



AVerMedia[®]

AVerMedia Center 3D

User Manual

Disclaimer

All the screenshots in this documentation are sample images. The images may vary depending on the product and software version. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

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Table of Contents

| | | |
|------------------|--|-----------|
| Chapter 1 | Introduction | 1 |
| 1.1 | Device Introduction | 2 |
| 1.2 | System Requirements | 3 |
| 1.3 | Activating AVerMedia Center 3D | 4 |
| 1.4 | Overview of AVerMedia Center 3D | 5 |
| | The Main Screen | 5 |
| | The Main Control Buttons | 6 |
| | Navigation Tree | 7 |
| 1.5 | Running AVerMedia Center 3D for the First Time | 8 |
| Chapter 2 | Getting Started | 10 |
| 2.1 | TV | 11 |
| | Scanning TV Channels | 11 |
| | Watching Live TV | 12 |
| | Selecting a TV Channel | 13 |
| | Adjusting Volume | 13 |
| | Specifying a Channel Name or Description | 13 |
| | Fine Tuning Color and Quality of the Display | 15 |
| | Deleting a Channel | 17 |
| | Editing the Channel Group Table | 18 |
| | Managing the Channel Groups | 19 |
| | Using OverScan Function | 21 |
| | Changing the TV Channel Order | 22 |
| | Capturing Images | 22 |
| | Recording a TV Program Directly | 22 |
| | Playing a Recorded TV Program | 23 |
| | Viewing Teletext Information (Available for PAL / SECAM or DVB-T System) | 24 |
| | Viewing Closed Caption Information | 25 |
| | Viewing EPG Information (Only Available for Digital TV) | 26 |
| | Closing the Media Window | 28 |
| | Parental Control | 29 |
| 2.2 | 3DTV | 33 |
| | 3D Watching Operations | 35 |
| | Watching a 3D Source TV Program in 2D Mode | 38 |
| | Recording a 3DTV Program | 39 |
| | Playing a Recorded 3DTV Program | 39 |
| 2.3 | Radio | 42 |
| | Scanning FM Radio Frequencies (Only available for FM Radio) | 42 |
| | Listening to the Radio | 43 |
| | Manually Scanning Specific FM Channels (Only available for FM Radio) | 43 |

| | |
|---|-----------|
| Selecting a Radio Channel..... | 44 |
| Adjusting Volume | 44 |
| Deleting a Channel..... | 44 |
| Changing the Radio Channel Order..... | 45 |
| Recording a Radio Program Directly | 45 |
| Playing a Recorded Radio Program | 46 |
| Setting the Audio Mode (Only Available for FM Radio)..... | 46 |
| 2.4 Video..... | 48 |
| Playing Video Files..... | 48 |
| 2.5 Music | 49 |
| Adding Music to your Playlist | 49 |
| Playing Music | 50 |
| 2.6 Pictures | 51 |
| Viewing the Captured Images | 51 |
| Playing Slide Show | 51 |
| Chapter 3 Advanced Operations..... | 52 |
| 3.1 TV..... | 53 |
| Using Schedule Recording..... | 53 |
| Using TimeShift | 55 |
| Switching Between TV and External Video..... | 56 |
| Multi-Program Display (Only Available for Digital TV)..... | 56 |
| 3.2 Radio | 58 |
| Using Schedule Recording..... | 58 |
| Using TimeShift | 60 |
| 3.3 Video..... | 61 |
| Picture-in-Picture(PIP) / Picture-by-Picture(PBP) Display | 61 |
| Chapter 4 More Settings | 63 |
| 4.1 General Settings | 64 |
| Configure Storage | 64 |
| Configure Snapshot | 65 |
| Video Device (Only Available for Multi-Card / Dual Tuner Series Users) | 66 |
| More Options..... | 67 |
| 4.2 TV Settings..... | 68 |
| Configure Analog TV / Configure Digital TV → ATSC (only for Configure Digital TV) → | |
| Configure TV Signal | 68 |
| Configure Analog TV / Configure Digital TV → ATSC (only for Configure Digital TV) → | |
| Manage Programs..... | 69 |
| Configure Analog TV → Configure Timeshift | 69 |
| Configure Analog TV / Configure Digital TV → ATSC (only for Configure Digital TV) → | |
| Configure Color Adjustment | 70 |
| More TV Options | 71 |
| Configure Closed Captions | 71 |

| | |
|--|-----------|
| 4.3 Radio Settings | 72 |
| Manage FM Radio Programs / Manage Digital Radio Programs..... | 72 |
| Configure FM Radio Recording / Configure Digital Radio Recordings | 73 |
| 4.4 Video Settings | 74 |
| 4.5 Picture Settings | 75 |
| 4.6 About | 76 |
| Appendix | 77 |
| Hot Keys..... | 78 |
| Glossary | 79 |
| Video Gaming Plug-in (for Windows 7 Media Center only) | 81 |
| Video Quality Enhancement Plug-in (for Windows 7 Media Center only)..... | 82 |
| AVerRadio Gadget (for Windows 7 only) | 84 |

Chapter 1

Introduction

Thanks for purchasing AVerMedia Center 3D. This powerful application allows you to watch TV, listen to the radio, create slide shows, record favorite programs and enjoy other features on your PC. With our easy-to-use remote control, you can enhance your PC experience. Turn your computer system into a real multimedia entertainment center.

This Chapter will guide you through the essential information of AVerMedia Center 3D. Please do read this chapter before using this application.

Please be noted the functions and images may vary depending on the product you purchase and the area you live.

| | |
|--|-----------|
| Device Introduction..... | 2 |
| System Requirement | 3 |
| Activating AVerMedia Center 3D | 4 |
| Overview of AVerMedia Center 3D ... | 5 |
| Remote Control | 8 |
| Running AVerMedia Center 3D for the First Time..... | 12 |

1.1 Device Introduction

Thanks for purchasing AVerMedia's product. **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.**

| | |
|--|--|
| Product Name | AVerTV Volar™ Hybrid Q |
| Model No. | H837 |
| TV System | Digital TV (ATSC / Clear QAM) Analog TV (NTSC / PAL / SECAM) |
| Audio Mode | Stereo / Mono / SAP |
| FM Radio | Supported |
| Remote Control (Optional) | Supported (RM-HV / RM-KV) |
| External Signal Source (Optional) | S-Video / Composite |
| Others | iEPG Closed Captions |
| Note | iEPG is only supported in the USA |
| Appendix | Video Gaming Plug-in (for Windows 7 Media Center only) Video Quality Enhancement Plug-in (for Windows 7 Media Center only) AVerRadio Gadget (for Windows 7 only) |

1.2 System Requirements

System requirements are described in detail below. Before using *AVerMedia Center 3D*, verify that your PC meets the requirements below.

| | Live TV Viewing | TimeShift and Recording in HDTV (MPEG-2) | 3DTV Viewing / Recording |
|-----------------|---|--|--|
| CPU | <ul style="list-style-type: none"> Intel® Pentium 4.2.4 GHz (Hyper-Threading) AMD Athlon XP 2600+ Pentium Mobile 1.6 GHz or AMD equivalent | <ul style="list-style-type: none"> Intel® Core™2 Duo 1.6 GHz AMD Athlon™ 64 X2 Dual Core™ 2.0 GHz Intel® Core™ 2 Duo 1.6 GHz Notebook CPU or AMD equivalent | <ul style="list-style-type: none"> Intel® Core™2 Duo or AMD Athlon™ X2 CPU or higher |
| VGA Card | VGA card with 128M memory supports DirectX 9.0 or above. | | VGA card* with 512M memory supports DirectX 9.0 or above. For HDTV, VGA card should support DXVA. For HD Input Source, a standalone graphics card is recommended for HD video capturing. |
| RAM | 512MB RAM or above | | 1 GB or above |
| OS | <ul style="list-style-type: none"> Windows® 7 Windows® 8.1 Windows® 10 | | <ul style="list-style-type: none"> Windows 7 32/64 bit |

*Anaglyph, polarized, and shutter display modes are all supported. To watch 3DTV or videos without any hardware upgrade, choose anaglyph display mode. To get the best 3D effect, we strongly recommend using NVIDIA® 3D Vision™ Kit, 3D-supported graphics card (NVIDIA® GeForce® GT 240 recommended or above) and 3D-ready display.

1.3 Activating AVerMedia Center 3D

To run the application, click **Start**, point to **Programs**, choose **AVerMedia**, select AVerMedia Center 3D and then click **AVerMedia Center 3D**. Another way is to double-click the **AVerMedia Center 3D** program icon “” on the desktop. Or, you can double-click the **AVer Quick** “” launcher located in the lower right corner of the screen.

Note: **AVerQuick** allows to set the desired default application, which means you can choose either AVerTV 3D or AVerMedia Center 3D 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.

1.4 Overview of AVerMedia Center 3D

After running the software, the main screen of **AVerMedia Center 3D** appears, which includes **TV**, **Radio**, **Video**, **Music**, **Pictures**, and **Settings**. This section briefly introduces main menu, sub-menus and setting items. For more details, please refer to Chapter 2.

➤ The Main Screen



Description

- | | |
|---|------------------------------|
| ❶ | Title bar |
| ❷ | Main menu |
| ❸ | Main window |
| ❹ | TV monitor and control panel |
| ❺ | Display the system time |

Note: You will not see the TV monitor or control panel until scanning TV channels.

➤ The Main Control Buttons



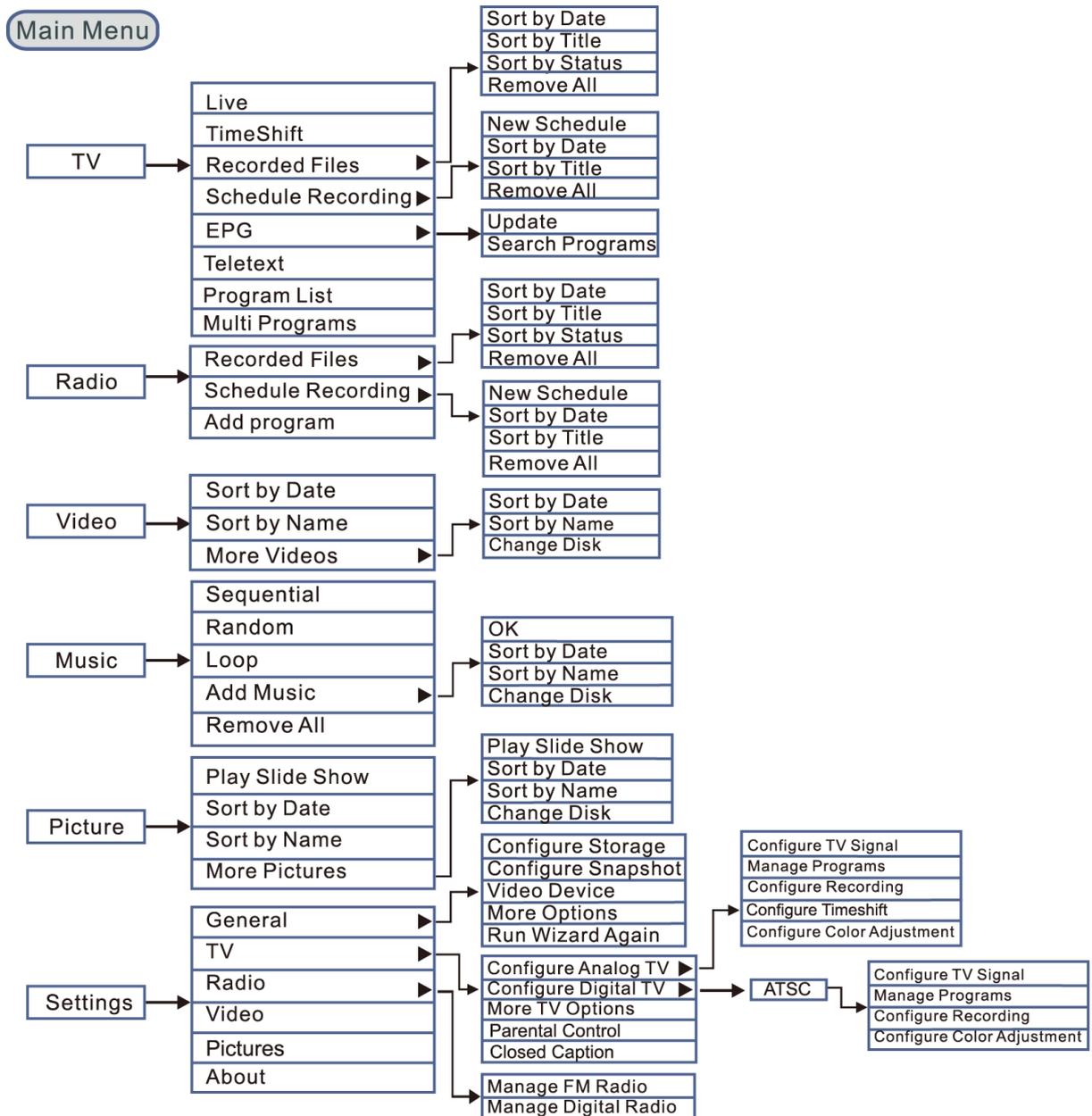
Description

-  Go back the main menu
-  Go back one level
-  Open user manual
-  Minimize the application
-  Restore the previous size
-  Exit the application

Description

-  / Switch from real-time TV or Radio to TimeShift mode. / Freeze the playback temporarily.
-  Stop the playback, recording, TimeShift, etc.
-  Play the selected file
-  Record the current program.
-  Play the previous/next file in the playlist.
-  Move backward or skip forward in intervals.
-  Capture a single image or a sequence of images.
-  Enable the PIP or multi-channel display function.
-  Switch to display all the programs that are under the same frequency simultaneously. (This function is only available for digital TV.)
-  Switch to different aspect ratios.
-  Go to the next upper or lower active channel.
-  Turn on / off the sound.
-  Increase or decrease the sound.
-  Choose between available audio modes
-  Watch or record 3DTV
-  Watch or record a 2D source TV program in 3D simulation
-  Open 3DTV Setting page

Navigation Tree



Note: The items may vary depending on the product you use and the area you live in.

1.5 Running AVerMedia Center 3D for the First Time

When you run the AVerMedia Center 3D for the first time, a setup wizard will automatically appear and take you through all the necessary settings step by step.

1. When a dialog box appears, click **Yes**.
2. If you use two AVerMedia devices or a dual tuner device, choose the primary device or tuner for watching TV or listening to the radio and then select **Next** (as shown on the right). Then choose **Next** again to continue.



3. Choose the country where you located and select the correct settings for the supported external outputs, such as S-Video, Composite, Component Video, or HD Input Source Standard (the supported items vary depending on the device you purchase). Then select **Next**.



4. Then the wizard will show the setting process and lead you to set up all available signal sources (As shown on the right). Select **Next** to continue the process or select **Skip** to ignore the setting.

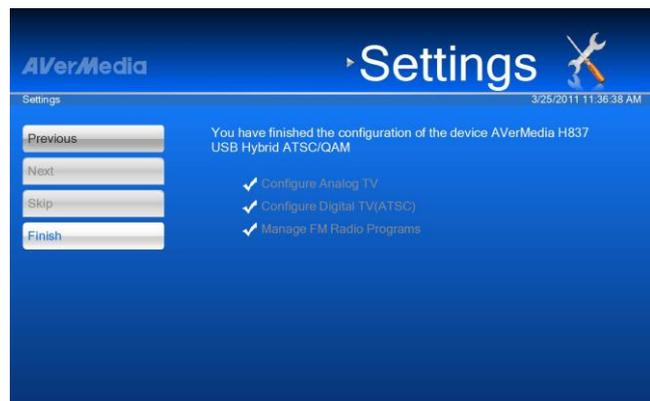


5. Determine the Signal Type and select **Next**.

6. Select AutoScan to start scanning (As shown on the right). After scanning, select **Next** to continuously set up other signal sources if any.



7. After finishing all settings, select **Finish**.
8. Select **Next** to continuously set up another device if any.
9. If you want to re-configure all the settings again, go the main page and select **Settings** → **General** → **Run Wizard Again**.



Chapter 2

Getting Started

This Chapter will start with the basic usage of AVerMedia Center 3D, including scanning programs, playing music, recording a TV/ Radio program, and so on.

Before using the application, it is necessary to understand all the basic operations in this chapter.

| | |
|---------------|----|
| TV | 15 |
| 3DTV..... | 37 |
| Radio..... | 47 |
| Video | 53 |
| Music..... | 54 |
| Pictures..... | 56 |

2.1 TV

Under the **TV** main menu, you can enjoy watching TV, record your favorite program and so on.

➤ Scanning TV Channels

If you didn't run the setup wizard, a dialog box will appear to prompt you to scan for channels when selecting the main menu **"TV"**.

1. When the Program Information dialog box appears, select Yes.
2. Then the wizard leads you to the "Settings" page to automatically scan channels.



3. You can check the scanning progress from the progress bar. After scanning, the active TV channels will be listed inside the box.
4. Terminate the scanning, simply select Stop.
5. If there are channels missing, select All Frequency Scan. This may take you a while, please be patient.



☑ Note:

1. If you didn't follow the wizard to automatically scan channels, you can select **Settings → TV → Configure Analog TV** or **Configure Digital TV → ATSC → Manage Programs** and choose **Auto Scan** to scan for channels.
2. After Media Center Edition scan, you may not be able to lock channels with AVerTV 3D. Please restart the computer to make it function normally.

➤ Watching Live TV

You can enjoy analog TV, digital TV or both of them depending on what your product is.

1. After scanning, go to the **TV** page and you can see a preview TV window in the right-hand section of the screen.
2. To switch the preview mode to the full-screen mode, select **Live**.



3. If you want to go back the preview mode, press ^{Back} ⏪ on the remote control or select ⏪ in the top-left corner of the screen.



Note: To watch or record 3DTV, please refer to the section entitled "3DTV".

➤ Selecting a TV Channel

There are four ways of switching between TV channels:

1. Use the numeric keys on the remote control to get your desired channel.
2. Use the **Channel Up/Down** buttons ( on the remote control or  on the control panel) repeatedly until reaching your desired channel.
3. Enter the number on your numeric keypad to get your desired channel.
4. Select the **Program List** and select the channel you want.

➤ Adjusting Volume

To increase or decrease volume when watching TV, press  on the remote control or click  on the control panel.

To disable the sound of the program, press  on the remote control or click  on the control panel. Press the same button again to turn on the sound.

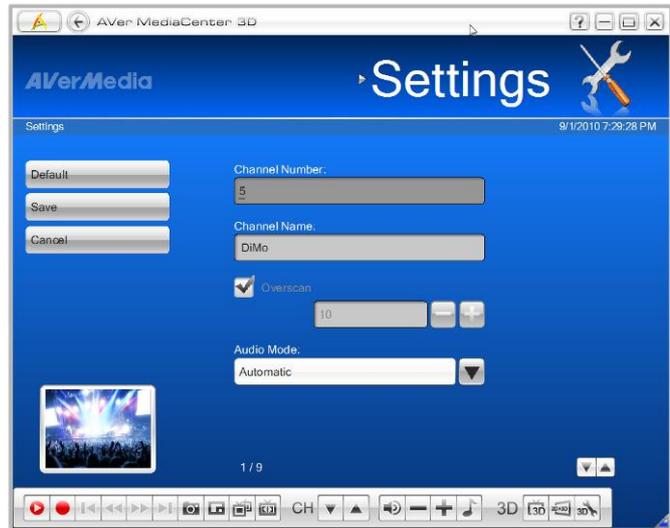
➤ Specifying a Channel Name or Description

To assign a channel name or description:

1. Select **“Settings”** → **“TV”** → **“Configure Analog TV”** or **“Configure Digital TV”** → **“ATSC”** → **“Manage Programs”**.
2. Select the channel you want to assign a name or description.



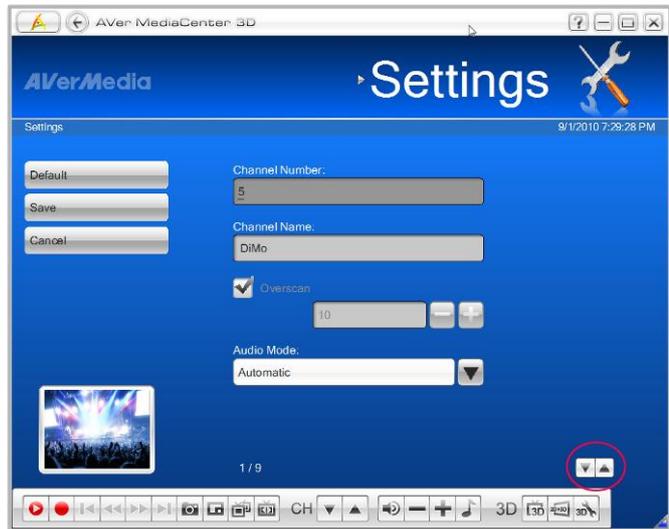
3. Enter the name or description under the **Channel Name**.
4. Choose the preferred audio mode from the drop-down list.
5. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



► Fine Tuning Color and Quality of the Display

If the color and quality of a particular channel need to be adjusted, please do the following.

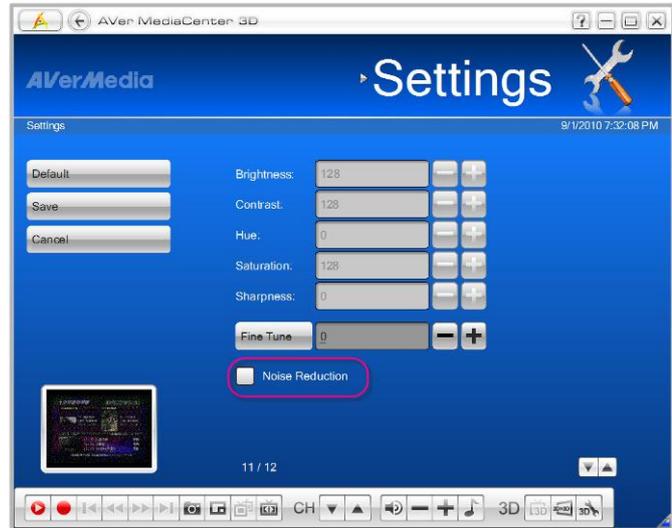
1. Select **Settings** → **TV** → **Configure Analog TV** or **Configure Digital TV** → **(ATSC)** → **Manage Programs**.
2. Select the desired channel.
3. Select  in the bottom-right of the screen to go to the second page.



4. Then use   to adjust the **Brightness**, **Contrast**, **Hue**, **Saturation**, and **Sharpness** until the image color is accurate.
5. You will need to perform fine-tune only if the reception of the selected channels is not clear. Use   to get a clear TV picture.



6. If the device you use can watch analog TV, here you can also select the **Noise Reduction** checkbox to obtain the better quality.
7. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



Note: By default, the system is set to disable the color adjustment items. To adjust image color of one specific channel, you need to go to **Settings → TV → Configure Analog TV** or **Configure Digital TV → ATSC → Configure Color Adjustment** and clear the **Apply All** checkbox. After clearing the **Apply All** checkbox and select **Save**, you can now adjust the setting of a specific channel.

➤ Deleting a Channel

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

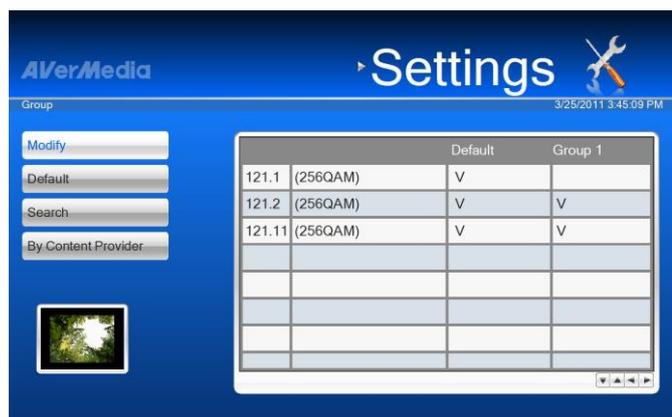
1. Select **Settings → TV → Configure Analog TV** or **Configure Digital TV → ATSC → Manage Programs**.
2. Select the unwanted channel.
3. Choose . This channel will be removed and that means you won't be able to access these programs anymore. If you want to watch that channel again in some day, you need to rescan all channels.
4. If you just want to skip a particular channel, simply clear the checkbox.



▶ Editing the Channel Group Table

To add or remove channels from the channel group, do the following:

1. Select **Settings** → **TV** → **Configure Analog TV** or **Configure Digital TV** → **ATSC** → **Manage Programs** → **Group Setting**.
2. The default and the first channel group*^{Note} are listed in the **Group Setting** table.
3. You can see all groups in this table. (To see more groups in the table, use arrow buttons  in the right bottom corner of the screen).
4. If you choose **Configure Digital TV** in step, there will be an additional option **By Content Provider** on this page. This option allows you to classify channels that are under the same frequency into one group.
5. Click the cell to add the desired channel in the channel group. The mark V appearing indicates that channel has been added to the group.
6. Click the cell again to remove the channel from the channel group.
7. The new setting will be saved automatically.



 **Note:** If you want to search a channel by channel name, select **Search**.

➤ Managing the Channel Groups

Channel groups are used to organize and group channels that suit your needs. To manage your channel groups, do the following:

1. Select **Settings** → **TV** → **Configure Analog TV** or **Configure Digital TV** → **ATSC** → **Manage Programs** → **Group Setting** → **Modify**.
2. If you want to create a new channel group, select **Add**. You can also select the existed group to enter the next page to modify the group name.



3. Type in a group name and click **Save**.



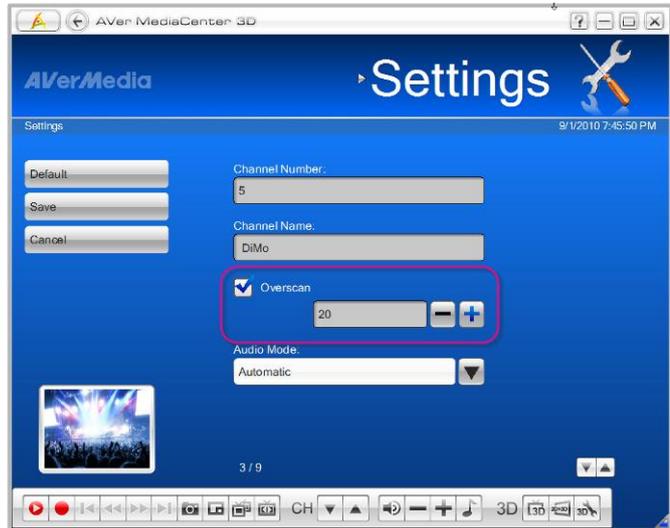
4. You can use  to remove a channel group or use   to move the channel group to the desired location.
5. The first channel group will be shown in the **Group Setting** table.



➤ Using 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.

1. Select **Settings** → **TV** → **Configure Analog TV** or **Configure Digital TV** → **ATSC** → **Manage Programs**.
2. Select the channel you want to hide the edges of the picture.
3. Specify an appropriate number (0~20) to get the better quality.
4. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



Note: By default, the system is set to disable the Overscan item. To apply the overscan setting to one specific channel, you need to go to **Settings** → **TV** → **Configure Analog TV** or **Configure Digital TV** → **ATSC** → **Configure TV Signal** and clear the **Apply All** checkbox. After clearing the **Apply All** checkbox and select **Save**, you can now adjust the setting of a specific channel.

➤ Changing the TV Channel Order

You may change the sequence of channels as you prefer.

1. Select **Settings** → **TV** → **Configure Analog TV** or **Configure Digital TV** → **ATSC** → **Manage Programs**.
2. Select the channel you want to move.
3. Use  to move upward or downward until the selected channel moves to the desired location.



➤ Capturing Images

While you watch TV or recorded video from your PC monitor, you can use the application to capture images for your document, presentation or web page.

1. Select **TV**.
2. Press  on the remote control or select  on the control panel to capture a still image.
To capture another image, press that button again.
3. To view the captured images, go back the Main Menu and select main menu **“Pictures”**. All the pictures are listed in the right-hand section of the screen.

 **Note:** For details, refer to the section titled **Pictures** in *Chapter 2*.

➤ Recording a TV Program Directly

To record a program now:

When watching TV, select  to record a program immediately. To stop recording, select .

▶ Playing a Recorded TV Program

1. Select **TV** → **Recorded Files**.
2. All the recorded files are listed here.
3. You can view those files by date, title or status.
4. Choose the desired file.
5. If you want to delete all recorded files, click **Remove All** → **Yes**.



6. Select **Play**.
7. To switch to the full-screen, double-click the small TV monitor.
8. To temporarily pause the playback, select . To stop the playback, select .



☑ Note:

1. For the related information, refer to **Video** → **Playing Video Files** in *Chapter 2*.
2. For playing and watching recorded TV programs in 3D simulation, refer to **3DTV** in *Chapter 2*.

➤ Viewing Teletext Information (Available for PAL / SECAM or DVB-T System)

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 in your region or country.

- Select **TV** ➔ **Teletext**.
- Teletext information overlays on the TV monitor.
- Press     on the remote control to jump to the Teletext page of the corresponding color.
- Or press the numeric buttons on the remote control to go to your desired page.



➤ Viewing Closed Caption Information

To enable Closed Captions function

- Right click on the screen and select **Closed Captions**.
- Click again to disable the function.

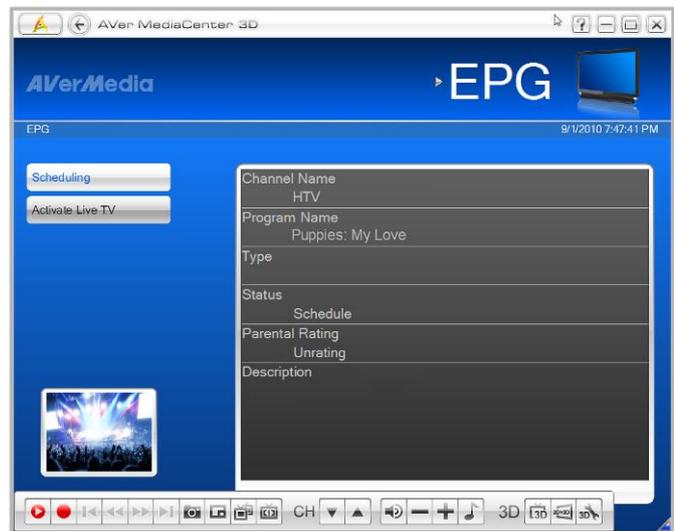
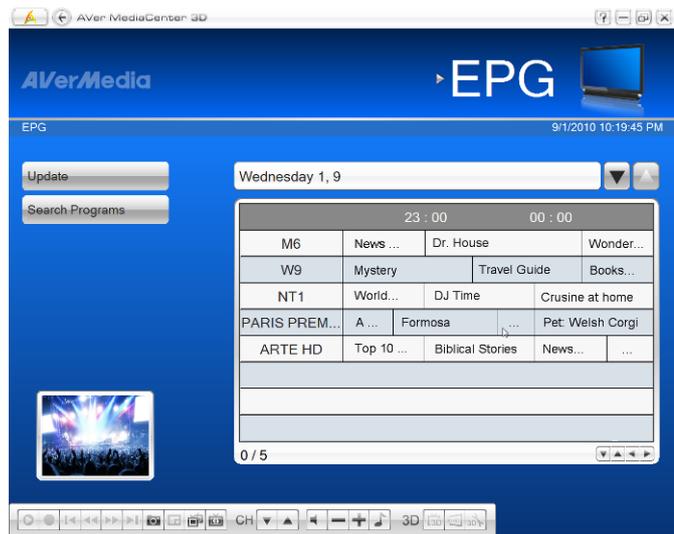


Note: For the related information, refer to **TV Settings → Configure Closed Caption** in *Chapter 4*.

➤ Viewing EPG Information (Only Available for Digital TV)

Electronic Program Guide (EPG) is a service that allows you to check the next succeeding program schedule and even the program schedules for the whole week. If the EPG service is provided in your region/country, do the following to view the EPG information. (For Analog TV: if the country you choose is the United States in Chapter 1.6, the iEPG function will be enabled.)

1. Select **TV** ➔ **EPG**.
2. You can use   to choose the desired day.
3. Then Use   in the lower right of the screen to find the channel you want. To select another period of time, use  .
4. Select **Update** to download the latest program schedule.
5. Select the desired program.
6. To record the program for future viewing, use **Scheduling**.
7. To tune into the program for some time in the future, use **Activate Live TV**.



8. Use  to go back the **EPG** page.
9. Select **Search Programs** to have the advance searching function.
10. On the next page (as shown on the right), you can search by keywords, time, program type and the parental rating.
11. After setting all conditions, select **Search**.



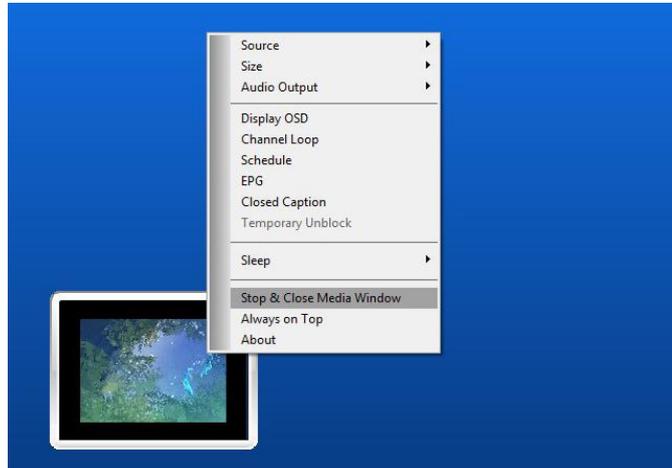
Note:

1. For more details on establishing a schedule, refer to **Using Schedule Recording** in *Chapter 3*.
2. **Type** and **Parental Rating** are only effective when your EPG system transmits information about the program type and parental rating.

➤ Closing the Media Window

After leaving the **TV** page, for example when you go to the Settings page, a small media window appears at the lower left corner for your preview, so you won't miss any part of your favorite TV programs.

1. To close the preview window, right-click on the media window and select **Stop & Close Media Window**.



2. To return to the Live TV mode, just double-click on the media window.



➤ Parental Control

The Parental Control function enables you to restrict certain channels based on the TV rating.

1. Select **“Settings”** → **“TV”** → **“Parental Control”**.
2. Type in the password you want in the **Enter a new access code** box.
3. Retype in the same password in the **Confirm new access code** box.
4. Then Choose **OK** to confirm the selection or select **Cancel** to abort without saving.
5. When the password is confirmed, you can access the settings page. Select **US TV**, **Canada (English)** or **Canada (French)** to set up the Parental Control options for TV programs.
6. Check the **Turn on TV blocking** option to enable the TV rating function.
7. If you also want to block the other unrated TV programs, select the **Block unrated TV Programs** checkbox. **Maximum Rating Allowed:** **13 ans+** checkbox.

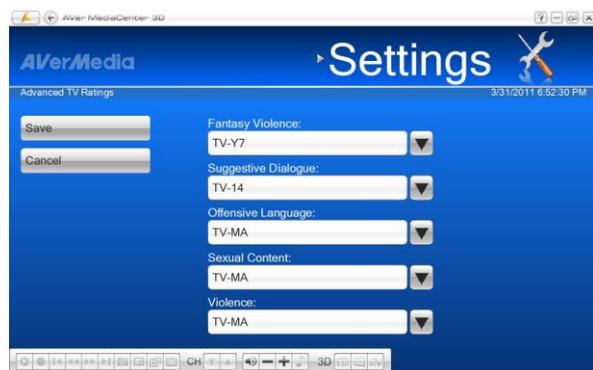


8. Select the desired rating level from the drop-down list.

| Level | Description |
|-------|-------------------------------------|
| None | All rated programs will be blocked. |
| TV-Y | All children |
| TV-Y7 | Directed to Older Children |
| TV-G | General Audience |
| TV-PG | Parental Guidance Suggested |
| TV-14 | Parents Strongly Cautioned |
| TV-MA | Mature Audience |

9. If you choose **US TV**, you can click the **Advance** icon to enter advance TV rating section. Here you can select your desired rating levels for certain shows that contain higher levels of fantasy violence, suggestive dialogue, offensive language, sexual content, and violence. (Rating options in the **Advance** section will vary depending on the **Maximum allowed TV rating** level you choose.)

10. Choose **US Movie (MPAA)** to set up the Parental Control options for US movies.



11. Select your desired rating levels.
12. Select **Save** to save the settings or select **Cancel** to abort without saving.



13. In the United States, different rating dimensions may be used simultaneously. When there is updated rating information from providers, you can choose **Downloadable RRT** where lists all updated RRT (Rating Region Table), and set up the Parental Control options.



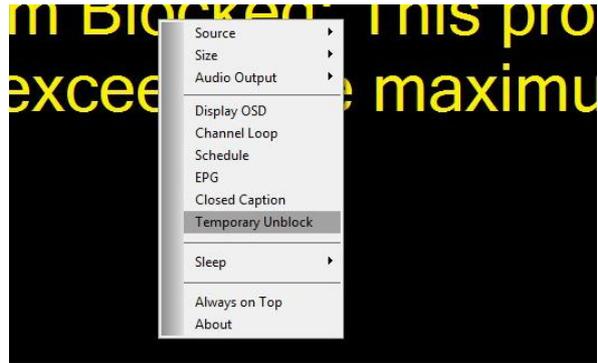
14. To change the password for parental controls, choose **Change Access Code**.



15. After setting up the parental control, the TV programs under the TV rating you specify will be blocked.

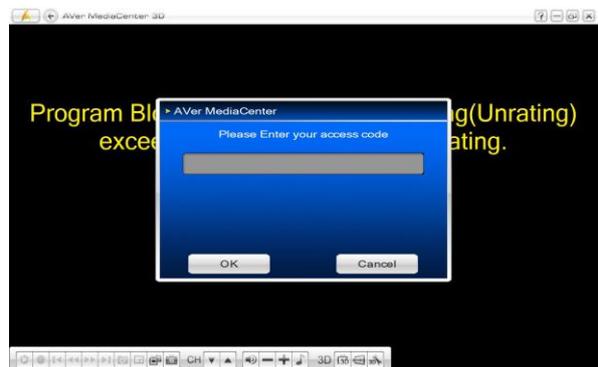


16. When watching or recording TV, if you want to temporarily unblock the blocked TV programs, right click on the TV screen and point to *Temporary Unblock*.



17. In the password dialog, enter the password and click OK to unblock the current TV programs temporarily.

18. After temporarily unblocking the channels, all prohibited programs under the parental control will be available for watching and recording till the AVerMedia Center 3D is closed.



☑ Note:

1. After setting the password for changing parental control, you will need to input the password to access the **Parental Control** setting.
2. If you want to watch or record a blocked program, set a preset schedule for a blocked program, or modify the Parental Control settings, you will need to enter the password to proceed.
3. When TV rating data has been updated, a popup message will appear, notifying users to go to **Setting → TV → Parental Control → Downloadable RRT** to change the settings as they wish.

2.2 3DTV

AVerMedia is honored to present to you the latest 3D TV watching technology in the latest version of **AVerMedia Center 3D**. Not only are you able to watch the vivid representation of programs with 3D sources (**Real 3D** function), but also transform a 2D TV program into a 3D one via the 3D simulation technology (**see3D** function) by **AVerMedia Center 3D**. (Please note the see3D function is not supported by some models.)

Before diving into the whole new 3D world, make sure your PC system meets the requirements (please refer to the System Requirement at the beginning of this manual), pay attention to the health reminder concerning your personal welfares, and read the information on 3D technology to fully enjoy the entertainment that **AVerMedia Center 3D** brings to you.

Health reminder

Watching 3D programs with the 3D glasses under correct usage and circumstances is not harmful to your eyes; however, some people might suffer from dizziness, nausea, headache or other uncomfortable feelings. To avoid suffering from any discomfort as such, or should any of these symptoms happen to you, please refer to the health notices below and consult the medical professionals if necessary.

1. Do not wear the 3D glasses for any purpose other than 3D program watching. Wearing the 3D glasses for any activity not intended for 3D glasses application might cause serious damage or injury.
2. Take regular breaks between long watching session.
3. Keep a distance no less than 2.5 feet between you and the display while watching 3D program.
4. If symptoms continue, stop wearing the 3D glasses and take the 3D glasses to the medical professionals for further examinations and medical advice.

3D technology application 101

1. 3D illusion and 3D technology

The 3D illusion in the real world for the human eyes usually refers to the depth caused by the compound of the two slightly different images seen through our eyes. Our eyes being spaced apart and each seeing a slightly different picture of the object, the human brain puts the received signals back together to calculate the distance, i.e, the depth, and this is exactly what a 3D video does: to recreate how the human eyes see things in the real world.

To recreate the human binocular vision on a 2D medium, we need images provided as for how the human eyes perceive them and some gadgets that help us to put the artificial binocular images back

to one, just as the brain works for us in the real world.

2. How 3D video signals are provided

To provide the images that the binocular vision requires, a technology called stereoscopic 3D is employed. Two images with slightly different perspectives of a video frame are provided simultaneously, with one sent to the left eye and the other to the right eye. The 3DTV broadcasts are either encoded as a single video stream in a side-by-side format or over/under format, or each view should be encoded as a separate video stream. These two formats, which are known as "Frame Compatible," are adopted for the high bandwidth efficiency and better compatibility with existing hardware.

*** Please be noted that blu-ray video 3D illusion is not supported in AVerMedia Center 3D.**

3. Different kinds of 3D glasses

The stereoscopic 3D technology described above requires the help of the 3D glasses, either passive or active ones, to properly filter the signals and then send the correct image to each eye to recreate the binocular vision.

The most commonly seen passive glasses are those with a pair of red and blue (or green) lenses. The color-filtered image is then perceived by each eye to produce the three-dimensional effects. Because of the employment of color complementary, this method inevitably causes discolor.

The other kind of more advanced passive glasses are polarized glasses. Each lens of the polarized glasses blocks certain wavelength of the visible light, creating the difference of images perceived by each eye to produce the 3D effects. The linear polarized glasses use the combination of vertical and horizontal polarization, while the circular polarized glasses use the combination of clockwise and counter-clockwise polarization.

To create a more vivid and life-like binocular image and avoid discolor problem come to the active glasses. The LC (liquid crystal) shutter glasses work with a transmitter or emitter connected to the computer and each lens blinks on and off by turns in sync with the display at half of the display refreshing rate. Each eye seeing an image, from a slightly different angle, creates the binocular vision.

➤ 3D Watching Operations

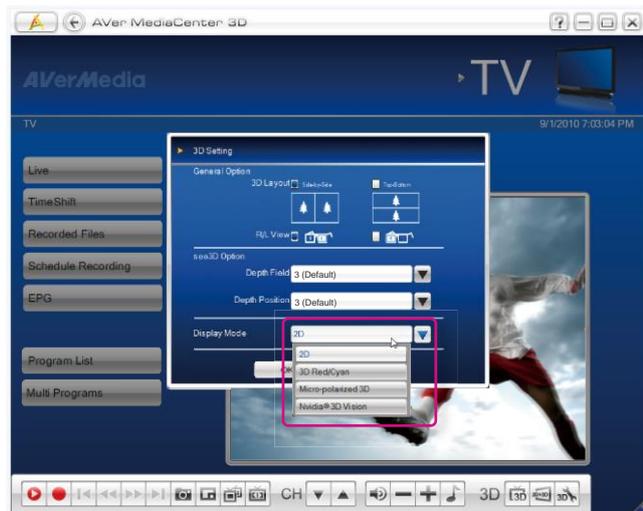
Watching in 3D Mode

To watch a live 3D source TV program via **AVerMedia Center 3D**

1. Click **TV** on the main menu bar to enter the TV main screen.
2. Select a TV signal from the drop-down list.
3. Switch to a channel with 3D source.



4. Select **3D Red/Cyan, Micro-polarized 3D, or NVIDIA® 3D Vision™** from the **Display Mode** drop-down menu according to your 3D watching equipment and click **OK** to confirm and go back to **AVerMedia Center 3D** main TV screen.



5. Click  on the control bar at the lower right of the screen and select **View** to start. Now you can put on the 3D glasses and enjoy the vivid 3D program.
6. To end 3D watching, double click on the screen, press **Esc** key on your keyboard, or use the **Back** key on the remote control.



Note: During 3D watching, operations such as channel switch, **TimeShift** are not available except for volume control.

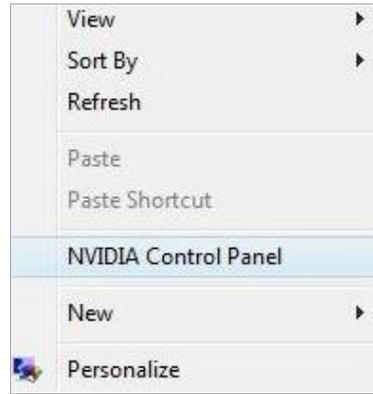
“NVIDIA® 3D Vision™” Settings

If you are using an **NVIDIA® 3D Vision™**, please follow the instructions below to complete the necessary settings for successful 3DTV watching.

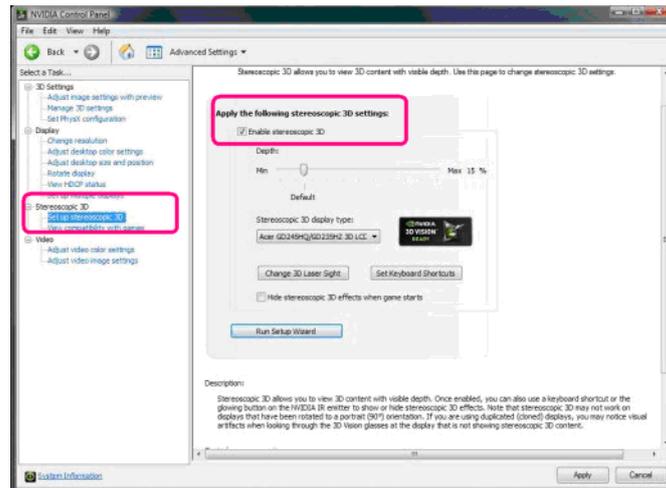
1. Go to **Start → All Programs → NVIDIA Corporation → NVIDIA Control Panel.**



Or
 Right-click on the desktop to bring up the quick menu and select **NVIDIA Control Panel**.



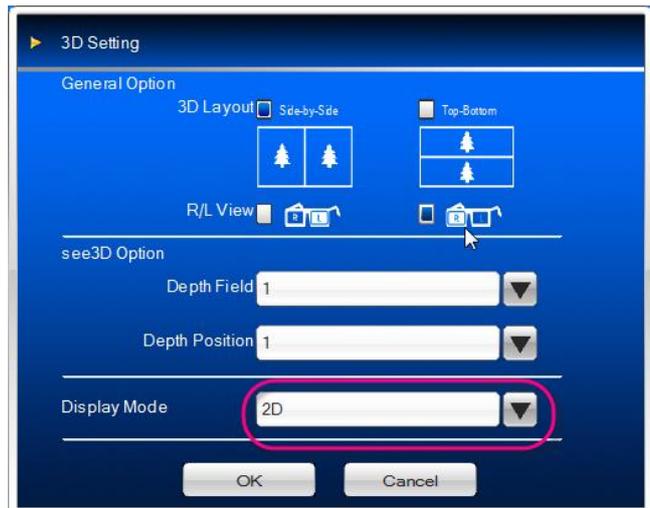
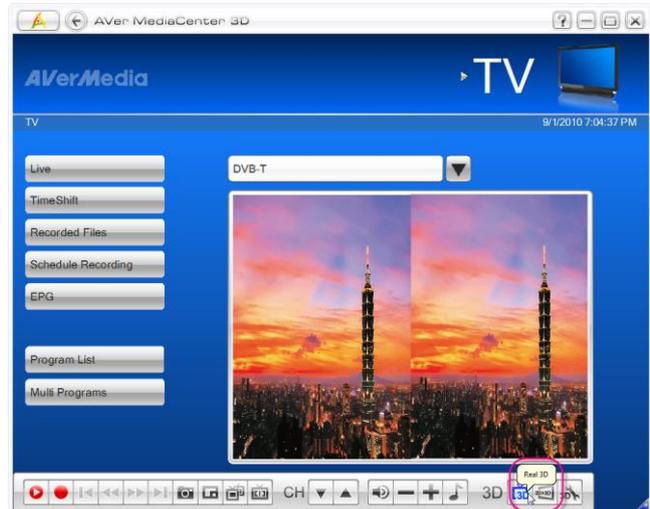
- Go to **Set up stereoscopic 3D** and check **Enable stereoscopic 3D** to activate 3D relevant settings.



▶ Watching a 3D Source TV Program in 2D Mode

If you prefer 2D TV watching for a live 3D source TV program, follow the instructions below to turn a 3D source TV program in 2D.

1. Click **TV** on the main menu bar to enter the TV main screen.
2. Select a TV signal from the drop-down list.
3. Switch to a channel with 3D source.
4. Select **2D** from the **Display Mode** drop-down menu and click **OK** to confirm and go back to **AVerMedia Center 3D** main TV screen.
5. Click  on the control bar at the lower right of the screen and select **View** to start.
6. To end TV watching, double click on the screen, press **Esc** key on your keyboard, or use the **Back** key on the remote control.



➤ Recording a 3DTV Program

To record a 3DTV program

- Exit from 3D watching fullscreen mode first.
- Click  on the control bar at the lower right of the screen and select **Record** to start.



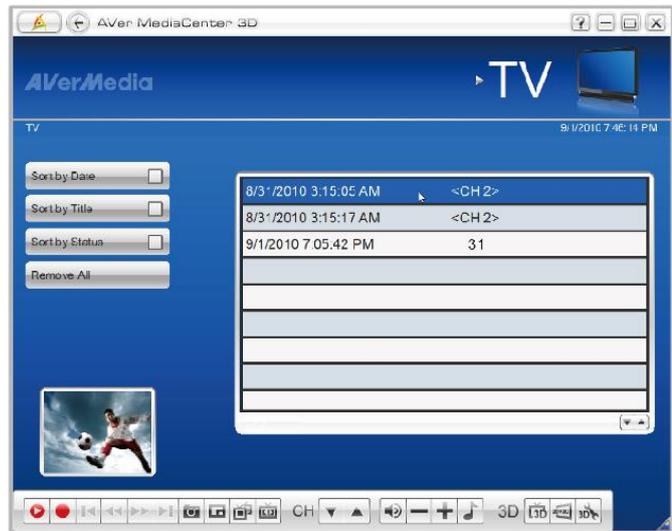
- To end 3D recording, double click on the screen, press **Esc** key on your keyboard, or use the **Back** key on the remote control.

Note:

1. The screen goes into fullscreen mode after you start recording.
2. Please DO NOT exit fullscreen mode during 3D video recording or the recording will be stopped.
3. Any system messages will end 3D video recording or 3DTV viewing.

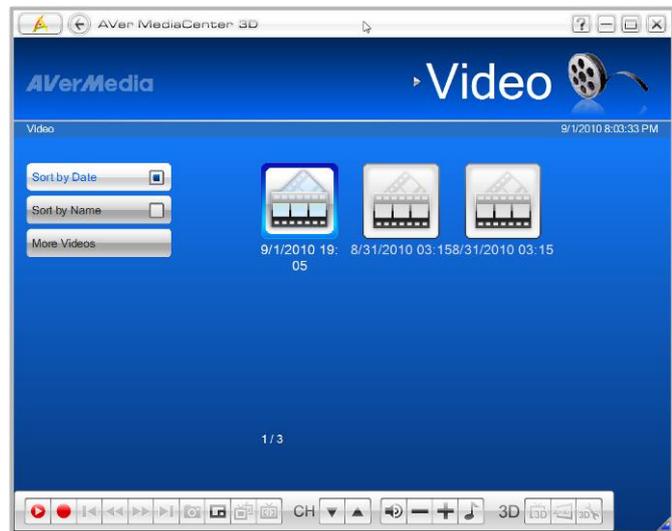
➤ Playing a Recorded 3DTV Program

1. Select **TV** → **Recorded Files**.
2. All the recorded files are listed here.
3. You can view those file by date, title or status.
4. Select the desired file.
5. If you want to delete all recorded files, click **Remove All** → **Yes**.



OR,

1. Select **Video**.
2. You may see some recorded video files are listed in the right-hand section of the screen. Or you can select **More Videos** to choose other folders.
3. Select the file you want.



- Click  on the control bar at the lower right of the screen and the **3D Setting** dialogue box appears.



- Select **3D Red/Cyan**, **Micro-polarized 3D**, or **NVIDIA® 3D Vision™** from the **Display Mode** drop-down menu according to your 3D watching equipment and click **OK** to confirm and go back to **AVerMedia Center 3D** main TV screen.



- Click  on the control bar at the lower right of the screen to start. Now you can put on the 3D glasses and enjoy the vivid 3D program.
- To end 3D watching, double click on the screen, press **Esc** key on your keyboard, or use the **Back** key on the remote control.



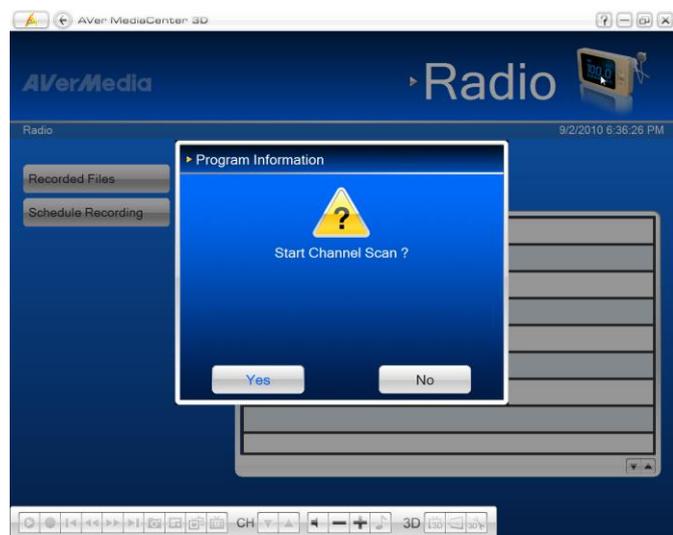
2.3 Radio

If the product you purchase with radio function, then you can read this chapter to learn more knowledge about this.

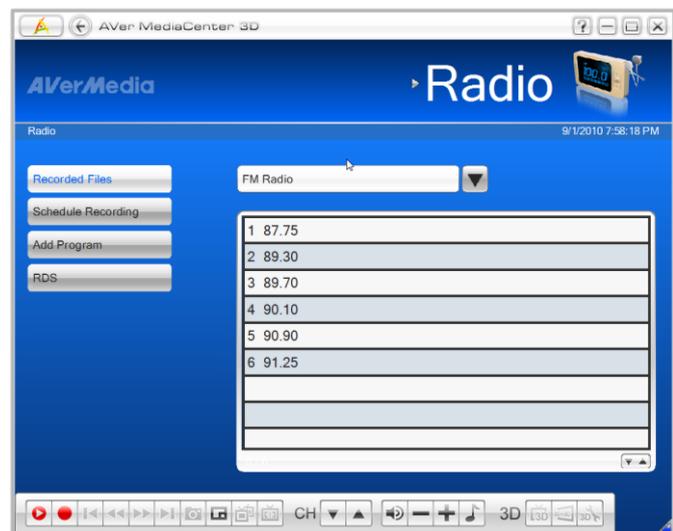
➤ Scanning FM Radio Frequencies (Only available for FM Radio)

If this is your first time running the application, a dialog box will appear to prompt you to scan for channels when selecting the main menu “Radio”.

1. When the **Program Information** dialog box appears, select **Yes**.
2. Then the wizard leads you to the **Settings** menu to auto scan channels.



3. You can check the scanning progress from the progress bar. After scanning, the active FM Radio channels will be listed inside the box.
4. If there are channels missing, select **All Frequency Scan**. This may take you a while, please be patient.



☑ Note: If you didn't follow the wizard to automatically scan channels, you can select **Settings** → **Radio** → **Configure FM Radio** or **Configure Digital Radio** → **ATSC** → **Manage Programs** and choose **Auto Scan** to scan for channels.

➤ Listening to the Radio

You can enjoy listening to the FM Radio, digital radio or both of them depending on what product you purchase.

1. After scanning, go to the **Radio** page and you can see all available channels listed in the right-hand section of the screen.
2. Select the channel you want.
3. Select **Live Radio** to listen to the live program.



➤ Manually Scanning Specific FM Channels (Only available for FM Radio)

Instead of scanning all channels, you can manually scan one or a few channels only.

1. Select **Radio** → **Add Program**.
2. Enter the channel frequency that you want to start scanning in the text box.
3. In the **Seek** section, use  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.
4. Or in the **Tune** section, select  or  to increase or decrease the frequency to search your preferred channel.
5. Select **Save** if you'd like to keep the



newly scanned frequency. Or select **Cancel** to abort without saving.

➤ Selecting a Radio Channel

There are three ways of switching between radio channels:

1. Use the numeric keys on the remote control to get your desired channel.
2. Press the **Channel Up/Down** buttons ( on the remote control or  on the Control Panel) repeatedly until reaching your desired channel.
3. Enter the number on your numeric keypad to get your desired channel.

➤ Adjusting Volume

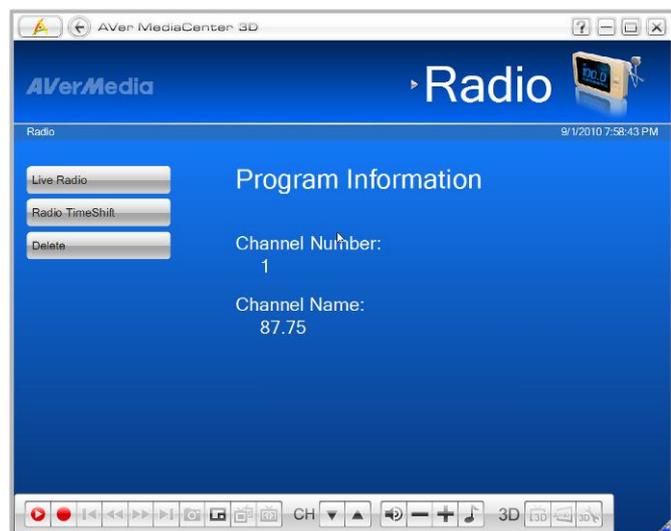
To increase or decrease volume when listening to the FM radio, press the **Volume +/-** on the remote control or press the button  on the control panel.

To disable the sound of the program, press  on the remote control or select  on the control panel. Press the same button again to turn on the sound.

➤ Deleting a Channel

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

1. Select **Radio**.
2. Select the unwanted channel.
3. Select **Delete** to remove the undesired channel. This channel will be removed and that means you won't be able to access these programs anymore. If you want to listen to that channel again in some day, you need to rescan all channels.



4. If you just want to skip a particular channel, do the following:
5. Select **Settings** → **Radio** → **Configure FM Radio** or **Configure Digital Radio** → **ATSC** → **Manage Programs**.
6. Choose the unwanted channel and clear the checkbox.



➤ Changing the Radio Channel Order

You may change the sequence of channels as you prefer.

1. Select **Settings** → **Radio** → **Configure FM Radio** or **Configure Digital Radio** → **ATSC** → **Manage Programs**.
2. Select the channel you want to move.
3. Use   to move upward or downward until the selected channel moves to the desired location.



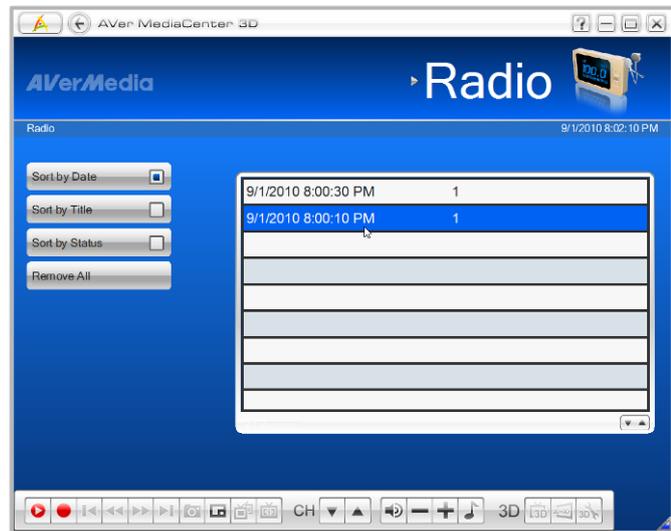
➤ Recording a Radio Program Directly

To record a program now:

When listening to the radio, select  to record a program immediately. To stop recording, select .

▶ Playing a Recorded Radio Program

1. Select **Radio** → **Recorded Files**.
2. All the recorded files are listed here.
3. You can view those files by date, title or status.
4. Choose the desired file.



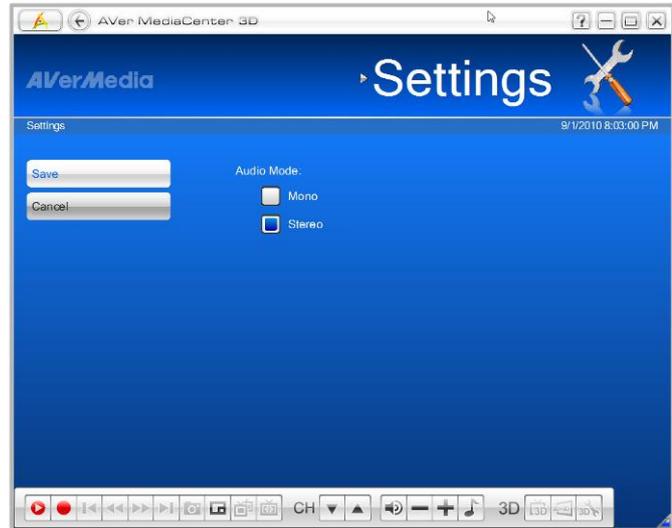
5. Select **Play**.
6. To temporarily pause the playback, select . To stop the playback, select .



▶ Setting the Audio Mode (Only Available for FM Radio)

The application will automatically set each FM radio channel to Mono or Stereo based on the audio mode of the FM radio signals received.

1. Select **Settings** → **Radio** → **Configure FM Radio** → **Manage Programs**.
2. Click on the channel. Select **Mono** or **Stereo** to get better audio quality.
3. Select **Save** to save the settings or select **Cancel** to abort without saving.



2.4 Video

With this function, you can view recorded programs or other video files.

▶ Playing Video Files

1. Select **Video**.
2. You may see some recorded video files are listed in the right-hand section of the screen. Or you can select **More Videos** to choose other folders.
3. Select the file you want.
4. Select  on the control panel to stop the playback and return to the live program. To pause the playback, press  on the remote control or select  on the control panel.



 **Note:** For playing and watching video files in 3D simulation, refer to **3DTV** in *Chapter 2*.

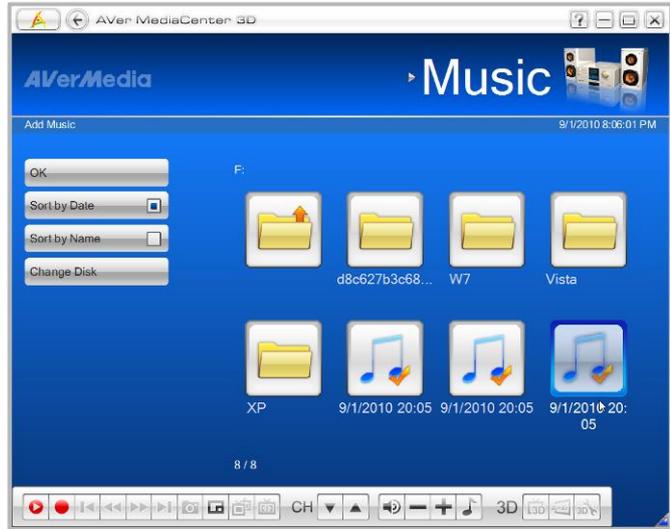
2.5 Music

You can create your music library and enjoy music with our AVerMedia Center 3D.

➤ Adding Music to your Playlist

Add your favorite music to AVerMedia Center 3D music playlist and then you can playback music from the playlist next time.

1. Select **Music** → **Add Music** and then select the desired folder.
2. Choose the tracks you wish to play. Press  on the remote control or **Space** button on your keyboard to confirm the selected file or folder.
3. Select **OK** to go back one level.



4. Then you can see the added files displayed in the right-hand section of the screen.
5. Use  to remove one track or select **Remove All** to delete all tracks in the playlist.



▶ Playing Music

To playback music:

1. Select **Music**.
2. Enable **Sequential** to play tracks in order or **Random** to shuffle the order.
3. To continue playing all the tracks, select **Loop** checkbox.
4. Use   to determine the order of the tracks in your playlist.



5. Then select  to start to listen to the music.
6. Use the following buttons to control your playback.

-  Advance the playback.
-  Rewind the playback.
-  Play the next track.
-  Play the previous track
-  Freeze the playback.
-  End the playback



2.6 Pictures

In this section, we introduce methods to view your pictures and play a slide show.

➤ Viewing the Captured Images

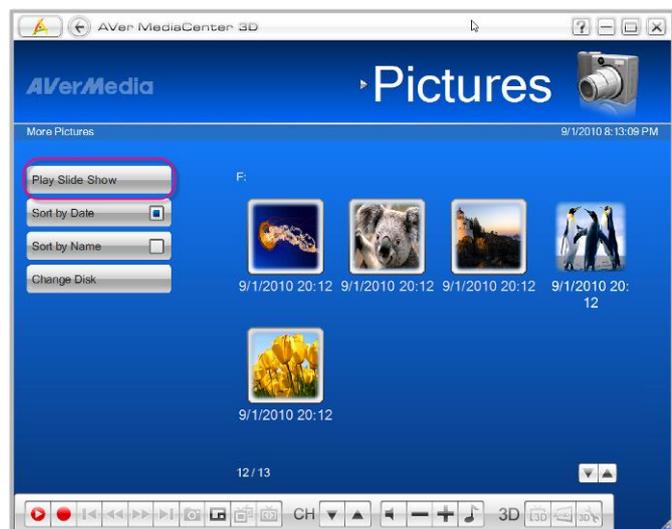
1. Select **Pictures**.
2. The captured thumbnails are displayed in the right-hand section.
3. By clicking on the thumbnails, you can view images in a full-screen window.
4. Select **More Pictures** to find the folder that contains the desired pictures if your images are not saved in the default folder.



Note: You can view thumbnails and enjoy live TV / radio or music at the same time.

➤ Playing Slide Show

1. Select **Pictures**.
2. Select **Play Slide Show** to start a slide show.
3. To stop the slide show and go back to the previous page, press the button .



Chapter 3

Advanced Operations

Beyond basic usage, what else you can do with AVerMedia Center 3D? In this chapter, we take you to the next level and explain the advanced features of this application.

| | |
|-------------|----|
| TV | 58 |
| Radio..... | 64 |
| Video | 67 |

3.1 TV

➤ Using Schedule Recording

You may need to record a program for some time in the future, first go to the **TV** page, select **Schedule Recording** and then select **New Schedule**.

1. Choose the appropriate device. For instance, if you want to record digital TV program, you should choose the device that can receive digital signals.
2. Type the desired name for the recording in the **Schedule Name** text box.
3. From the **Task** drop-down list, select **Active TV Application** to tune into the desired channel. You can also select **Silent Recording** to perform background recording or select **Recording** to save a program for future viewing.
4. In the **After Recording Mode** option, it automatically switches to the selected power control mode when the scheduled recording is completed. Choose an appropriate power control status listed below:



5. Next, determine the signal source and channel.
6. In the **Task Period**, you can set the schedule once or on a daily/weekly basis.



7. Determine the file format and recording duration.
8. This application lets you divide the recording files into parts for burning onto removable optical media, such as CD (650 MB) and DVD (4096 MB) discs. Select 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 select **Customize** to assign the file size you want.
9. Finally, choose the destination folder to save the recorded file.
10. Select **Save** to save the settings or select **Cancel** to abort without saving.



☑ Note:

1. Before establishing a schedule, please make sure that your system time is correct.
2. While you are away from your desk, you can put your computer on **Stand By** or **Hibernate** mode.

When it comes to your set time, your computer will come out of **Stand By** or **Hibernate** mode and start to execute the scheduled recording. For details about configuring the power options, please refer to the documentation that came with your operating system.

➤ Using TimeShift

The TimeShift function performs background recording of a program and lets you return to any part of the recorded program. At the same time, the live 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 again.

1. Select **TV**.
2. On this page, you can select **TimeShift**, press  on the remote control or select  on the control panel. Then on the upper-right corner of the main screen displays the background recording time and the current-show time.
3. Select  to move backward in fixed intervals until reaching the part where you left off.
4. To advance forward and skip some parts of the recording, select  to move forward in fixed intervals.
5. To temporarily pause the playback, press  on the remote control or choose  on the control panel. To resume, select .
6. To return to the real-time program, select . This switches off the TimeShift function and returns you to the live program.

Note: The application will create a temporarily recorded file when the TimeShift function is being performed for a program. This file will be removed when you select .

➤ Switching Between TV and External Video

If the device you use has external signals, you can watch video from an external source such as a VCR or camcorder:

1. Select **TV**.
2. From the drop-down list, choose the type of video source.



➤ Multi-Program Display (Only Available for Digital TV)

In the digital terrestrial field, a single channel (frequency) is able to carry more than one TV program at the same time. That's why usually there are only a few active channels found, but many programs are listed. This section tells you how to watch different programs that are under the same frequency (channel) simultaneously.

1. Select **TV**.
2. On this page, use  from the control panel. You can see TV icons in the upper-right corner of the screen. In this case, three TV icons appearing means under the same frequency, there are three different programs.
3. You can choose TV icons to switch between different programs.



4. To display all available TV signals simultaneously, select **Live**.
5. Select  repeatedly to switch between Fullscreen mode, PIP mode and PBP mode (as shown on the right).
6. To switch and listen to the sound of another TV signal, simply use the arrow button $\leftarrow \rightarrow$ to select the PIP/PBP screen.



(Fullscreen Mode)



(PIP Mode)



(PBP Mode)

7. Under PIP mode, to change the size of the PIP screen, first press  on the remote control. Then use   to shrink the image or use   to enlarge the image. To exit the PIP-sizing mode, press  again.



3.2 Radio

➤ Using Schedule Recording

You may need to record a program for some time in the future, first go to the **Radio** page, select **Schedule Recording** and then select **New Schedule**.

1. Choose the appropriate device. For instance, if you want to record digital radio program, you should choose the device that can receive digital signals.
2. Type the desired name in the **Schedule Name** text box.
3. From the **Task** drop-down list, select **Active TV Application** to tune into the desired channel. You can also select **Silent Recording** to perform background recording or select **Recording** to save a program for future listening.
4. In the **After Recording Mode** option, it automatically switches to the selected power control mode when the scheduled recording is completed. Choose an appropriate power control status listed below:



5. Next, determine the signal source and channel.
6. In the **Task Period**, you can set the schedule once or on a daily/weekly basis.



7. Determine the file format and recording duration.
8. This application lets you divide the recording files into parts for burning onto removable optical media, such as CD (650 MB) and DVD (4096 MB) discs. Select 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 select **Customize** to assign the file size you want.
9. Finally, choose the destination folder to save the recorded file.
10. Select **Save** to save the settings or select **Cancel** to abort without saving.



Note:

1. Before establishing a schedule, please make sure that your system time is correct.
2. While you are away from your desk, you can put your computer on **Stand By** or **Hibernate** mode.

When it comes to your set time, your computer will come out of **Stand By** or **Hibernate** mode and start to execute the scheduled recording. For details about configuring the power options, please refer to the documentation that came with your operating system.

➤ Using TimeShift

You can use the TimeShift function to perform background recording of a radio program or even replay it.

To start the TimeShift Function:

1. Select **Radio**.
2. Choose the desired channel to go to the next page.
3. On this page, you can select Radio TimeShift, press  on the remote control or select  on the control panel. Then on the upper-right corner of the main screen displays the background recording time and the current-show time.
4. Select  to move backward in fixed intervals until reaching the part where you left off.
5. To advance forward and skip some parts of the recording, select  to move forward in fixed intervals.
6. To temporarily pause the playback, press  or  on the remote control. To resume, select .
7. To return to the real-time program, select . This switches off the TimeShift function and returns you to the live program.



Note: The application will create a temporarily recorded file when the **TimeShift** function is being performed for a program. This file will be removed when you select .

3.3 Video

➤ Picture-in-Picture(PIP) / Picture-by-Picture(PBP) Display

With the PIP/PBP feature, you are able to playback recorded video files, and at the same time, watch live TV.

1. Select **Video**.
2. On this page, choose the desired file.
Or select **More Videos** to find other video files.
3. When playing the video file, press  on the remote control or use  on the control panel to enable the PIP function.
4. Select  or  repeatedly to switch between Fullscreen mode, PIP mode, and PBP mode (as shown on the right).
5. By default, the playback recorded video is displayed on the main screen, and live TV is on the PIP/PBP screen.
6. To switch and listen to the sound of live TV, simply use the arrow button ← → to select the PIP/PBP screen.
7. Meanwhile, the control buttons on the screen may vary depending on the selected screen mode.



(Fullscreen Mode)



(PIP Mode)



(PBP Mode)

8. Under PIP mode, to change the size of the PIP screen, first press  on the remote control. Then use   to shrink the image or use   to enlarge the image. To exit the PIP-sizing mode, press  again.



Chapter 4

More Settings

Before scanning channels, recording programs, or capturing images, check the settings page to see if they meet your needs. With our explanation in this chapter, you can easily customize all the settings of AVerMedia Center 3D.

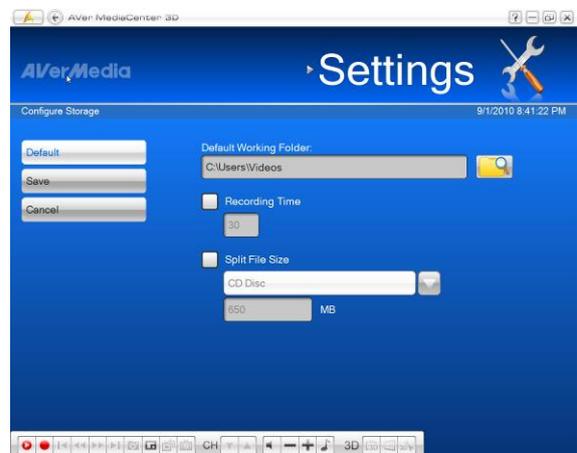
| | |
|-------------------------------|-----------|
| General Settings..... | 70 |
| TV Settings | 74 |
| FM Radio Settings..... | 79 |
| Video Settings | 81 |
| Picture Settings..... | 82 |
| About | 83 |

4.1 General Settings

Here you can select the destination folder for saving recorded files, determine recording time and file size, assign a number of images you want to capture, setting the Windows power options, etc.

➤ Configure Storage

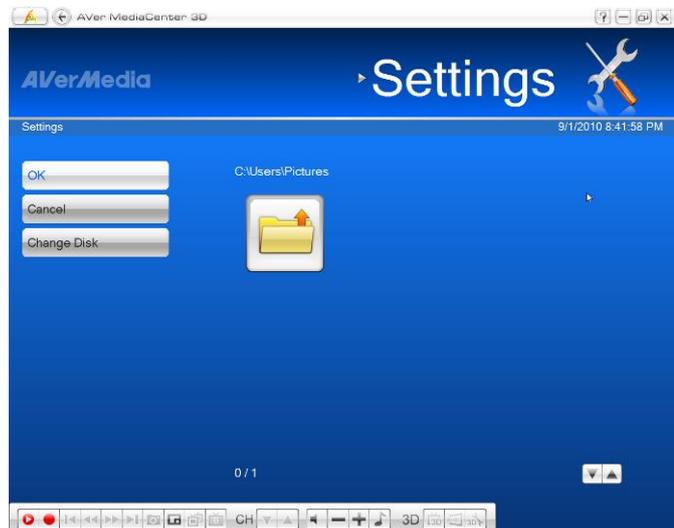
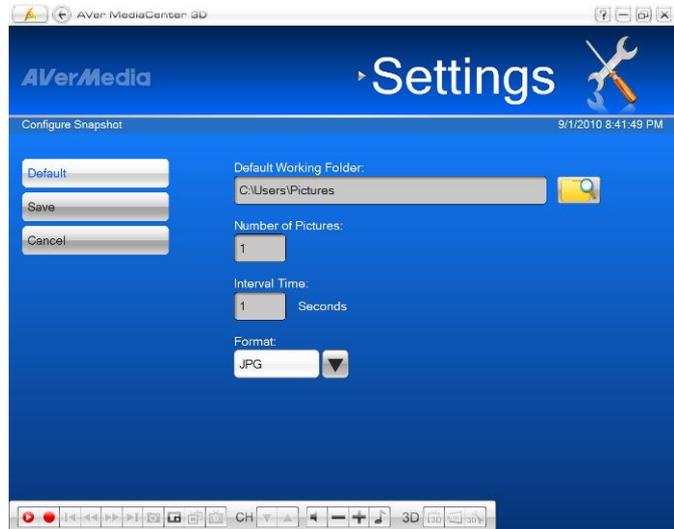
1. Select **Settings** → **General** → **Configure Storage**.
2. Use the default folder for saving the recorded files
3. Or select  to look for your desired folder.
4. On the next page, you can use  to go up one level to find other folders or select **Change Disk** to choose other hard drives.
5. Then Choose **OK** to confirm the selection.
6. Determine the length of recording time otherwise, the system will record the largest clip that your hard drive can accommodate.
7. This application lets you divide the recording files into parts for burning onto removable optical media, such as **CD Disc** (650 MB) and **DVD Disc** (4096 MB) discs. Select the **Split File Size** checkbox and choose the appropriate video file size from the drop-down list so that each video file will not exceed the limit. Or you can select **Customize** to assign the file size you want.



8. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.

➤ Configure Snapshot

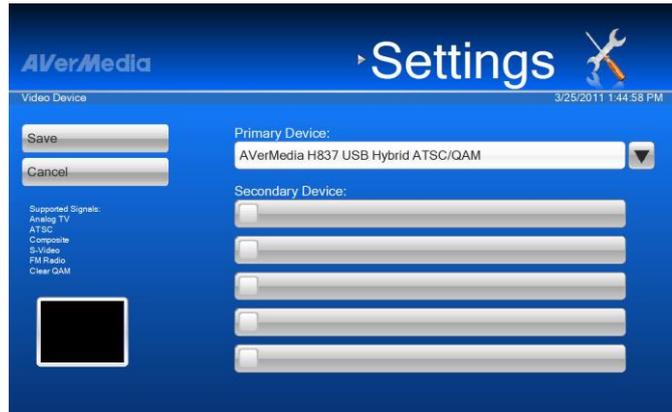
1. Select **Settings** → **General** → **Configure Snapshot**.
2. In the **Number of Pictures** box, assign the number of images that you want to capture.
3. In the **Interval Time** box, specify the interval between captures. For instance, if you specify 10 seconds, an image will be captured every 10 seconds.
4. Choose the format you want for saving the captured images.
5. Use the default folder for saving images.
6. Or select  to look for your desired folder.
7. On the next page, you can use  to go up one level to find other folders or select **Change Disk** to choose other hard drives.
8. Choose **OK** to confirm your selection.
9. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



➤ Video Device (Only Available for Multi-Card / Dual Tuner Series Users)

If you install two or more devices in your computer, for example, AVerTV GO 007 Plus (M15C) and AVerTV Hybrid+FM Cardbus (E506R), you need to determine which device you want to use for watching TV, listening to the radio and other multimedia functions. For dual tuner series users, you also need to determine which tuner you want to use for watching TV.

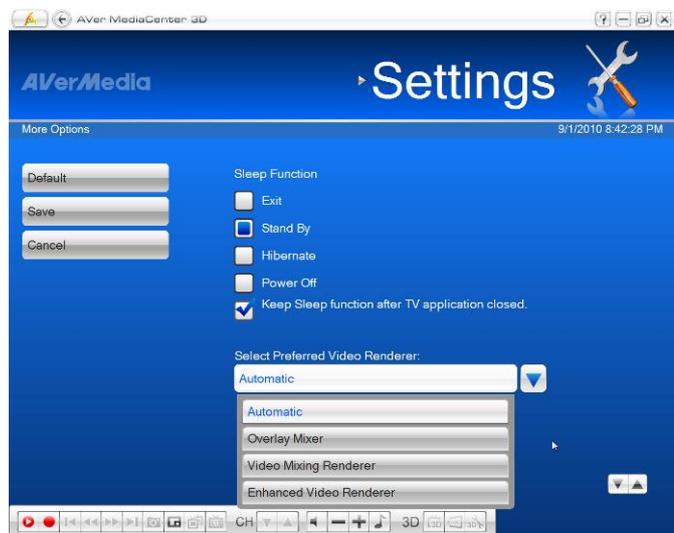
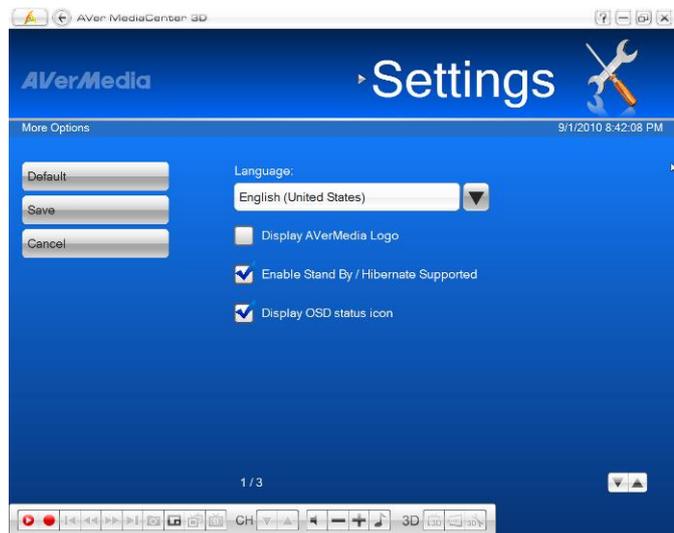
1. Select **Settings** → **General** → **Video Device**.
2. Choose the primary device from the drop-down list.
3. To use **Multi-Channel Display** function, you need to select the secondary devices. (For more details on this function, refer to **Multi-Channel Display** in chapter 3)
4. Select **Save** to save the settings or select **Cancel** to abort without saving.
5. To find out if your AVerMedia product supports multi-card feature, please refer to AVerMedia's website.



➤ More Options

This page allows you to set the power mode. Then you can put your computer on Stand By, Hibernate or other modes while you are away from the computer.

1. Select **Settings** → **General** → **More Options**.
2. You can select the UI language you want from the **Language** drop-down list.
3. Select **Display AVerMedia Logo** checkbox to show AVerMedia Logo on the upper left corner of the TV screen.
4. By default, the system is set to select **Enable Stand By / Hibernate Support**.
5. In the second page, determine the sleep function and choose the desired power-saving settings, including **Exit**, **Stand By**, **Hibernate**, and **Power Off**.
6. Select the **Keep Sleep function after TV application closed** checkbox to enable the function.
7. Select the preferred video renderer from the drop-down list.
8. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



☑ Note:

1. If your computer has a problem with being out of Stand By or Hibernate mode, clear the **Enable Stand By / Hibernate Support** option.

4.2 TV Settings

All TV setting tips are included in this section.

➤ **Configure Analog TV / Configure Digital TV → ATSC** (only for Configure Digital TV) ➔ **Configure TV Signal**

1. Select **Settings → TV → Configure Analog TV** or **Configure Digital TV → ATSC → Configure TV Signal**.
2. If you choose **Configure Analog TV** in step 1, you need to determine the signal type: Antenna or Cable. (If the country you choose in Chapter 1.6 is USA or Canada, you can determine the signal type: Antenna, Cable-Standard, and Cable-HRC.)
3. To apply the Overscan function to all channels at a time, first select the **Apply All** checkbox.
4. Specify an appropriate number (0~20) to get the better quality.
5. Select **Save** to save the settings or select **Cancel** to abort without saving.



➤ Configure Analog TV / Configure Digital TV ➔ ATSC (only for Configure Digital TV) ➔ Manage Programs

1. Select **Settings ➔ TV ➔ Configure Analog TV** or **Configure Digital TV ➔ ATSC ➔ Manage Programs**.
2. Choose the desired channel.
3. If you choose “Configure Analog TV” in step 1 and there are two or more TV systems in your area, try to select other TV system standard when the channel display looks abnormal.
4. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.
5. Under this menu (Manage Program), you can also scan channels, determine the channel name, change the channel order, adjust the color of the display, and so on. For details, refer to *Chapter 2*.



➤ Configure Analog TV ➔ Configure Timeshift

1. Select **Settings ➔ TV ➔ Configure Analog TV ➔ Configure Timeshift**.
2. Choose **Normal** or **Good** video quality for timeshifting. (The default option may vary depending on the level of your CPU. For CPU of Intel® Pentium D, AMD Athlon 64x2 or above, “Good” is chosen by default. Otherwise, “Normal” is set as the default option.)
3. Select **Save** to save the settings or select **Cancel** to abort without saving.



➤ **Configure Analog TV / Configure Digital TV ➔ ATSC** (only for Configure Digital TV) ➔ **Configure Color Adjustment**

1. Select **Settings ➔ TV ➔ Configure Analog TV** or **Configure Digital TV ➔ ATSC ➔ Configure Color Adjustment**.
2. Then use   to adjust the **Brightness, Contrast, Hue, Saturation, and Sharpness** until the image color is accurate.
3. To adjust the color of all channels at a time, select **Apply All** checkbox.
4. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



Note: For digital TV, if all items (Brightness, Contrast, Hue, Saturation, Sharpness) can't be adjusted, try to update VGA driver. (Available only for x32 bit edition)

➤ More TV Options

1. Select **Settings** → **TV** → **More TV Options**.
2. Make sure that your country or region is correct if you cannot get any channels after scanning.
3. If you connect to an external video device, you need to select the correct video standard.
4. Select **Save** to save the settings or select **Cancel** to abort without saving.



➤ Configure Closed Captions

1. Select **Settings** → **TV** → **Closed Caption**.
2. Select the correct type of analog or digital closed caption.
3. Click **Advance** to customize the Font Size, Font Style, Foreground Color, Background Color, Foreground Opacity, Background Opacity, Edge Color, and Edge Type you prefer.



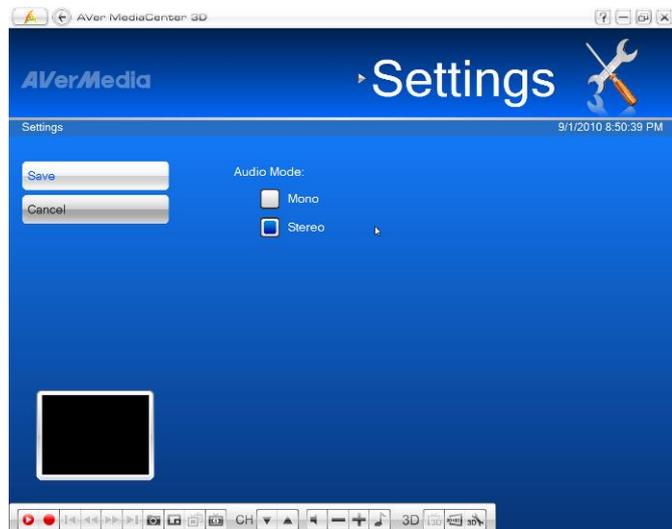
Note: To enable Closed Captions function, please right click on the screen and select **Closed Captions**.

4.3 Radio Settings

This section gives you more setting properties when you listening to the radio.

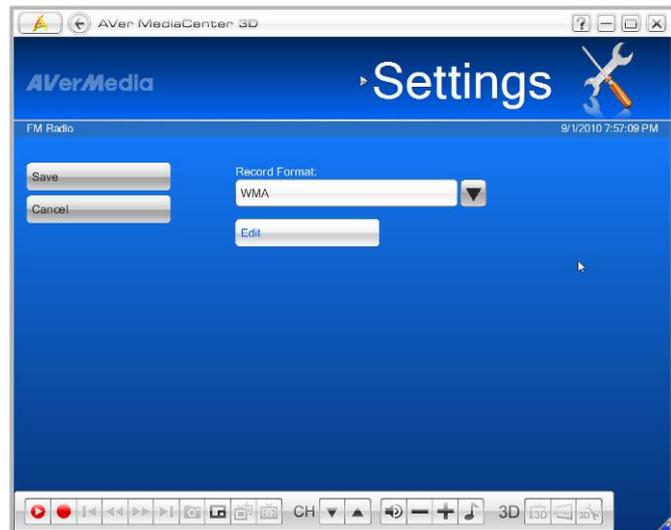
➤ Manage FM Radio Programs / Manage Digital Radio Programs

1. Select **Settings** → **Radio** → **Configure FM Radio** or **Configure Digital Radio** → **ATSC** → **Manage Programs**.
2. Select **All Frequency Scan** when there are channels missing from the channel memory. This may take you a while, please be patient.
3. To terminate scanning, select **Stop**.
4. If you choose **Configure FM Radio** in step 1, select the desired channel to go to the next page.
5. You can change the audio mode of a stereo FM radio signal. Select **Mono** or **Stereo** to get better audio quality.
6. Select **Save** to save the settings or select **Cancel** to abort without saving.



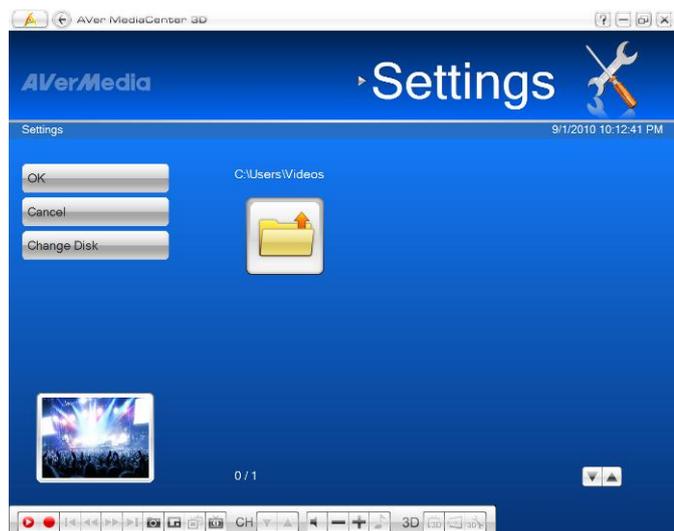
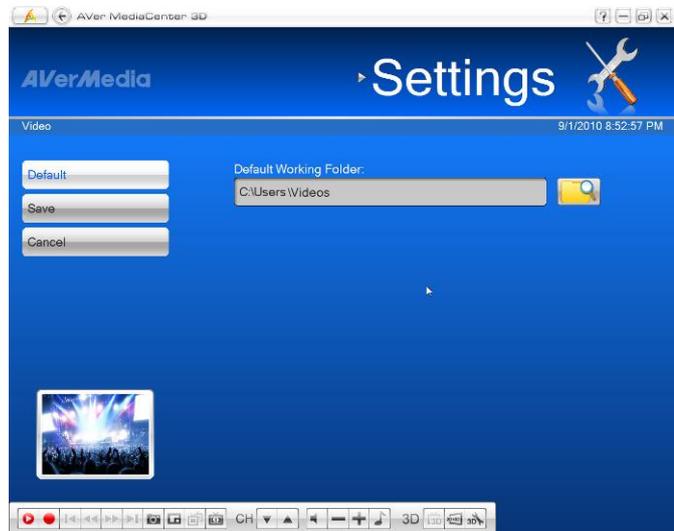
➤ Configure FM Radio Recording / Configure Digital Radio Recordings

1. Select **Settings** → **Radio** → **Configure FM Radio** or **Configure Digital Radio** → **ATSC** → **Configure Recording**.
2. Choose the record format from the drop-down list.
3. If you choose the **WMA** record format in step 2, you can click the **Edit** icon to choose the preferred type of Window Media formation.
4. Select **Save** to save the settings or select **Cancel** to abort without saving.



4.4 Video Settings

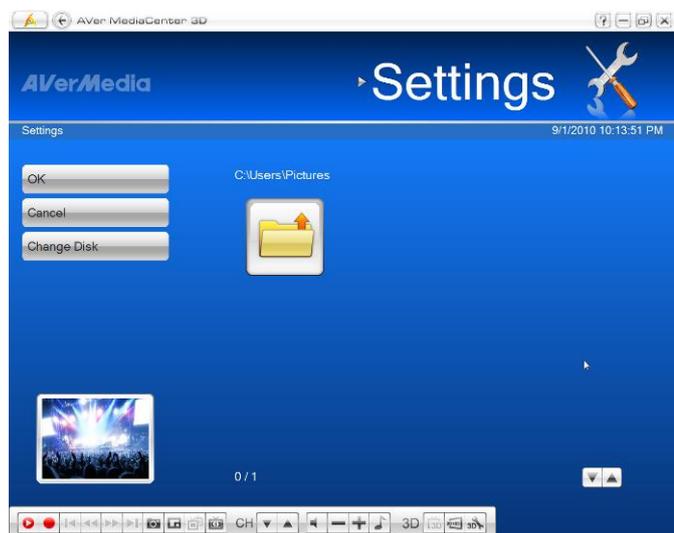
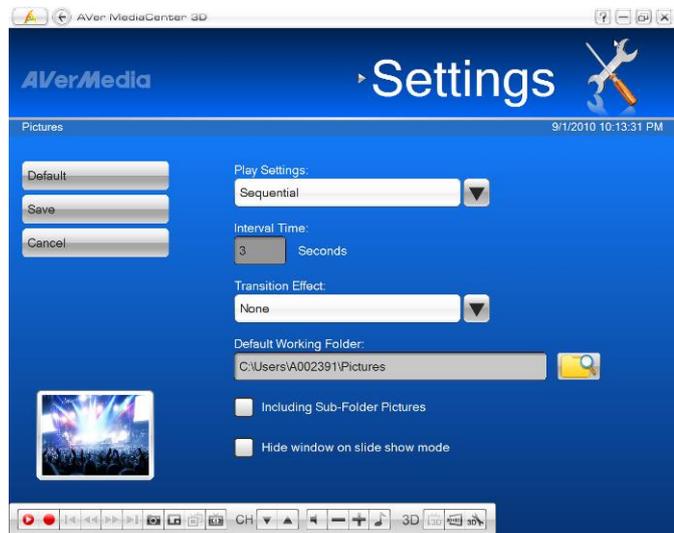
1. Select **Settings** → **Video**.
2. Use the default folder for saving the recorded video file.
3. Or select  to look for your desired folder.
4. On the next page, you can use  to go up one level to find other folders or select **Change Disk** to choose other hard drives.
5. Then Choose **OK** to confirm your selection.
6. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



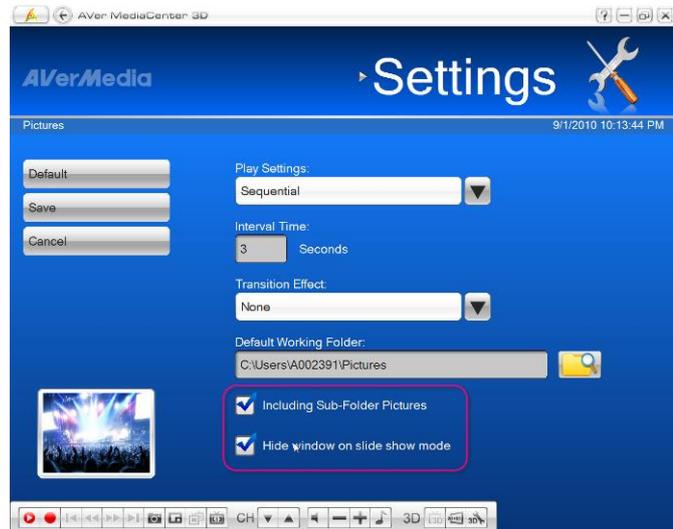
4.5 Picture Settings

Before you start playing a slide show, first check its settings to see if they fit your needs.

1. Select **Settings** → **Picture**.
2. From the **Play Settings** drop-down list, select **Sequential** to play a slide show in order or select **Random** to shuffle the order.
3. Type a value in the **Interval Time** text box to determine how long you want to display each picture.
4. Select a transition from the **Transition Effect** drop-down list.
5. Select  to look for your desired folder.
6. On the next page, you can use  to go up one level to find other folders or select **Change Disk** to choose other hard drives.
7. Choose **OK** to confirm your selection.



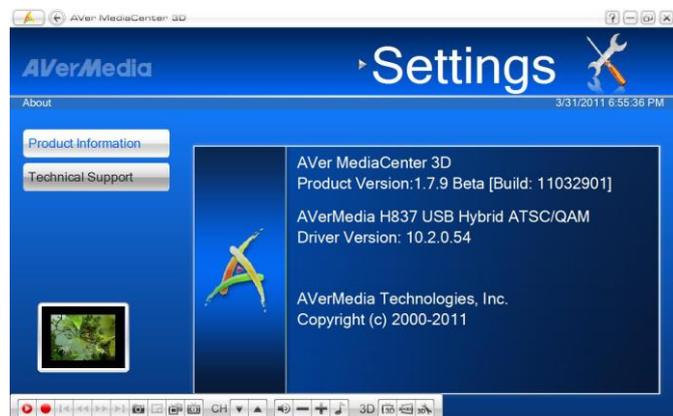
8. To create a slide show using all pictures in the current folder and subfolder, select **Including Sub-Folder Pictures** checkbox.
9. Select the **Hide window on slide show mode** checkbox to view pictures without video windows.
10. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



4.6 About

The AVerTV application provides a convenient tool, which allows users to ask questions via AVerMedia's website easily.

1. Select **Settings** → **About**.
2. Make sure you have access to the Internet and then click **Product Information** to access the product information webpage. Or you can click **Technical Support** to connect to our technical support webpage.
3. On our web page, please enter your product version and driver version so that we can solve your problem efficiently.





Appendix

More tips and explanations are included in this chapter.

| | |
|---------------------------------------|----|
| Hot Keys | 85 |
| Glossary | 86 |
| Video Gaming Plug-in | 88 |
| Video Quality Enhancement Plug-in ... | 89 |
| AVerRadio Gadget | 91 |

▶ Hot Keys

| Hot Keys | Description |
|--------------------------|--|
| Up/Down/Left/Right arrow | Move up, down, left or right to select the desired item. |
| Tab | Move to next item. |
| Numeric keys | Use NUMERIC KEYS to directly enter the TV/Radio channel number. |
| Space | Confirm the selected tracks or folders when under the main menu -Music . |
| Page Up/Down | Channel Up / Channel Down |
| F1 | Open the user manual. |
| F8 | Turn off / on the sound. |
| F9 | Volume Down |
| F10 | Volume Up |
| Back | Back to the previous page |
| Ctrl + A | Choose between available audio modes. |
| Ctrl + Shift + A | Change aspect ratio |
| Ctrl + D | Display the channel number. |
| Ctrl + Shift + D | Move backward in intervals. |
| Ctrl + E | A shortcut to your main menu-- "Video". |
| Ctrl + F | A shortcut to your main menu-- "Radio" |
| Ctrl + Shift + F | Skip forward in intervals. |
| Ctrl + G | View EPG information. |
| Ctrl + I | A shortcut to your main menu-- "Pictures" |
| Ctrl + M | A shortcut to your main menu-- "Music" |
| Ctrl + N | Capture an image or a continuous sequence of images. |
| Ctrl + Shift + N | Play next file in the playlist. |
| Ctrl + O | View the recorded file list. |
| Ctrl + P | Freeze the playback temporarily. |
| Ctrl + Shift + P | Play the selected file. |
| Ctrl + S | Stop the playback, recording, TimeShift, etc. |
| Ctrl + Shift + S | Enable the TimeShift function. |
| Ctrl + T | A shortcut to your main menu-- "TV" |
| Ctrl + Shift + T | Show TV/Video programs in full screen. |
| Alt + Home | Go to the main page of AVerMedia Center 3D |
| Ctrl + L | Go to the previously accessed TV/Radio channel. |
| Ctrl + R | Record the current program. |
| Ctrl + Shift + R | Play previous file in the playlist. |
| Alt + T | View Teletext information. |
| Alt + B | Jump to the Blue Teletext page. |
| Alt + G | Jump to the Green Teletext page. |
| Alt + R | Jump to the Red Teletext page. |
| Alt + Y | Jump to the Yellow Teletext page. |
| Alt + Shift + S | Set the time to put your computer on Stand By/Hibernate mode, exit the application or turn off the computer. |
| Alt + S | Turn on/off the PIP-sizing function. |
| Alt + P | Turn on/off the PIP-positioning function. |
| Alt + M | Activate the Picture in Picture function (PIP). |

➤ Glossary

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.

Aspect Ratio

Aspect ratio indicates the ratio of the width of an image to its height. The two most common household aspect ratios are 4:3 and 16:9.

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.

DxVA

DxVA stands for DirectX Video Acceleration, which is an application programming interface (API) defined by Microsoft. It allows decoders to accelerate video playback directly on the graphics processors instead of the main CPU. This means DxVA technology can reduce the CPU usage.

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.

Hibernate

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

iPod

A video format base on H.264 standard but has smaller video bit rate. It's an iPod -compatible format.

MPEG-1

Choose MPEG-1 format for video files that are intended for CD-ROM playback on a computer or for Internet transmission. MPEG-1 allows file compression and offers VHS quality picture. Just about every system available today can play MPEG-1 and does not need special software or hardware.

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.

PIP (Picture in Picture)

PIP allows you to view two or more video sources at the same time wherein the small inset screens overlaid on the main screen.

PBP (Picture by Picture)

PBP allows you to view two or more video sources side by side on a display so that all channels are visible.

Stand By

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

SVCD

When you choose this format, the recorded video file will be saved in MPEG-2 format that is compliant with SVCD standards. Standard SVCD frame size and frame rate are 480 x 480 pixels at 29.97 fps for NTSC and 480 x 576 at 25 fps for PAL.

VCD

When you choose this format, the recorded video file will be saved in MPEG-1 format that is compliant with VCD standards. Standard VCD frame size and frame rate are 352 x 240 pixels at 29.97 fps for NTSC and 352 x 288 pixels at 25 fps for PAL.

WAV

A common audio file format for Windows computers. It was created by Microsoft and has become a standard PC audio file format.

➤ Video Gaming Plug-in (for Windows 7 Media Center only)

“Video Gaming Plug-in” support is for Windows 7 Media Center 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 on Windows 7 Media Center platform. (Playing games on Windows Media Center may cause delay, but you can choose “Video Gaming Plug-in” to avoid it and enjoy real-time gameplay.)

1. Start the **Windows Media Center**.
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  to view images in a full-screen window. Press ESC to exit the full-screen mode.



➤ Video Quality Enhancement Plug-in (for Windows 7 Media Center only)

“Video Quality Enhancement Plug-in” support is for Windows 7 Media Center 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 **Windows Media Center**.
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.

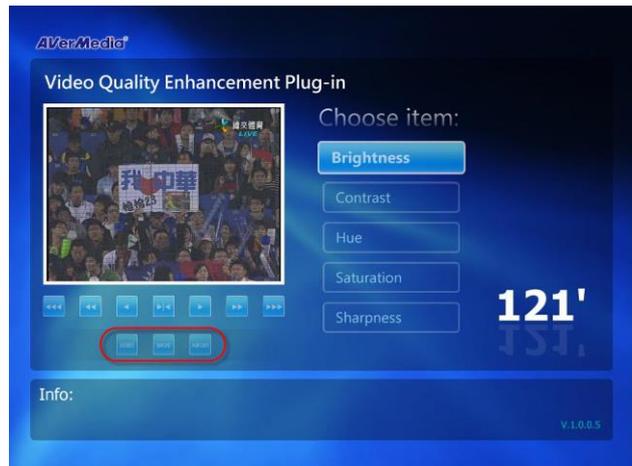
- 
 - Decrease Brightness and Hue values by 32.
 - Decrease Contrast and Saturation values by 16.
 - Decrease Sharpness value by 8.
- 
 - Decrease Brightness and Hue values by 16.
 - Decrease Contrast and Saturation values by 8.
 - Decrease Sharpness value by 4.
- 
 - Decrease the item value by 1.
- 
 - 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  to reset all items back to their default settings.

7. Or click  to save all the settings.

8. If you want to exit without saving, click .



➤ AVerRadio Gadget (for Windows 7 only)

AVerRadio is a Windows 7 Sidebar gadget allowing users to enjoy FM radio programs with AVerMedia's product. With quick access feature and an easy-to-use interface, AVerRadio provides users a user-friendly experience of listening to the radio without using up much computer resources.

Features:

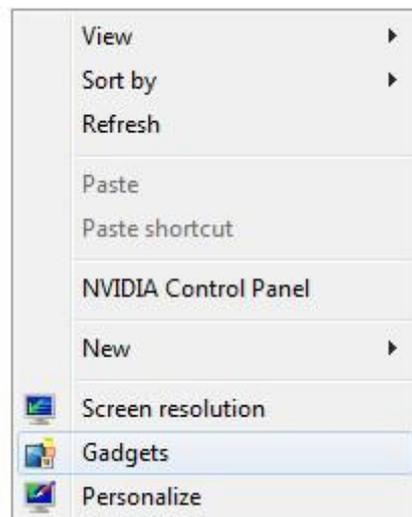
- Standalone from Media Center
- A quick switch to enable/disable
- FM support
- Channel seeking
- Mouse wheel tuning
- Radio frequency direct input
- 6 favorite channels memorized
- Multi and customizable skin

Activating the AVerRadio Gadget

After complete installation, AVerRadio is installed on your computer with AVerMedia Center 3D. You only need to activate this mini application to use it.

● For Windows 7 users

1. To run the application, right-click on the desktop, select **Gadgets**.



- The Gadget Gallery appears. Double-click on or drag the AVerRadio icon to the desktop.



Closing or Removing the AVerRadio Gadget from the Sidebar

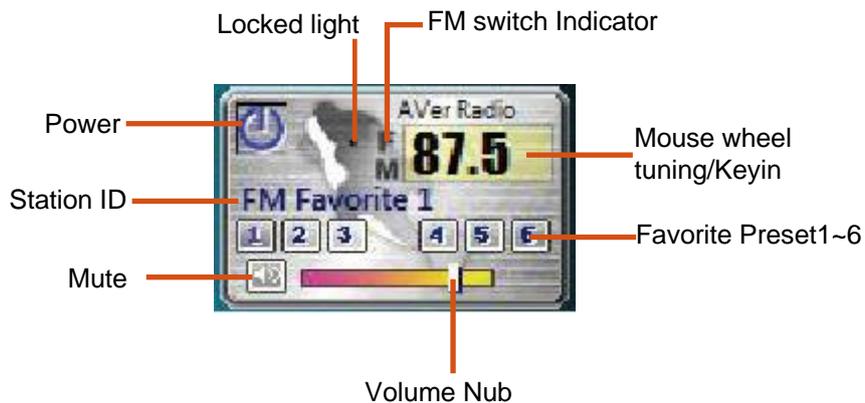
To close the application, click on **X (Close)** at the upper right corner of AVerRadio Gadget. Or right-click on the gadget and select **Close Gadget**.



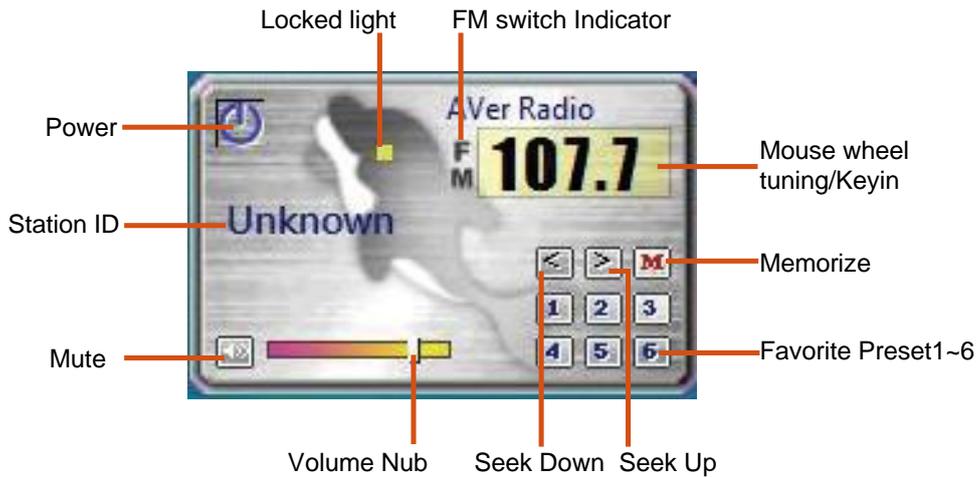
Panel Introduction

In Windows 7, the AVerRadio is by default activated in Smaller Size Mode. Put mouse over the AVerRadio and select **Larger Size**  to switch to the Larger Size Mode.

■ Dock / Smaller Size Mode:



■ **Undock / Larger Size Mode:**



Standby / Power-on Mode

Click the Power button  to switch between **Standby** and **Power on** mode.

Note: When switching to the **Power on** mode, "AVerRadio Gadget Conflict Notice" may appear notifying users the tuner is currently in use by AVerRadio, so Windows Media Center cannot use the tuner simultaneously. To listening to the radio with AVerRadio, click **OK**; otherwise, click **Cancel** to abort.

● **Standby Mode:**

In Standby Mode, the tuner is not in use and can be used by Windows Media Center.

1. Press **Options**  button to configure the settings.



2. In the configuration window, you can select the **Gadget skin**, or enter the channel name you like. If you have multi-device, you can also select it from this window.



Gadget Skin:



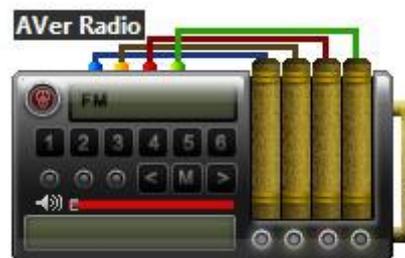
Dolphin



Baseball



Classic



TNT

- **Power-on Mode:**

In Power-On Mode, the tuner is in use and cannot be used by Windows Media Center.

You can use it to listen to the radio, seek a channel, adjust volume, and memorize up to six favorite channels.

Seeking a channel

Click  or  to scan lower or higher frequency (scan channel interval: 100 KHz) until a channel is scanned. You can also scroll your mouse wheel to turn radio frequencies or use the mouse to click the frequency window to enter a known frequency with the numeric keypad.

Adding favorite channels

If you like the channel you are listening, you can click  and then one of  ~  buttons to memorize the current channel as one of your favorites. Once memorized, you can click  ~  to quickly access your favorite channels.

Adjusting the volume

Click on the volume bar or drag the volume nub to adjust the volume. Click  to disable the sound.

www.avermedia.com