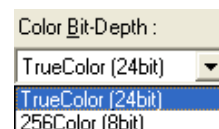
To save the captured image:

1. Select the thumbnail of the image and then click the **Save As** button . The *Save As* dialog box will then appear.



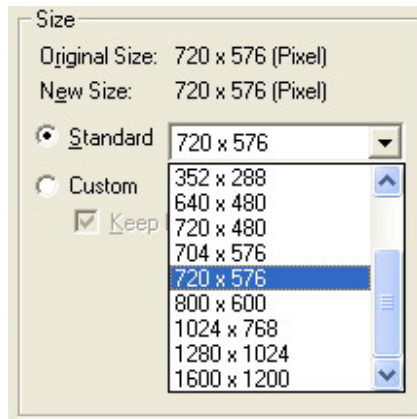
(This picture is only for reference.)

2. From the *File Format* drop-down menu, select the format for saving the captured image.
3. Choose the *Color* format. The options here depend on the file format you choose.
 - Choose 24-bit to capture image in 16M colors.
 - Choose 8-bit to capture image in 256 colors.
4. Click **Browse** to scan for folders and select a destination location for saving the image. Then specify a file name for saving the captured image.

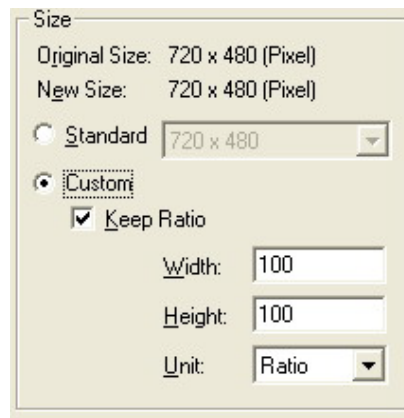


(This picture is only for reference.)

5. Choose the image size.
 - In the *Size* section, select the **Standard** option and choose a desirable image size from the drop-down list.




- If you want to set your own image size, select **Customize** and enter the image **Width** and **Height**. If you want to maintain relative width and height, select the **Keep Ratio** option. Choose a measurement unit from the **Unit** drop-down list. You can specify any image size you want. The maximum capture size can be 1600x1200.

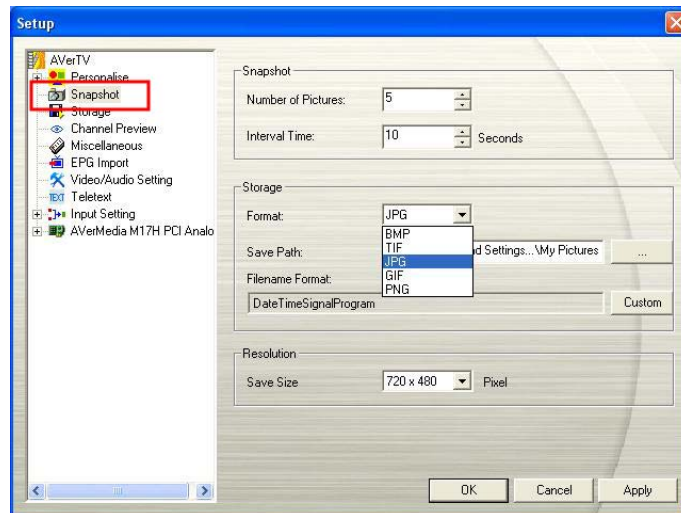


6. Click **OK** to save the image. Click **Cancel** if you do not want to save the image.


8.3 Multiple Image Sequence Capture

To capture a continuous sequence of images, do the following:

1. Click the **Setup** button . In the Setup dialog box, click the **Snapshot** icon on the left pane.




(This picture is only for reference)

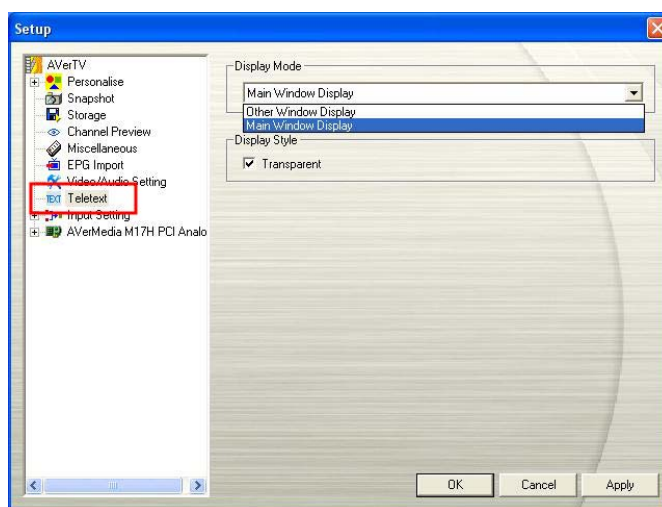
2. In the *Number of Pictures* box, specify the number of images you want to capture.
3. In the *Interval Time* box, specify the interval between captures. For instance, if you specify 10 seconds, an image will be captured every 10 seconds.
4. On this page, you can choose the file format and destination folder, file name format and image resolution in advance.
5. Click **Apply** to save the new settings and click **OK** to exit the current dialog box. Or Click **Cancel** if you do not want to change the settings.
6. Click the **Snapshot** button  on the Control Panel to start capturing.

Chapter 9 Teletext (PAL/SECAM only)

Teletext makes TV viewing a unique experience. It allows you to view teletext broadcasts from your television programs to get the most updated information on TV Schedules, News, Stock Market Prices, Concert & Theatre information and so on. Teletext information may not be available if there is no such service provided in your region or country.


9.1 Customize the Display Mode

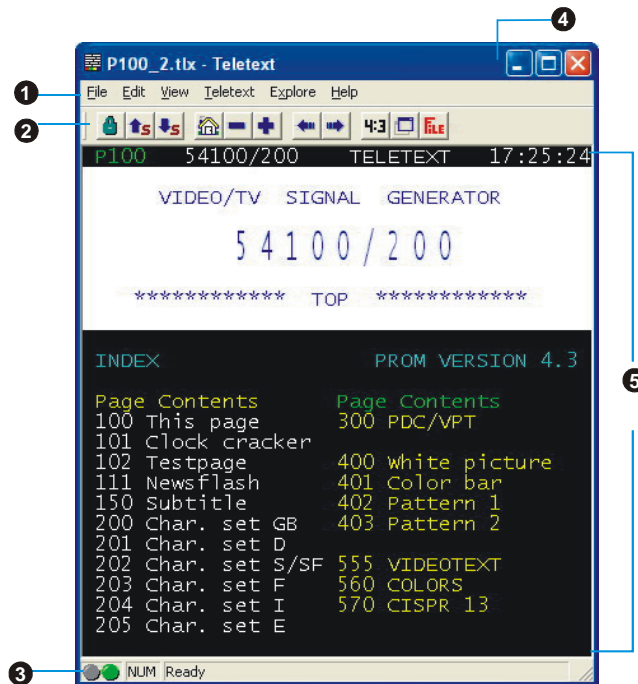
1. Click the Setup button  and in the setup dialog box, click the Teletext icon in the left pane.
2. From the Display Mode drop-down list, choose Other Window Display to open a new Teletext window or choose Main Window Display to overlay the Teletext window on the TV monitor.
3. Select the Transparent check box to make the Teletext window transparent.



(This picture is only for reference)

9.2 Overview

Click the **Teletext** button  on the control panel to open the Teletext application as shown below. For more information about Teletext, please see below in this chapter.



	BUTTON	FUNCTION
1	Menu Bar	This contains the names of the available drop-down list option menus. To access any of the menu items, simply click on it or hold down Alt and press the first character of each item.
2	Toolbar	It includes buttons that gives quick access to perform certain frequently used functions from the Menu Bar.
3	Status Bar	Status bar is located at the lower left corner of the window. It contains a short text message or explanation of the currently selected menu command.
4	Title Bar	This is located at the top of the window. It contains the current displayed page number or in hexadecimal page number of an active window.
5	Teletext Browser	Teletext information is displayed in this area. The information would be the TV schedules, news, stock market reports, concert & theater information and so on.

9.3 Toolbar Buttons



Lock Sub page

Locks the current sub page. The upcoming transmitted sub pages will be stored in the Teletext Cache for later use.



Previous Sub page/ Next Sub page

Switches to the next or the previous sub page.



Home (Ctrl+H)

Connects to the Teletext home page which always goes to page 100, but page 100 may not be the primary Teletext source.



Previous Page (-) / Next Page (+)

Displays the preceding or the succeeding Teletext in hexadecimal page number.



History Back / History Forward

Retrieves the previous page in the history list.

Moves a page forward in the history list. The command is usable after one or more back steps in the history list.



TV Scale

Changes the proportion of the Teletext window to 4 by 3.



Always On Top

Makes Teletext Window float over the top of other applications.



Teletext File

Switches between the Teletext file which is opened from the previously saved file and the most recent Teletext information.

9.4 LED Lamp

Different LED color indicates different state.

Left LED Lamp:

Gray -- The system does not receive the Teletext broadcast data.

Green -- The system is receiving the Teletext broadcast data.

Right LED Lamp:

Green -- The cache in Teletext application is running less than 90% usage.

Yellow -- The cache in Teletext application is running over 90% usage.

Red -- The cache in Teletext application is running out.

9.5 Using Teletext

The following briefly describes how to use the Teletext feature.

Teletext Page

There are two page numbers displayed on the first line of each Teletext page. The page number on the left is the page number that you have selected or keyed in. The other one in the middle of line is the page number of the currently displayed Teletext data.

The newly selected page number will appear on the upper left corner of the page. Sometimes, this may take a while to retrieve the newly selected Teletext page. There will be no changes on the page when there is no page data transmitted with the number you have selected.

A Teletext page can be selected with one of the following methods:

- Key in the hexadecimal or Teletext page number using the numeric buttons of your keyboard or AVerMedia TV remote control.
- Press the + (positive) or – (negative) button to move to the succeeding or preceding Teletext page.

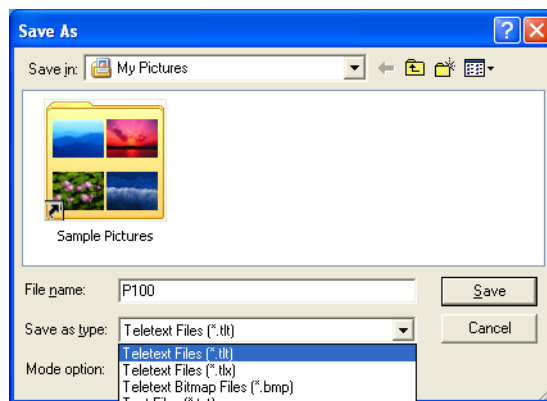
Copying a Teletext Page

1. Simply click and drag over the text or the area that you want to copy using the mouse.
2. Choose **Copy** from the **Edit** menu (*Alt+E, C*) or press *Ctrl+C*.
3. You can then paste the contents of the Teletext page in TXT or BMP format to a document you are working with.

Saving a Teletext Page

Some Teletext pages include a number of subpages. If the file has subpages, Teletext will also save the existing subpages.

1. A Teletext page can be saved using one of the following ways:
 - To automatically save the file using the displayed Teletext page as the filename and the default file format, choose **Save** from the **File** menu or press *Ctrl+S*.
 - To save the file by specifying your own filename and different file format, choose **Save As** from the File menu or press *Ctrl+A*.
2. A save as dialog box will appear:

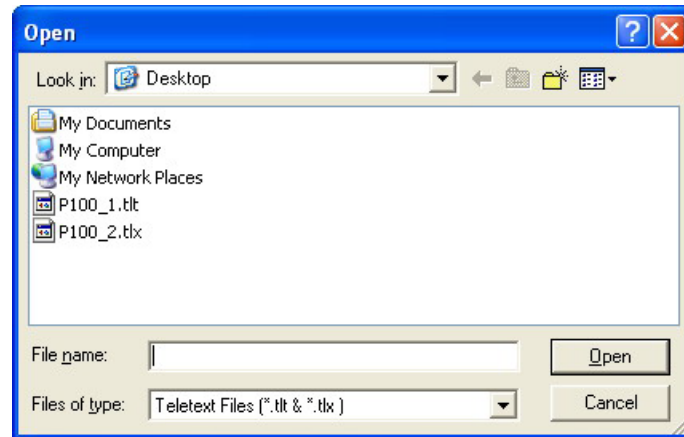


3. Select the file format to use for saving the Teletext page. You can save the Teletext page in :
 - TXT** Text file format
 - BMP** Windows bitmap file format
 - TLT** Teletext file format
 - TLX** Teletext file format

4. Enter a filename and click OK.

Opening a Teletext Page

1. Choose **Open** from the **File** menu or press *Ctrl+O*.
2. From the Open dialog box, select the file containing the teletext page you want and click **Open**.



Opening Another Teletext Window


To open another teletext window, choose **New Window** from the **File** menu or press *Ctrl+W*.

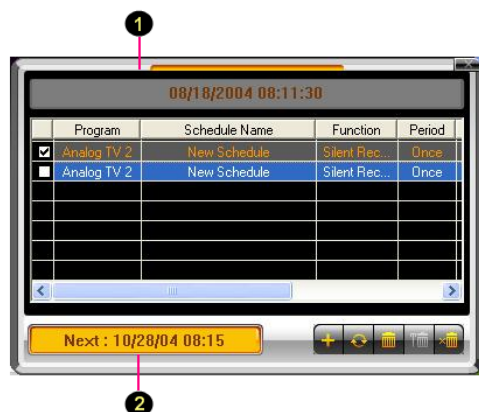
Closing the Active Teletext Window

Choose **Close Window** from the **File** menu or press *Ctrl+L* to close the active Teletext page window.

Chapter 10 Scheduler

The **Scheduler** allows you to create a list of preset schedules for watching and recording your favorite TV/Radio programs. You can set the day and time to record the TV/Radio program and specify the length of recording.

To run this application, click the **Schedule** button  on the Control Panel. Then the Scheduler dialog box will appear.



BUTTON	
1	Current Time
2	Selected Schedule

The check box next to the **Program** column (as shown at right) indicates the schedule will be executed at a preset time. Once the application starts to execute a scheduled task, the system will clear the check mark automatically. If you want to skip the schedule temporarily, just clear the check box.



Schedule Management

This displays a list of preset schedules you have created.

Modify 

Select a preset schedule and click this button to make changes.

Delete 

Click this to delete selected schedule.

Delete Expired Schedule 

Click this to delete the expired schedule.

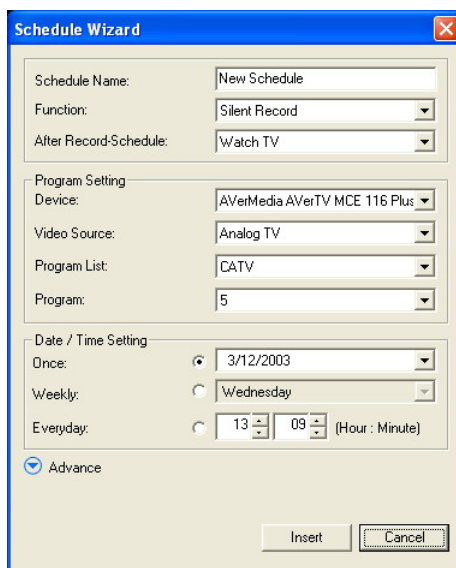
Delete All 

Click this to delete all schedules.

10.1 Adding Schedules

To create a new schedule:


- Click the **Add** button .
- The following dialog box will then appear:



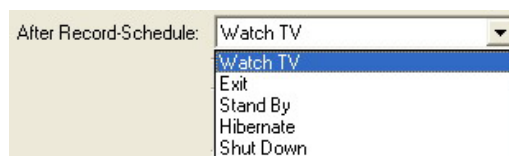
(This picture is only for reference)

6. Type the desired name in the *Schedule Name* text box.
7. From the *Function* drop-down list, select **Activate AVerTV** to watch a TV program or listen to a radio broadcast. Otherwise, select **Record** to save a TV/Radio program for future viewing/listening. You can also select **Silent Record** which means the system will perform background recording instead of activating the TV/Radio program. If you want to schedule a task to enable Timeshift function, select **Timeshift**.




☒ **Note:** If you select **Silent Record**, when the application is performing the recording task, the icon  will appear on the task bar (the lower right corner of the screen). To immediately watch or listen to the TV/FM program which is being recorded, just double-click this icon.

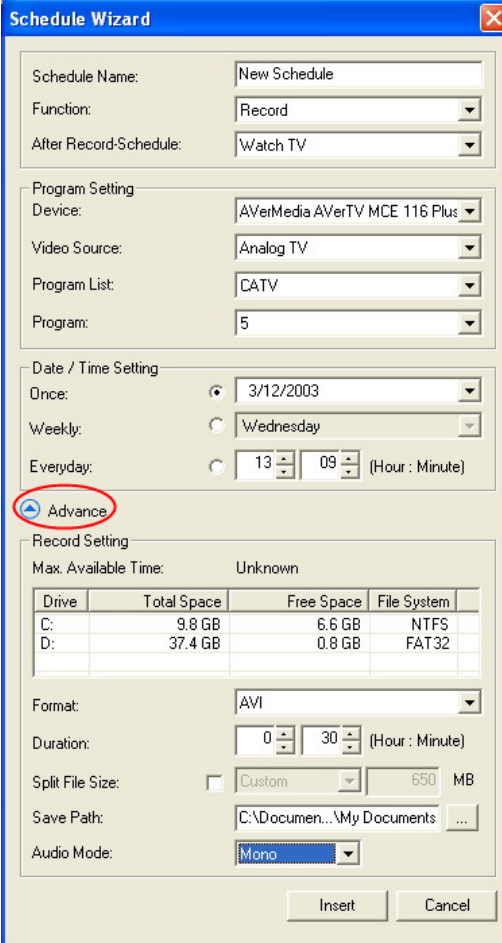
8. In the *After Record-Schedule*, it automatically switches to the selected power control mode when the schedule recording is completed. Choose an appropriate power control status listed below:



- Watch TV: Switch to real-time TV mode.
- Exit: Turn off the AVerTV Application.
- Stand By: Turn off your monitor and hard disks.
- Hibernate: Save everything and then turn off your computer.
- Shut Down: Turn off your computer.

Note: If you choose **Watch TV** from the drop-down list, after completing the **Silent Record** task, the icon  will appear on the task bar (the lower right corner of the screen). Just double-click this icon, you can immediately watch live TV or listen to the radio.

9. In the *Program Settings* section, select the desired device, video source, group and channel you want.
10. Set the schedule to tune in live TV or to perform recording. You can set the schedule on **Once**, **Daily** or **Weekly**.
 - Choose **Once** to perform schedule at a preset day and a preset time.
 - Choose **Weekly** to perform schedule every week, at a preset day and time.
 - Choose **Everyday** to perform schedule everyday at a preset time.
11. If you choose **Activate AVerTV** in step 4, click **Insert** to complete the settings. If you choose **Record** or **Silent Record**, you need to do the following.
12. Click the **Advance** icon.
13. In the Record Setting section, you can determine the file format, recording duration, file size, destination folder and audio mode.
14. Click **Insert** to save the new schedule or click **Cancel** to abort without saving.



Schedule Wizard

Schedule Name:

Function:

After Record-Schedule:

Program Setting

Device:

Video Source:

Program List:

Program:

Date / Time Setting

Once: ☒ 3/12/2003

Weekly: ☐ Wednesday

Everyday: ☐ 13 : 09 (Hour : Minute)

Advance (circled in red)

Record Setting

Max. Available Time: Unknown

Drive	Total Space	Free Space	File System
C:	9.8 GB	6.6 GB	NTFS
D:	37.4 GB	0.8 GB	FAT32

Format:

Duration: : (Hour : Minute)

Split File Size: ☐ Custom MB

Save Path: ...



Audio Mode:

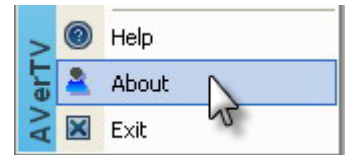
(This picture is only for reference)


Chapter 11 Customer Service

The AVerTV application provides a convenient tool, which allows users to obtain product information and service easily via our website. Please make sure that you have already connected to the Internet.

To do this:

1. Right-click on the TV monitor window. When a menu list pop-up, choose **About** (as shown at right).
2. When an information dialog box appear, click  to access the product information webpage. Or you can click  to connect to our technical support webpage.



3. To exit the current dialog box, click .

www.avermedia.com

Chapter 12 Appendix

12.1 Hot Keys

The following is the default definition:

Hot Key	Description	Function
UP/DOWN ARROW	Channel or Frequency Up/Down	Press to go to the next upper/lower TV/Radio channel.
Back / L	Channel Loop	Press to go to the previously accessed TV/Radio channel.
NUMERIC KEYS	Select Channel	Use NUMERIC KEYS to directly enter the TV/Radio channel number.
ESC	Stop or, Change back to Normal View	Stop (playback, recording, TimeShift, or Multi-Channel Preview). Or change full screen back to normal view.
F1	Help	Open the Users Manual.
F2	Minimize	Minimize the application and an icon will appear in the notification area. To return to the previous screen, double click the icon again.
F5	Full Screen	Show TV/Video in full screen.
F6	Display (OSD) information	Display information on the TV monitor.
F8	Multi-Channel Preview	Press to perform Multi-Channel Preview function.
+/- (on your numeric keypad)	Volume	Press to increase or decrease the volume level.
LEFT/ RIGHT ARROW	Rewind/ Fast Forward	Press to rewind or fast forward (for playback and TimeShift).
A	Audio Mode	Choose between available languages.
D	Show/Hide TV Monitor Panel	Toggles between showing and hiding the panel on the TV monitor window.
M	Mute	Turn off/on the sound.
P	Play / Pause	Play/Pause (for playback, recording, and TimeShift).
Ctrl + N	Play Next File	Play the next file in the playlist.
Ctrl + P	Play Previous File	Play the previous file in the playlist.
Ctrl + R	Record	Start recording.
Ctrl + S	Snapshot	Capture an image (or a continuous sequence of images).
Ctrl + T	TimeShift	Enable the TimeShift function.
Insert	Transparent	Make Teletext window transparent. (Only available for Teletext overlay mode.)
Page Up	Previous page	Go to the preceding Teletext page.

Page Down	Next page	Go to the succeeding Teletext page.
Home	Home page	Go the Teletext home page.

☒ **Note:** To customize the definitions of the Keyboard (Hot Keys), please refer to the section *Customize Definitions of the Keyboard (Hot Keys)*.

12.2 Editing EPG Import Files

12.2.1 EPG File Mapping (Index File *.idx)

The EPG index file (*.idx) are provided to enhance user convenience of importing EPG files (*.avr and *.ndx).

Each EPG file (*.avr or *.ndx) contains EPG data only for one channel. To save time of importing EPG files one by one, you can turn them into one file (*.idx) and import the EPG of many channels at one time. You can also share the index files with others.

Index File format: The statement of index file is the same with XML, which is composed of **Tags**, **Elements** and **Attributes**. (All the keywords are case-sensitive.)

Statement:

```
<aver_epg_mapping>

  <country name= "[country ISO3] " region="[location]">

    <analog>

      <ch no = "[channel number]" file_format = "[file format number]">

        [file name]

      </ch>

    </analog>

  </country>

</aver_epg_mapping>
```

Tag	Description
aver_epg_mapping	Indicating this file contains the mapping table of channels and EPG data.
analog	Indicating all configurations in this tag are for analog TV/Radio.
ch	Indicating what EPG files are in the very channel. Only file name is required.

Tag	Attribute	Description	
ch	no	channel number	
	file_format	No.	EPG file format
		1	AverMedia EPG file format (*.avr)
		2	JTV EPG file format (*.ndx)
country (Optional)	name	Country (*Note)	
		Value (ISO code)	
		Russia	RUS
		Ukraine	UKR

	region	Country	Value (location)
		Russia	Москва
			Санкт-Петербург

☒ **Note:** The abbreviation of country name is based on ISO 3166 alpha-3.

Example:

1. First create a file named "MyEpg.idx".
2. Then edit the file as below.

```
<aver_epg_mapping>

  <country name= " RUS " region= " Москва ">

    <analog>

      <ch no = "1" file_format ="2">ch1.ndx</ch>

      <ch no = "2" file_format ="2">ch2.ndx</ch>

      <ch no = "3" file_format ="2">ch3.ndx</ch>

    </analog>

  </country>

</aver_epg_mapping>
```

12.2.2 Editing AVerMedia EPG File Format (*.avr)

If you want to import the EPG files for those channels without EPG files provided, you can make it yourself. Once you create the AVerMedia EPG file, you are able to import it.

To do this:

Statement:

```
<averepg>

  <ch name = "[channel name]">

    <program>

      <title>[program name]</title>

      <description>[program description]</description>

      <start>[start time YYYYMMDDHHMMSS]</start>

      <end>[start time YYYYMMDDHHMMSS]</end>

      <type>[program type number]</type>

      <parentrating>[parental rating]</parentrating>

    </program>

  </ch>

</averepg>
```

Tag	Description
averepg	Indicating this file contains EPG data.
ch	Put all channel information inside this tag.
program	Put all program information inside this tag.
description (Optional)	The description of program content
title	Program name
start	The start time of the program. Format: YYYYMMDDhhmm Example: 2008/8/15 8AM ➔ 200804150800
end	The end time of the program. Format: YYYYMMDDhhmm Example: 2008/8/15 9PM 30 ➔ 200804152130

type (Optional)	The standard for program type. Available types are shown as below:			
	0	Undefined Content	6	Music
	1	Movie / Drama	7	Arts
	2	News	8	Social
	3	Show	9	Education
	4	Sports	10	Leisure
	5	Youth	11	Special
Parentrating (Optional)	The programs can be watched or listened above this age. You can fill 0 for all ages.			

☒ **Note:** The abbreviation of country name is based on ISO 3166 alpha-3.

Example:

1. First create a file named "MyEpg.idx".
2. Then edit the file as below.

Assume start time = 2008/4/15 6:00 PM (200804151800)

Assume end time = 2008/4/15 7:30 PM (200804151930)

```

<averepg>

  <ch name = "EPSN">

    <program>

      <title>Travel news</title>

      <description>

        Introduction all available travel lines.

      </description>

      <start>200804151800</start>

      <end>200804151930</end>

      <type>2</type>

      <parentrating>12</parentrating>

    </program>

    <program>

      <title> Live NBA</title>

      <description>Sports</description>

      <start>200804151930</start>

      <end>200804152000</end>

      <type>4</type>

      <parentrating>0</parentrating>

    </program>

  </ch>

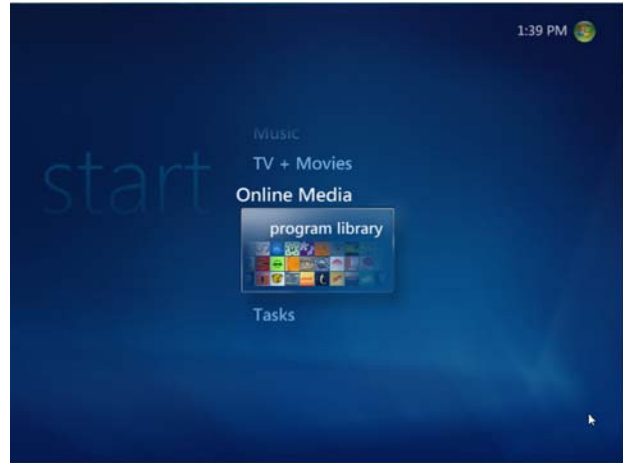
</averepg>

```

12.3 Video Gaming Plug-in (for Microsoft Vista MCE only)


MCE “Video Gaming Plug In” support is for Vista MCE only. After installing the driver, you can access it through the **program library** in **Online Media**. This function enables you to watch composite/S-Video signal source or play games in Vista MCE platform. (Playing games with MCE may cause delay, but you can choose “Video Gaming Plug In” to avoid it and enjoy real-time game play.)

1. Start the **Media Center** in Vista.
2. Select “**Online Media**” → “**program library**”.



3. Select “**Video Gaming Plug In**”.



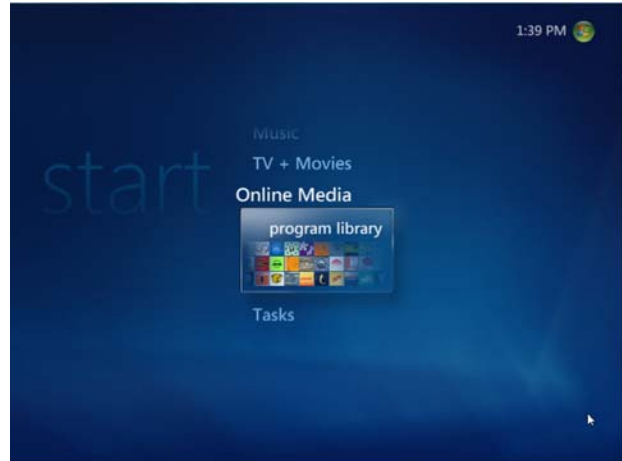
4. Select the video source you want to view via “**Video Gaming Plug In**”.
5. Click button  to view images in a full-screen window. Press ESC to exit the full-screen mode.










12.4 Video Quality Enhancement Plug-in (for Microsoft Vista MCE only)

MCE “Video Quality Enhancement Plug-in” support is for Vista MCE only. After installing the driver, you can access it through the **program library** in **Online Media**. This function enables you to adjust the **Brightness**, **Contrast**, **Hue**, **Saturation** and **Sharpness** until the image color is accurate. The setting you made will be applied to Analog TV, and composite/S-Video signal source.




1. Start the **Media Center** in Vista.
2. Select “**Online Media**” → “**program library**”.
3. Select “**Video Quality Enhancement Plug-in**”.
4. Select the item you want to adjust.



5. Use the following buttons to adjust the value of the item.

	Decrease Brightness and Hue values by 32.
	Decrease Contrast and Saturation values by 16.
	Decrease Sharpness value by 8.
	Decrease Brightness and Hue values by 16.
	Decrease Contrast and Saturation values by 8.
	Decrease Sharpness value by 4.
	Decrease the item value by 1.
	Reset the item value back to its default.
	Increase the item value by 1.
	Increase Brightness and Hue values by 16.
	Increase Contrast and Saturation values by 8.
	Increase Sharpness value by 4.
	Increase Brightness and Hue values by 32.
	Increase Contrast and Saturation values by 16.
	Increase Sharpness value by 8.



6. Click button  to reset all items back to their default settings.
7. Or click button  to save all the settings.
8. If you want to exit without saving, click button .

