AVerTV 3D

Table of Contents

Disclaimer and Copyright 3
Disclaimer 3
Copyright and Trademark Information 3
Headquarters 3

Introduction 4

Interface Overview 5
[Analog] Activating AVerTV 3D for the First Time 5
[DVBS] Activating AVerTV 3D for the First Time 7
[DVBT] Activating AVerTV 3D for the First Time 10
[Hybrid] Activating AVerTV 3D for the First Time 13
TV Monitor 16
Control Panel 18

Basic Operations 21
[Analog] Watching TV 21
Scanning Channels 21
[DVBS] Watching TV 23
Scanning Channels for Satellite TV 23
[DVBT] Watching TV 27
Scanning Channels 27
[Hybrid] Watching TV 29
Scanning Channels 29
Adding a New Satellite 32
Adding a Frequency 36
Adjusting Volume 40

Selecting a TV Channel....41
Removing Unwanted Channels....42
Adding and Deleting Program List....44
Creating My Favorite Channel Lists....46
Changing Display Language....48
EPG (Electronic Program Guide)....50
Analog EPG....50
Digital EPG....53
[Analog] TimeShift....56
TimeShift Controls....56
Customizing TimeShift Settings....57
Using the TimeShift Function....58
Keeping Timeshift Files....59
[DTV] TimeShift....60
TimeShift Controls....60
Customizing TimeShift Settings....61
Using the TimeShift Function....63
Keeping Timeshift Files....64
[Hybrid] TimeShift....65
TimeShift Controls....65
Customizing TimeShift Settings....66
Using the TimeShift Function....66
Keeping Timeshift Files....68
Customizing TimeShift Video Quality Settings (Analog TV only)....68
Recording and Playback....69
Recording Controls....69
Recording Settings....70
Using the Recording Function....71
Playing a Recorded Program....71
Picture-in-Picture Display....73
Scheduler....75
Scheduler Controls....75
Adding Schedules....76
Radio....78
Radio Controls....78
Auto Scanning Radio Channels....79
Selecting a Radio Channel....81
Skipping Unwanted Radio Channels....82
Adjusting Radio Volume....82
Modifying a Radio Name....83
Adding and Deleting Radio Program Lists....84
Creating and Deleting Radio Channel Groups....85

Remote Control....87
Model: RM-HV....87
Model: RM-KS....90
Model: RM-KV....92

Model: RM-MM.....95
Model: Other 98

Customer Service 101

Disclaimer and Copyright

Disclaimer

All the screen shots in this documentation are example images only. 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.

Copyright and Trademark Information

© 2017 by AVerMedia Technologies, Inc. All rights reserved. No part of this publication, in whole or in part, maybe reproduced, transmitted, transcribed, altered or translated into any language in any form by any means without the written permission of AVerMedia Technologies, Inc. Information and specification contained in this manual are subject to change without notice and do not represent a commitment on the part of AVerMedia.
For more information, please refer to www.avermedia.com.
AVerMedia and AVerTV are trademarks or registered trademarks of AVerMedia Technologies, Inc. Other trademarks used herein for description purpose only belong to each of their companies.

Headquarters

Address: No.135, Jian 1st Rd., Zhonghe Dist., New Taipei City 23585, Taiwan
Website: solutions.avermedia.com
Support: Video.Solutions@avermedia.com
Telephone: +886-2-2226-3630

AP-6.9.1

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. You can get the most updated AP and driver from AVerMedia website: http://www.avermedia.com/avertv.

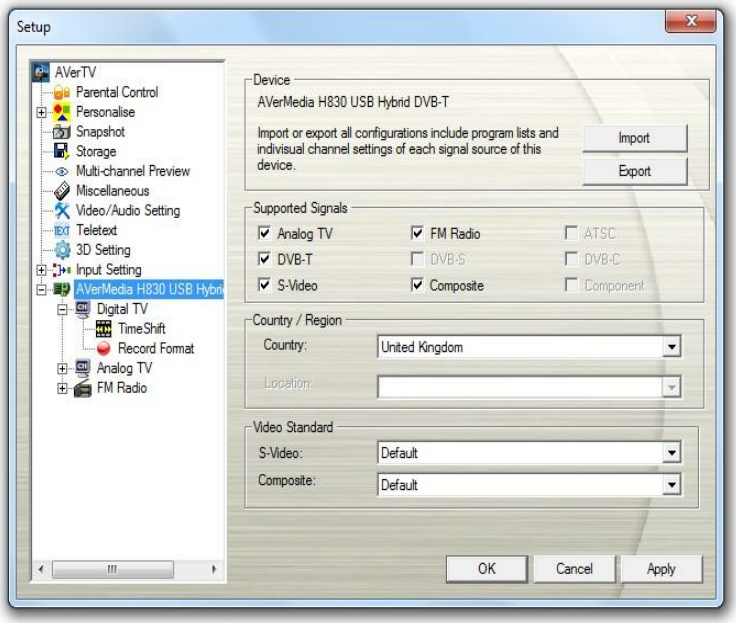
Interface Overview

[Analog] Activating AVerTV 3D for the First Time

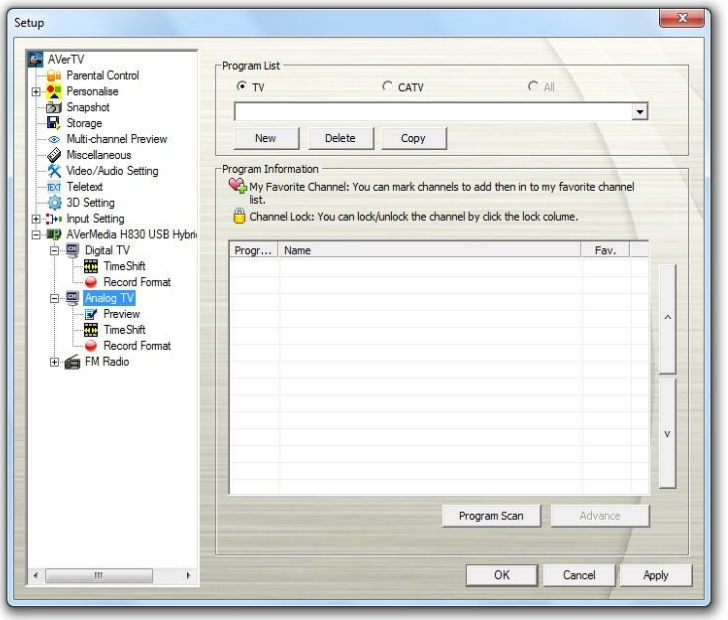
If this is your first time running the application, the **Setup** dialog box will appear to prompt you to scan for channels.

To scan channels

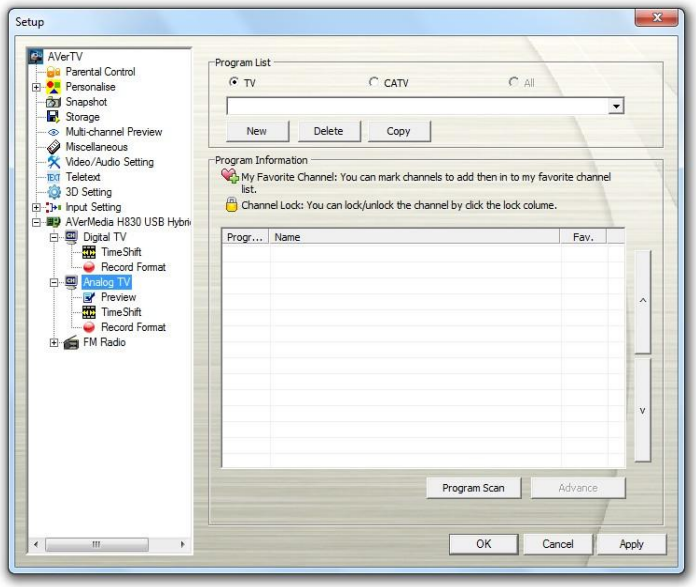
1. Select an available AVerMedia device in the left pane.
2. Select the correct **Country/Region**.



3. Select **Programs** on the left pane.
4. Before choosing the signal input, please make sure that your **Country/Region** is correct.

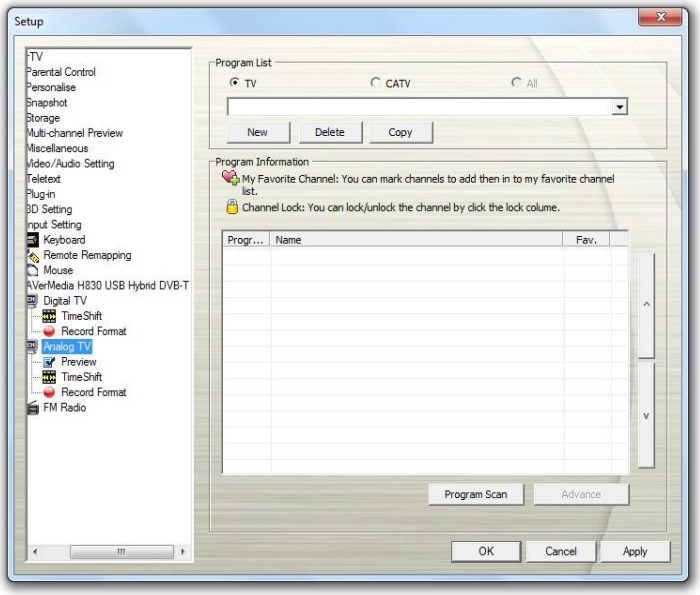


5. Select **TV**, **CATV**, or **All** from the **Program List** area.



6. Click **New** and the **Program List** dialog box appears. Type in the desired name and click **OK**.

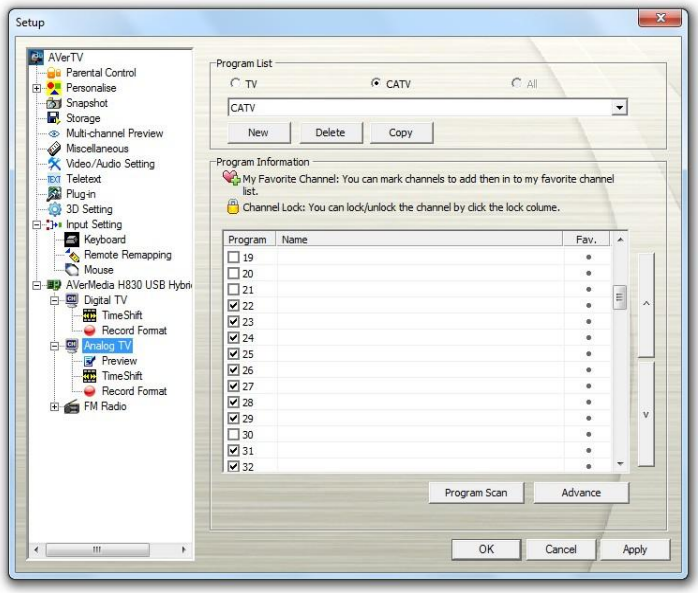
7. Click **Program Scan** to search for available channels/programs in your area.



8. After scanning, the active TV channels will be listed inside the box.

9. Click **Apply** to save the scanned channels.

10. Click **OK** to exit the current dialog box.



[DVBS] Activating AVerTV 3D for the First Time

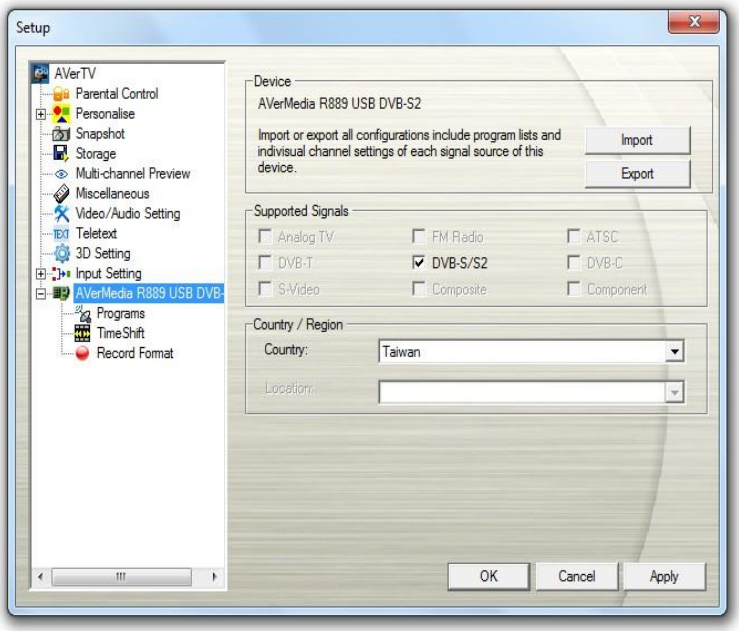
If this is your first time running the application, the **Setup** dialog box will appear to prompt you to scan for channels.

Before scanning Satellite TV channels, make sure you have all reqired devices well set up, including your satellite dish and related mounting kit, LNB, switch or/and motor, coaxial cable, etc.. Moreover, please have the required setting information at hand, including the LNB data (provided with your LNB) and, if needed, the information for the desired satellite and frequency.

To scan channels

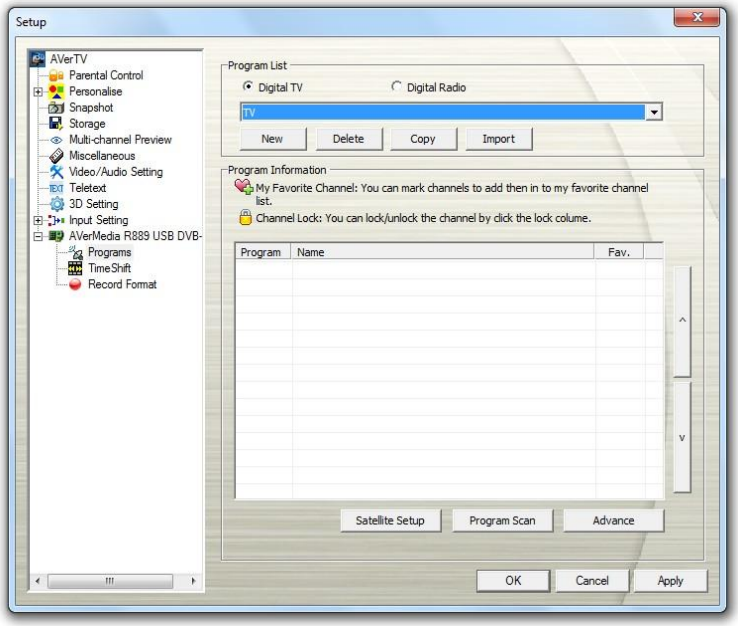
1. Select an available AVerMedia device in the left pane.

2. Select the correct **Country/Region**.



3. Select **Programs** on the left pane.

4. Before choosing the signal input, please make sure that your **Country/Region** is correct.



5. Select **Digital TV** or **Digital Radio** from the **Program List** area.

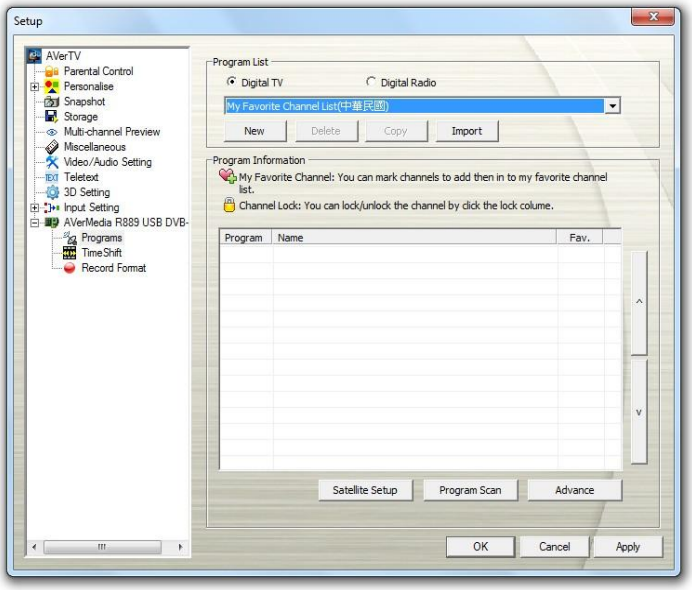
6. Click **New** and the **Program List** dialog box appears. Type in the desirable name and click **OK**.

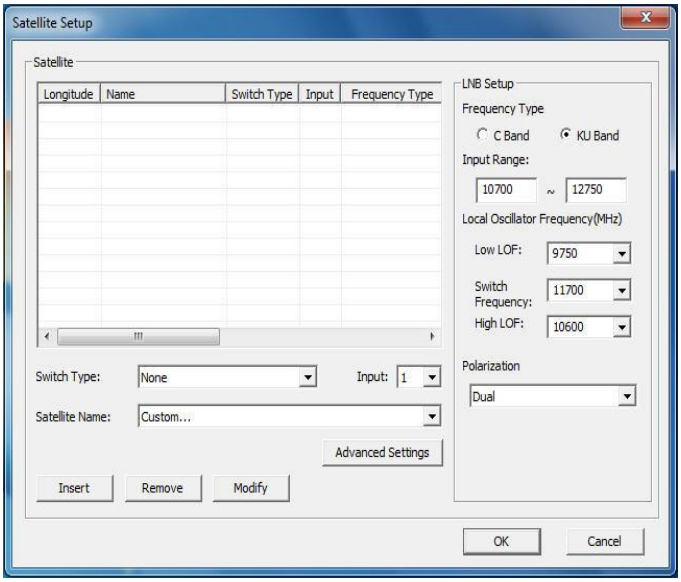
7. Click **Satellite Setup** to configure Satellite TV settings.

8. Configure the information of **Satellite Name** and **LNB Setup**. If you use a switch, select the **Switch Type** and **Input** port number; otherwise, ignore them. Then click **Insert**.

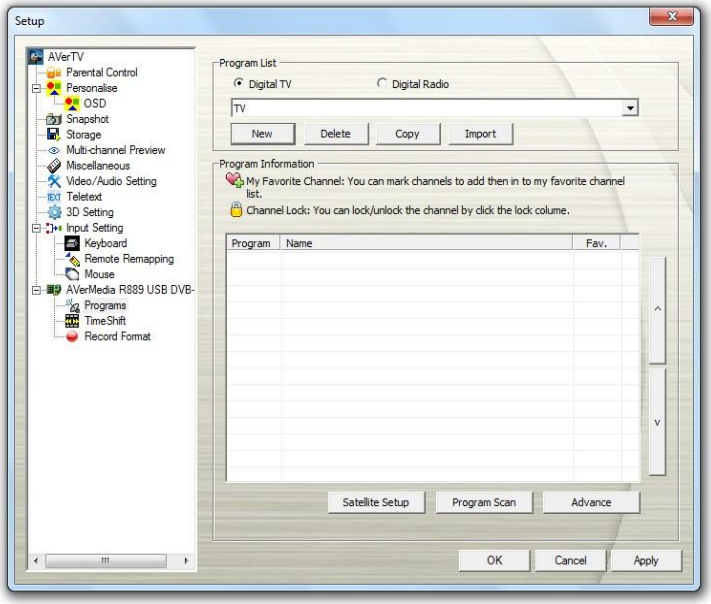
9. Repeat the previous step if you want to add more other satellites for channel scanning.

10. Click **OK**.





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

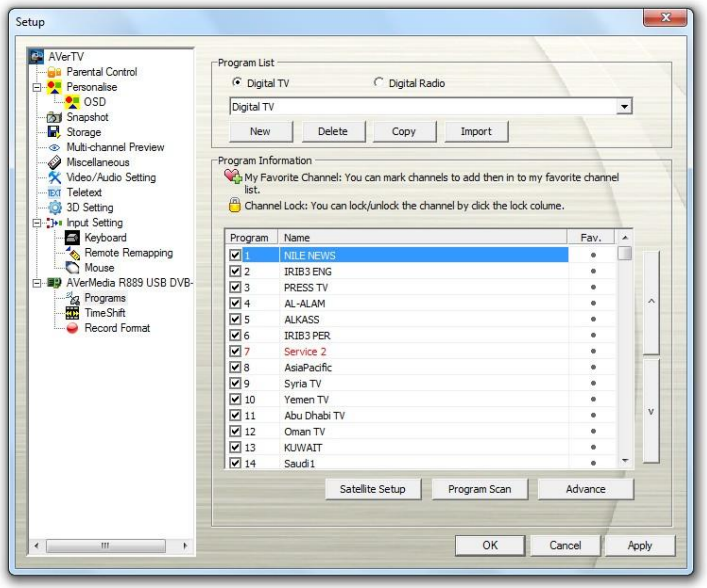


12. After scanning, the active TV channels will be listed inside the box.

13. Digital channels that are in red text indicate they are encrypted channels (e.g. pay TV channels).

14. Click **Apply** to save the scanned channels.

15. Click **OK** to exit the current dialog box.



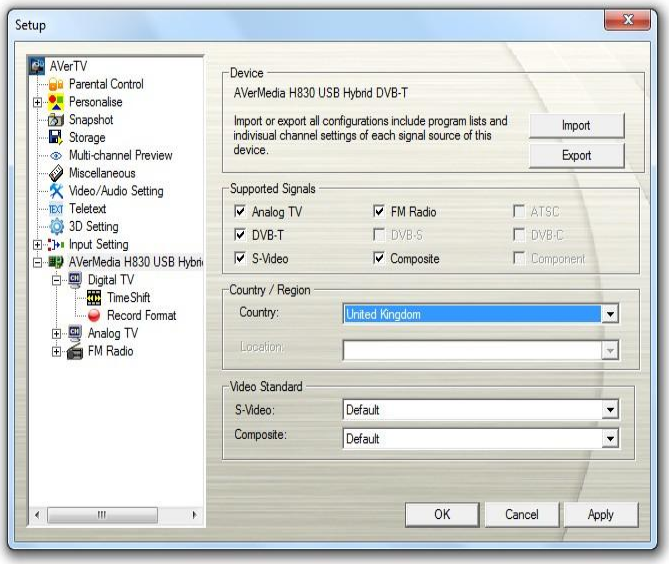
[DVBT] Activating AVerTV 3D for the First Time

If this is your first time running the application, the **Setup** dialog box will appear to prompt you to scan for channels.

To scan channels

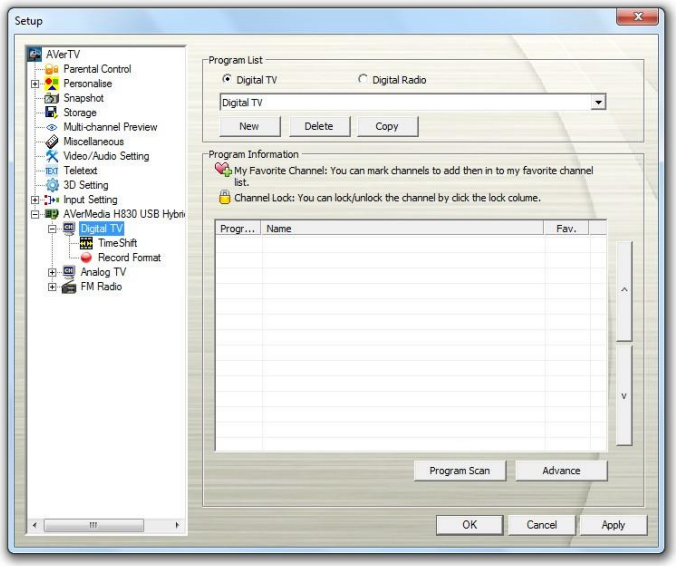
1. Select an available AVerMedia device in the left pane.

2. Select the correct **Country/Region**.

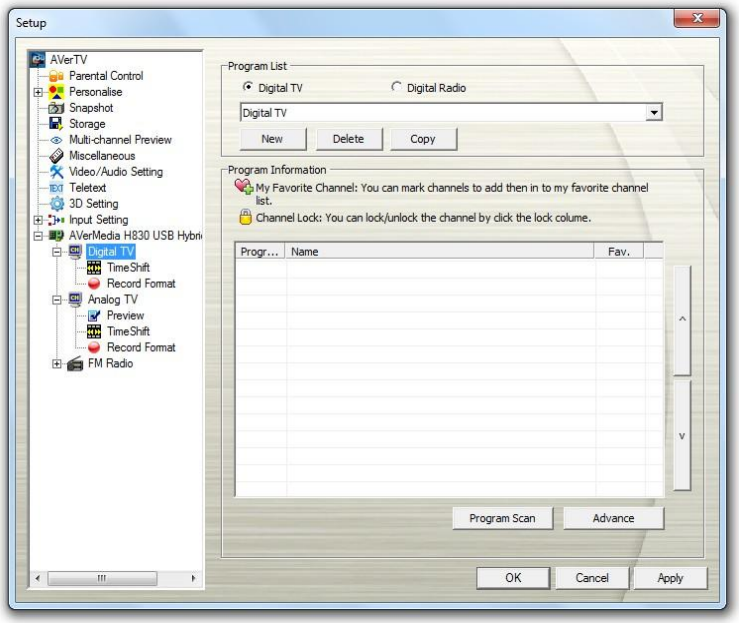


3. Select **Programs** on the left pane.

4. Before choosing the signal input, please make sure that your **Country/Region** is correct.

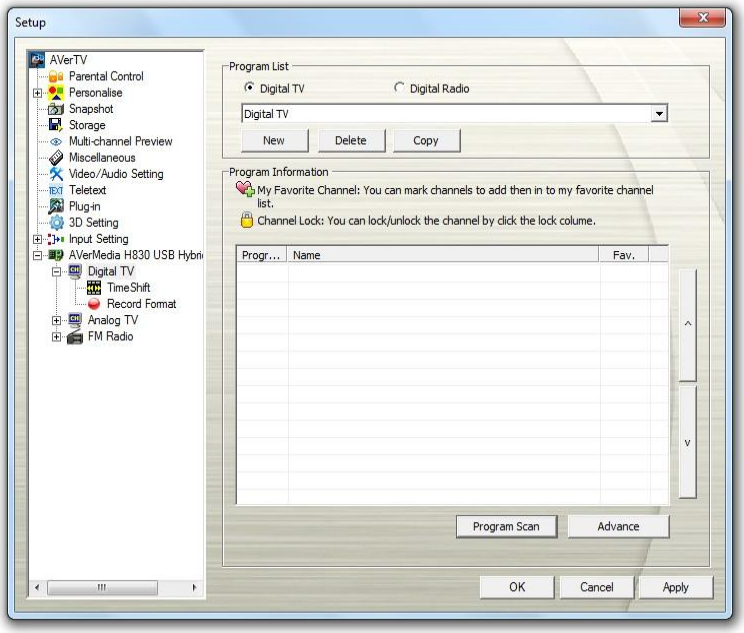


5. Select **Digital TV** or **Digital Radio** from the **Program List** area.



6. Click **New** and the **Program List** dialog box appears. Type in the desired name and click **OK**.

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

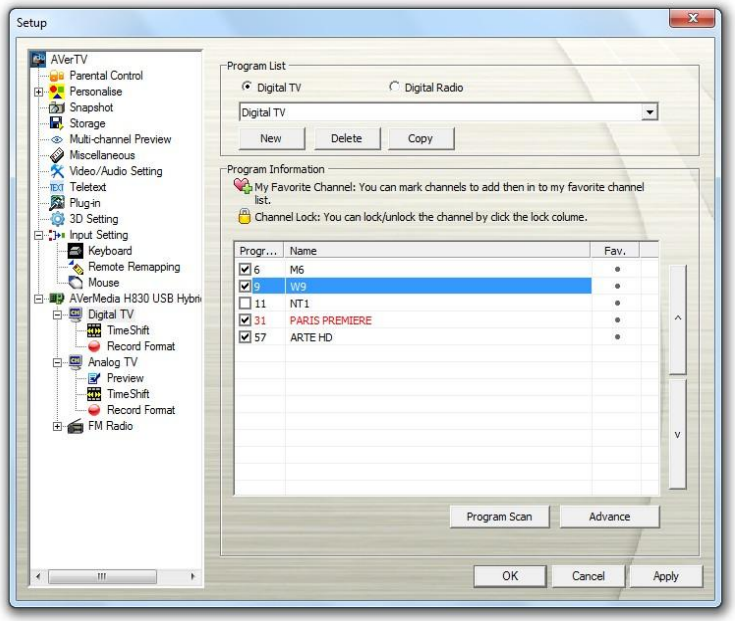


8. After scanning, the active TV channels will be listed inside the box.

9. Digital channels that are in red text indicate they are encrypted channels (e.g. pay TV channels).

10. Click **Apply** to save the scanned channels.

11. To exit the current dialog box, click **OK**.



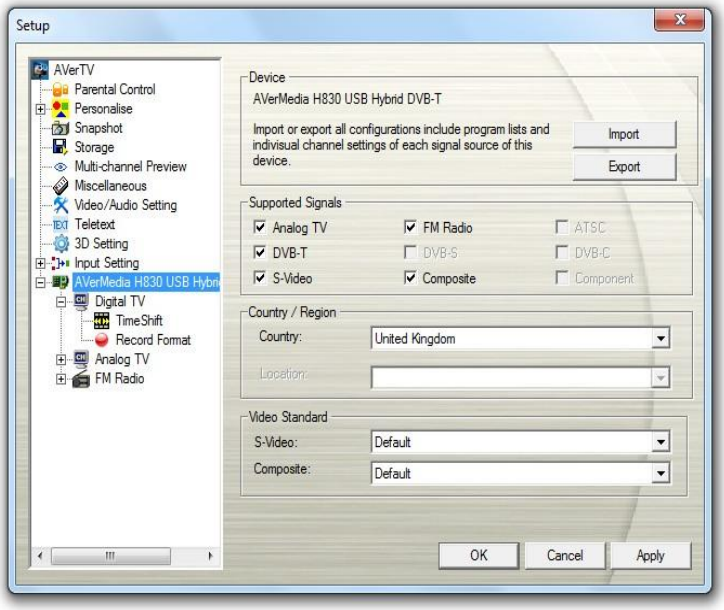
[Hybrid] Activating AVerTV 3D for the First Time

If this is your first time running the application, the **Setup** dialog box will appear to prompt you to scan for channels.

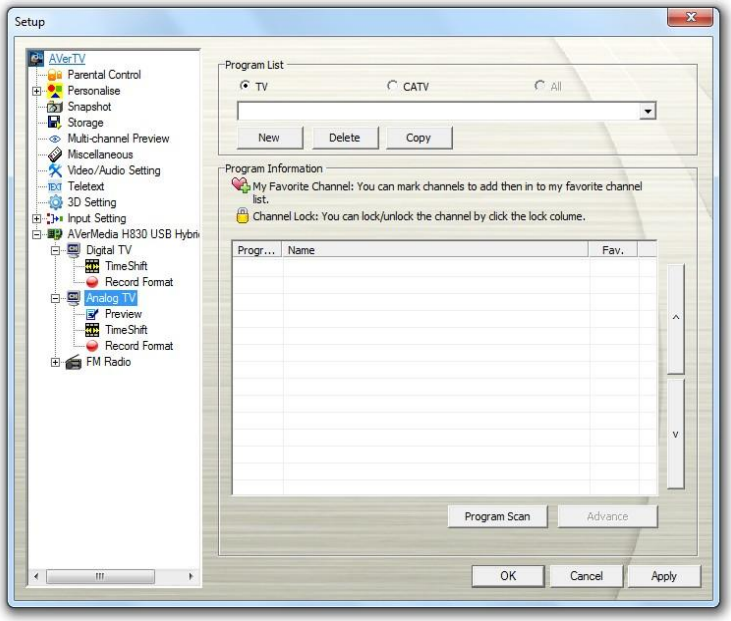
To scan channels

1. Select an available AVerMedia device in the left pane.

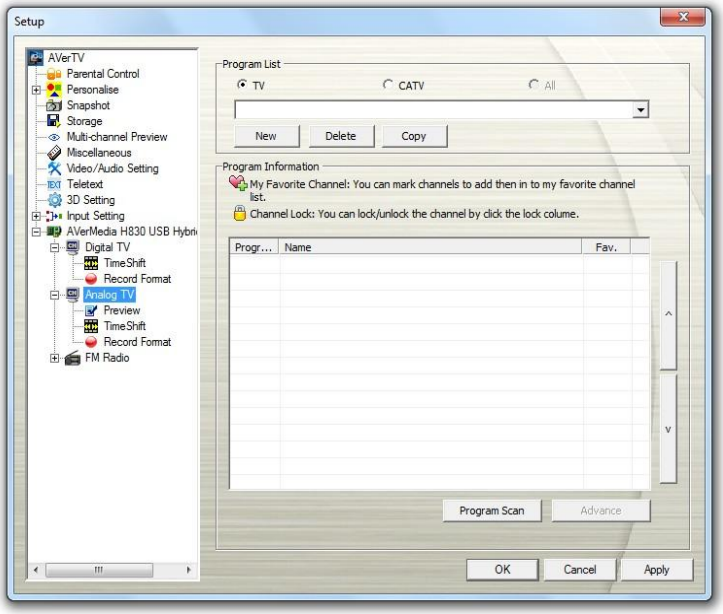
2. Select the correct **Country/Region**.



3. Select **Digital TV** or **Analog TV** on the left pane.
4. Before choosing the signal input, please make sure that your **Country/Region** is correct.

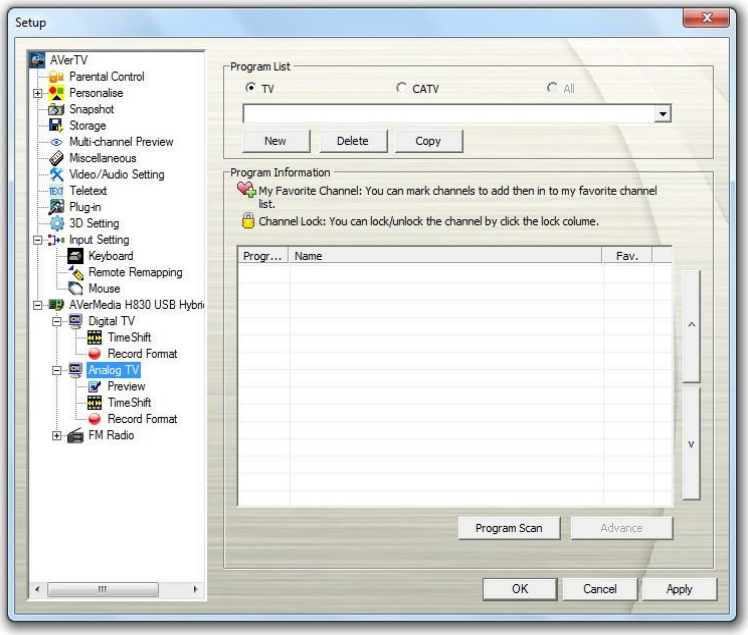


5. For digital TV, select the **Digital TV** option to search only for digital TV channel or select **Digital Radio** to scan for digital radio channels only. For analog TV, select **TV** to search only for air channels, **CATV** to scan for cable channels, or **All** from the **Program List** area.



6. Click **New** and the **Program List** dialog box appears. Type in the desired name and click **OK**.

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

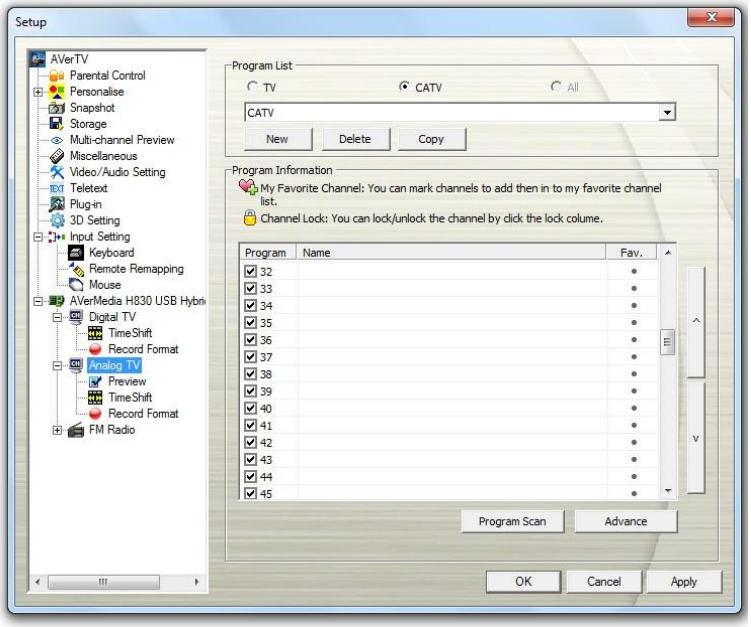


8. After scanning, the active TV channels will be listed inside the box.

9. Digital channels that are in red text indicate they are encrypted channels (e.g. pay TV channels).

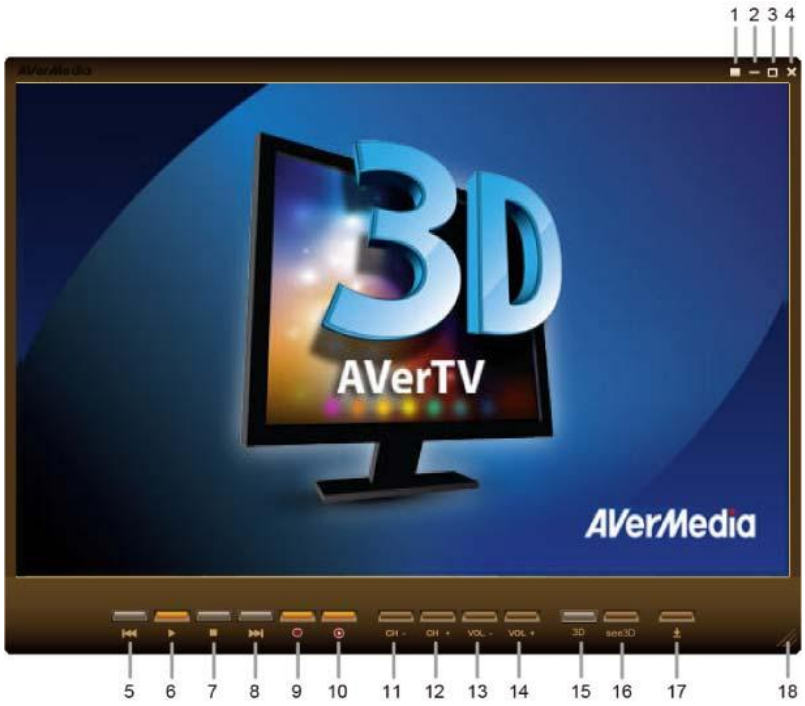
10. Click **Apply** to save the scanned channels.

11. Click **OK** to exit the current dialog box.



TV Monitor

The TV monitor allows you to watch live TV or video. The TV monitor in default simple mode only shows a few main buttons. Click and drag the **Resize Window** icon at the lower right corner of the TV monitor to enlarge it and see all buttons.



1	Show / Hide Video Frame	10	TimeShift
2	Minimize	11	Channel Down
3	Full Screen	12	Channel Up
4	Exit	13	Volume Down
5	Previous File	14	Volume Up
6	Play / Pause	15	Real 3D
7	Stop	16	see3D*
8	Next File	17	Panel On / Off

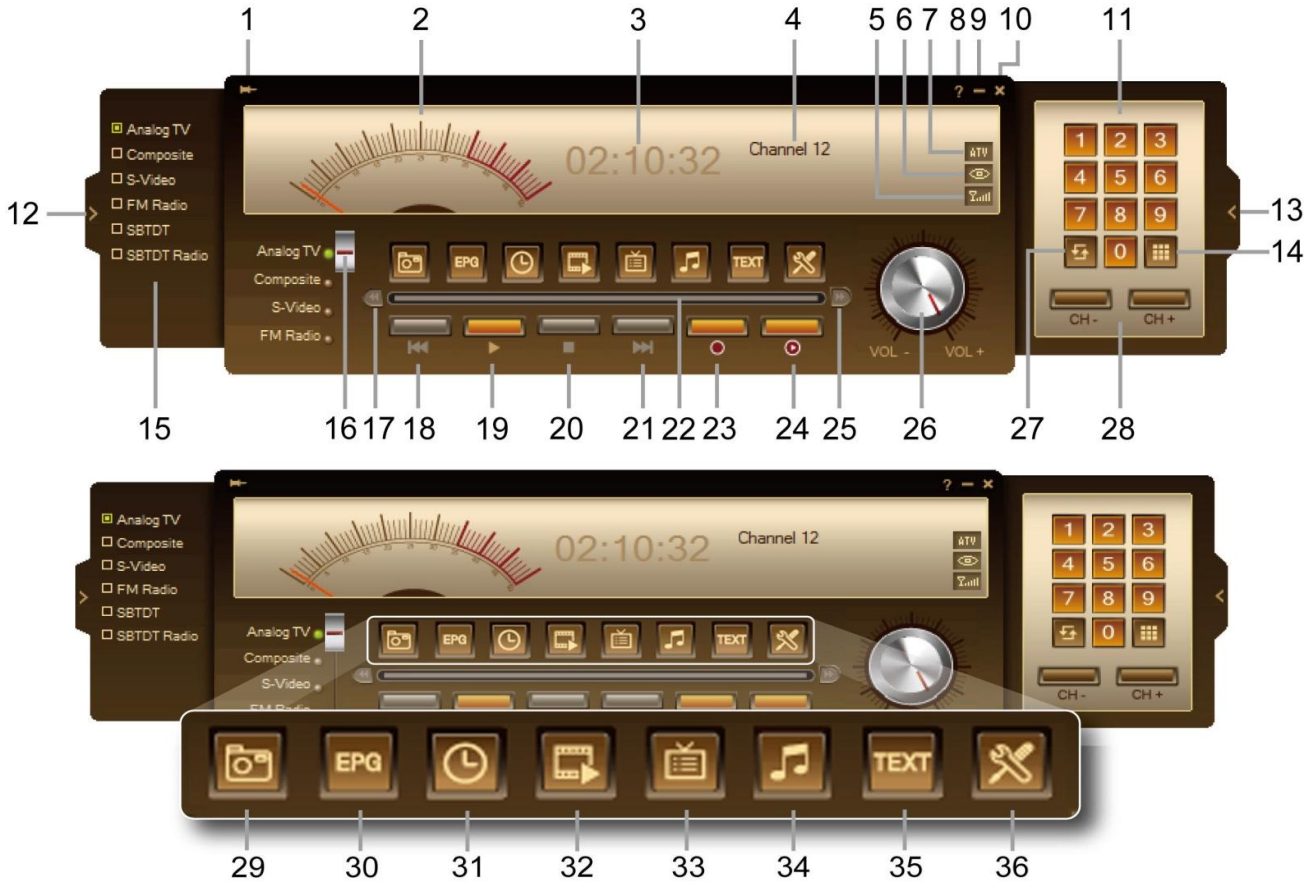
9	Record	18	Resize Window

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 right corner of the TV Monitor.

*The compatibility of see3D function varies by the model you purchase.

Control Panel



1.

	BUTTON	FUNCTION
1	Always on Top	Make the TV monitor float over the top of other program windows.
2	Spectrum Display	Display spectrum analysis by dashboard
3	Time Display	Display time
4	Channel Display	Display and switch channels. Right click on the channel display area of the control panel to select channels.
5	Signal Strength	Display signal strength.
6	Mode Display	Display the mode in use. Preview

		TimeShift Playback Record
7	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.
8	Help	View User's Manual.
9	Minimize	Minimize the control panel.
10	Exit	Exit the TV monitor.
11	Numeric Buttons	Select channels/programs.
12	Show/ Hide Source Panel	Toggle between displaying and hiding the source panel.
13	Show/ Hide Numeric Panel	Toggle between displaying and hiding the numeric panel.
14	Multi-Channel Preview	Display 4 ~ 64 consecutive TV channels on the TV Monitor window. (By default, 16 TV channels will be displayed.)
15	Signal Panel	Display all available sources of the device. Click to switch to the selected signal source.
16	Signal Switch	Display the latest used signal sources. Switch to select the signal source.
17	Backward	Move backwards
18	Previous File	Play the previous file in the playlist.
19	Play / Pause	Playback recorded video files. / Freeze the playback.
20	Stop	Stop the playback, recording, TimeShift, etc.
21	Next File	Play the next file in the playlist.

22	Playback Seek Slider	Drag the slider tab to move to any part of the recorded TV program.
23	Record	Record the current TV show.
24	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.
25	Forward	Skip forward
26	Volume Control	Increase/decrease the volume level.
27	Channel Loop	Return to previously accessed channel.
28	Channel Up/ Down	Switch to the previous or the next channel.
29	Snapshot	Capture a single image or a sequence of images.
30	EPG	View EPG information (digital TV/analog TV with available EPG data).
31	Scheduler	Display Scheduler dialog box.
32	Play List	Create a playlist of video files to playback.
33	Program List	Display the program list.
34	Audio Mode	Switch between available audio modes.
35	Teletext	View Teletext (PAL/SECAM) / Closed Caption (NTSC) information.
36	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.

Basic Operations

[Analog] Watching TV

To watch TV, please first make sure you select the correct Country/Region, and scan the channels. What you can watch depends on the product you purchase and the TV signals available from your local television service providers.

Scanning Channels

If you do not complete the channel scanning when you first run the application, please follow these steps to complete this procedure.

All the screen shots in this documentation are only example images. The images may vary depending on the product and software version.

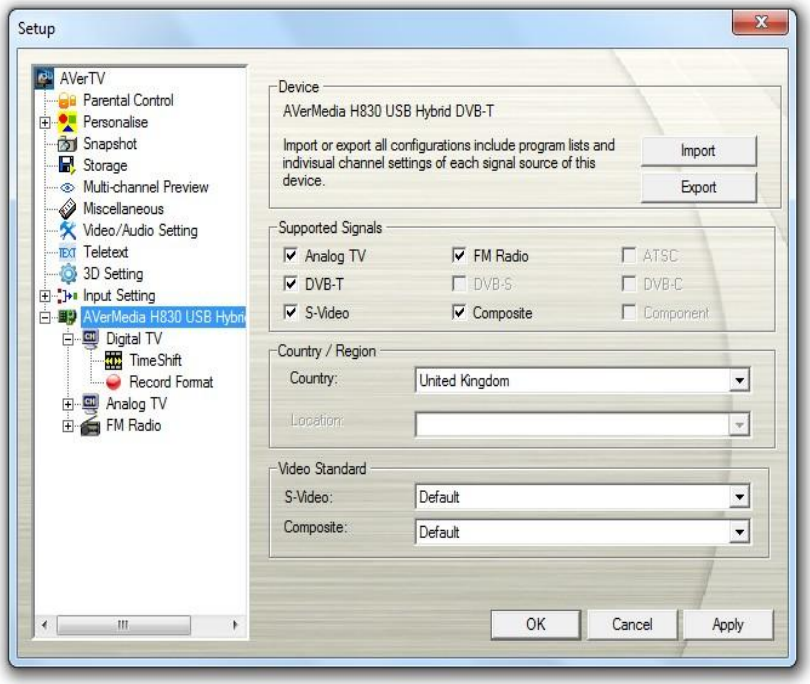
To scan channels

1. Click the **Setup** button on the control panel and select **Setup**. Choose an available AVerMedia device in the left pane (for example, AVerMedia H830).

   NOTE: Items in the left pane of the Setup page may vary depending on the product you purchase.

2. Select the correct **Country/Region** from the drop-down menu.

   NOTE: All supported signals of your product are listed in the **Supported Signals** area. Selected items may vary depending on the product.

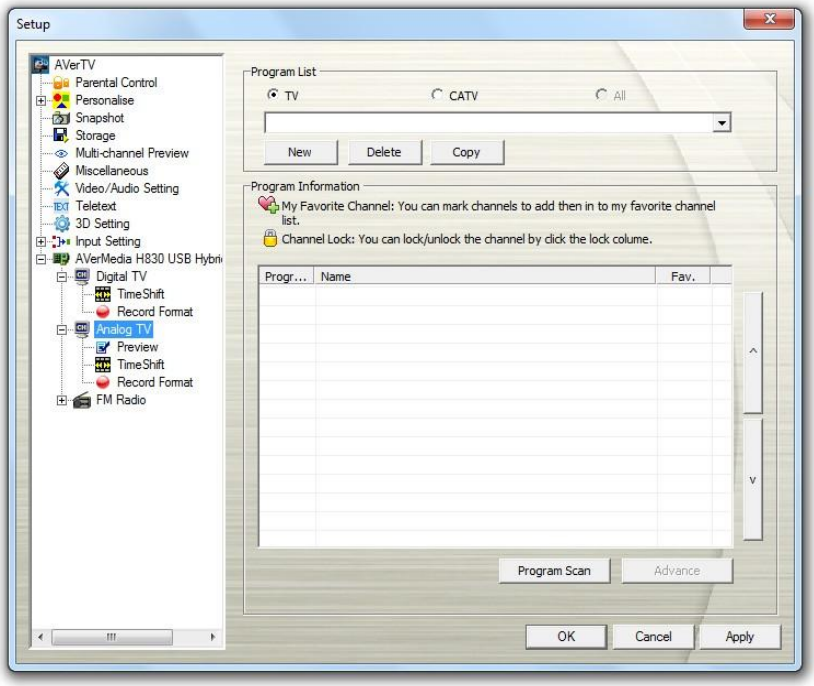


3. Select **Program** on the left pane.

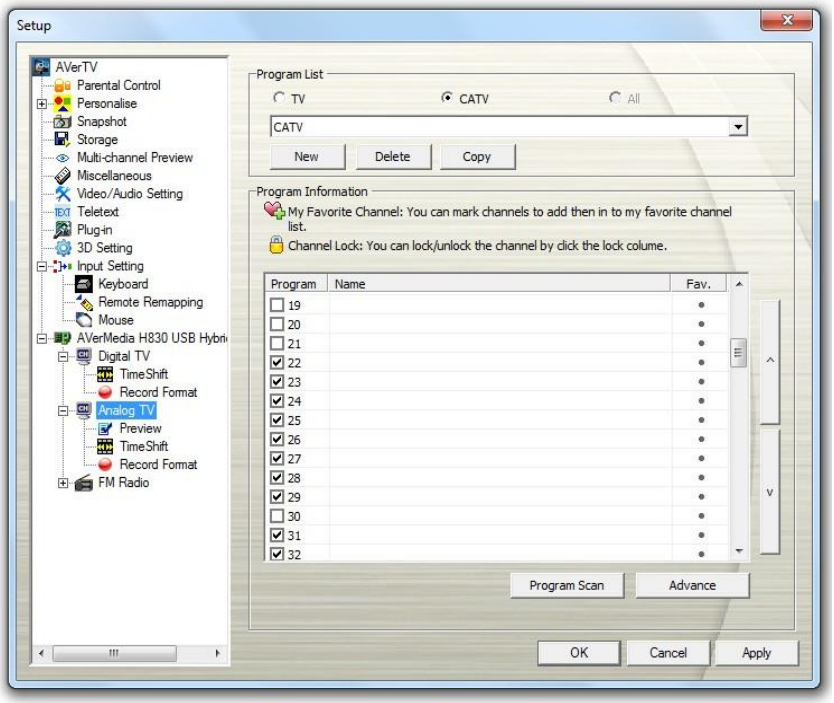
4. Select **TV** to search only for air channels, **CATV** to scan for cable channels, or **All** from the **Program List** area.

5. Click **New** and the **Program List** dialog box appears. Type in the desirable name and click **OK**.

6. 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**.



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



[DVBS] Watching TV

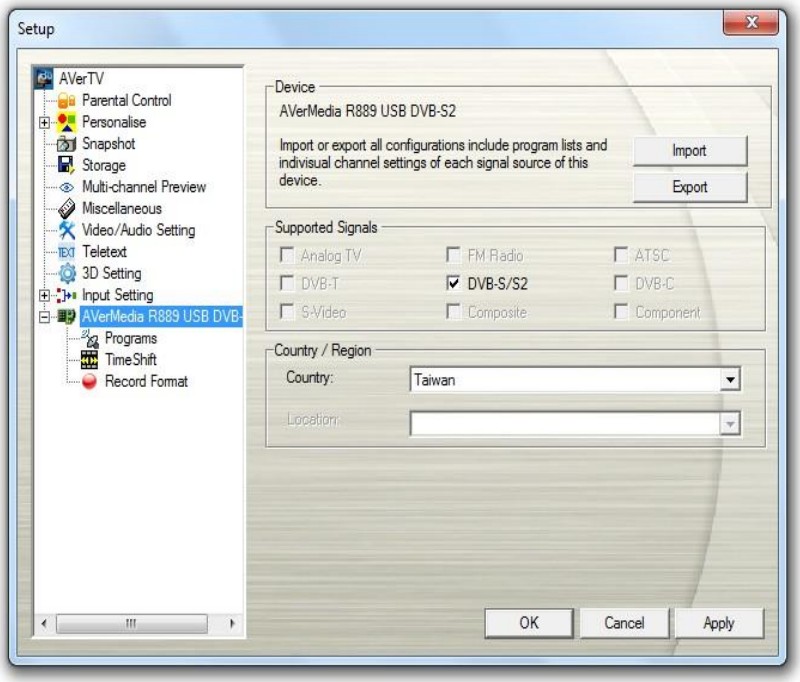
To watch TV, please first make sure you select the correct **Country/Region**, configure all the required setup steps for satellite TV, and scan the channels. What you can watch depends on the product you purchase and the TV signals available from your local television service providers.

Scanning Channels for Satellite TV

Before scanning Satellite TV channels, make sure you have all required devices well set up, including your satellite dish and related mounting kit, LNB, switch or/and motor, coaxial cable, etc.. Moreover, please have the required setting information at hand, including the LNB data (provided with your LNB) and, if needed, the information for the desired satellite and frequency.

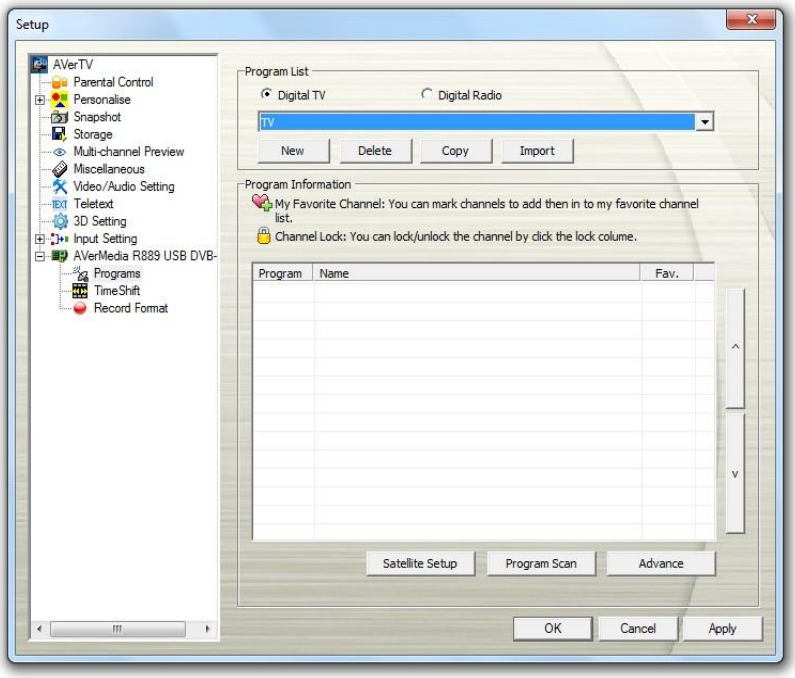
To scan channels

1. Select an available AVerMedia device in the left pane.
2. Select the correct **Country/Region**.



3. Select **Programs** on the left pane.

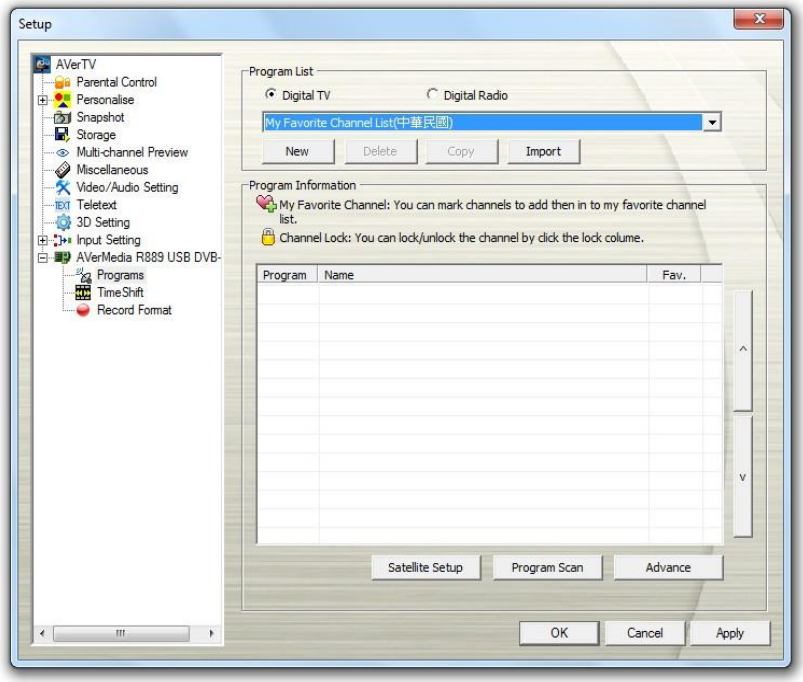
4. Before choosing the signal input, please make sure that your **Country/Region** is correct.



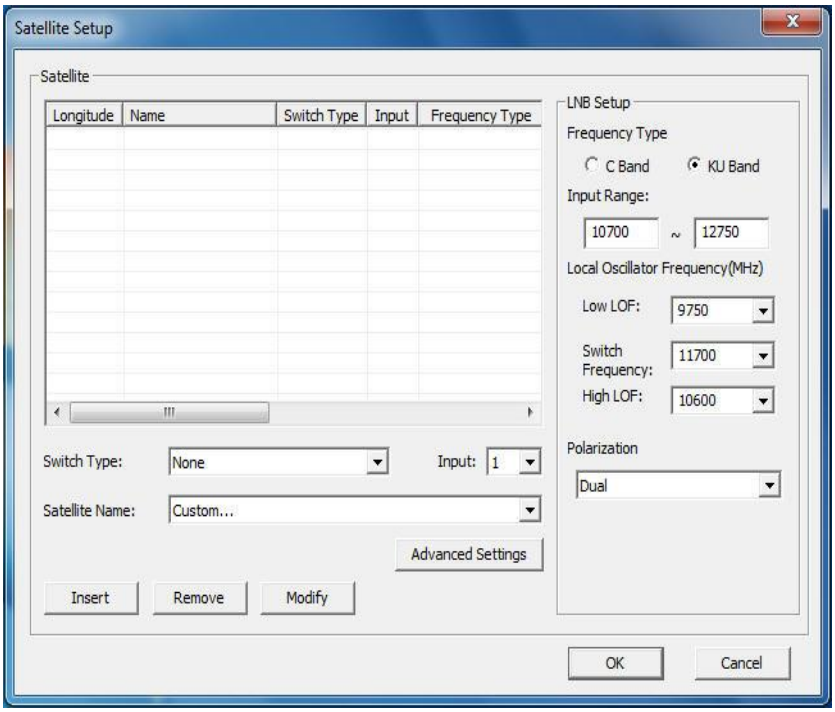
5. Select **Digital TV** or **Digital Radio** from the **Program List** area.

6. Click **New** and the **Program List** dialog box appears. Type in the desirable name and click **OK**.

7. Click **Satellite Setup** to configure Satellite TV settings.



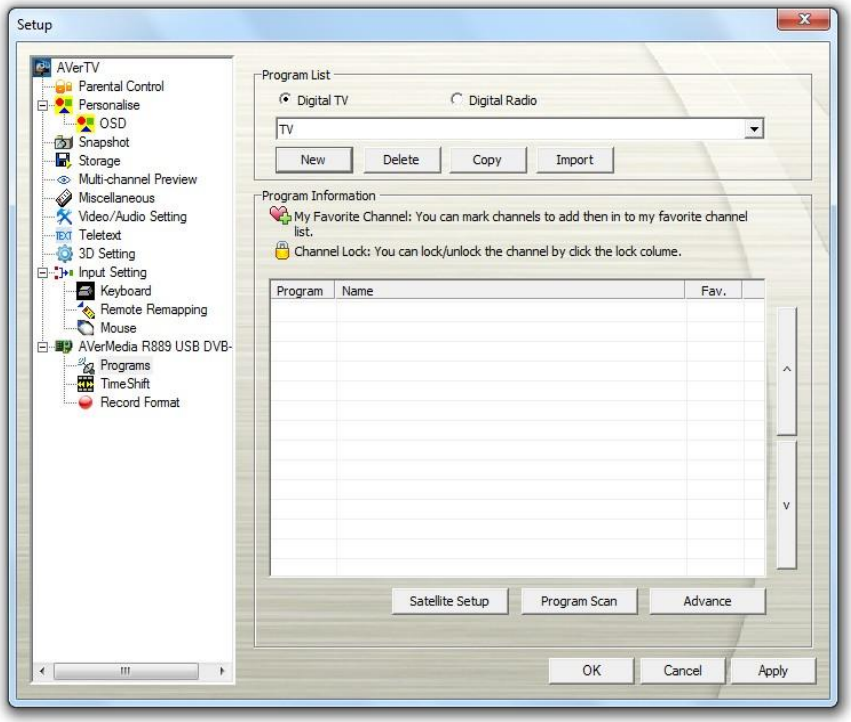
8. Configure the information of **Satellite Name** and **LNB Setup**. If you use a switch, select the **Switch Type** and **Input** port number; otherwise, ignore them. Then click **Insert**.



9. Repeat the previous step if you want to add more other satellites for channel scanning.

10. Click **OK**.

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

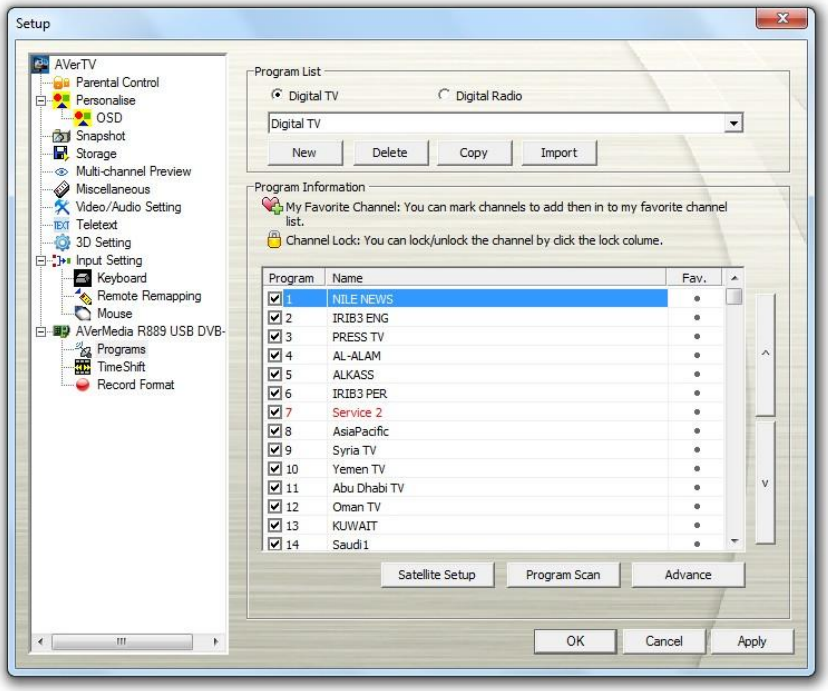


12. After scanning, the active TV channels will be listed inside the box.

13. Digital channels that are in red text indicate they are encrypted channels (e.g. pay TV channels).

14. Click **Apply** to save the scanned channels.

15. To exit the current dialog box, click **OK**.



[DVBT] Watching TV

To watch TV, please first make sure you select the correct **Country/Region**, and scan the channels. What you can watch depends on the product you purchase and the TV signals available from your local television service providers.

Scanning Channels

If you do not complete the channel scanning when you first run the application, please follow these steps to complete this procedure.

All the screen shots in this documentation are only example images. The images may vary depending on the product and software version.

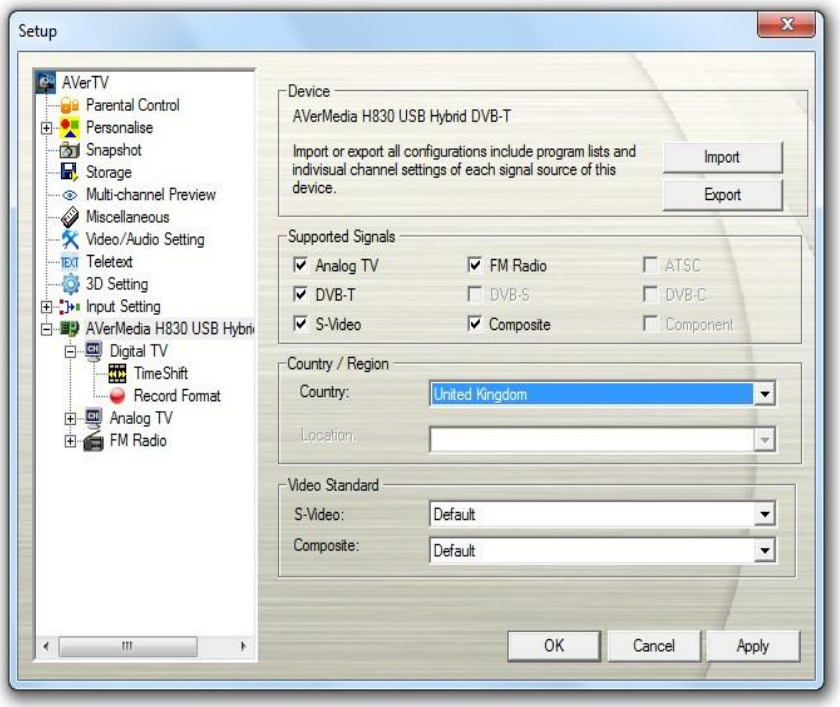
To scan channels

1. Click the **Setup** button on the control panel and select **Setup**. Choose an available AVerMedia device in the left pane (for example, AVerMedia A836).

   NOTE: Items in the left pane of the Setup page may vary depending on the product you purchase.

2. Select the correct **Country/Region** from the drop-down menu.

   NOTE: All supported signals of your product are listed in the **Supported Signals** area. Selected items may vary depending on the product.



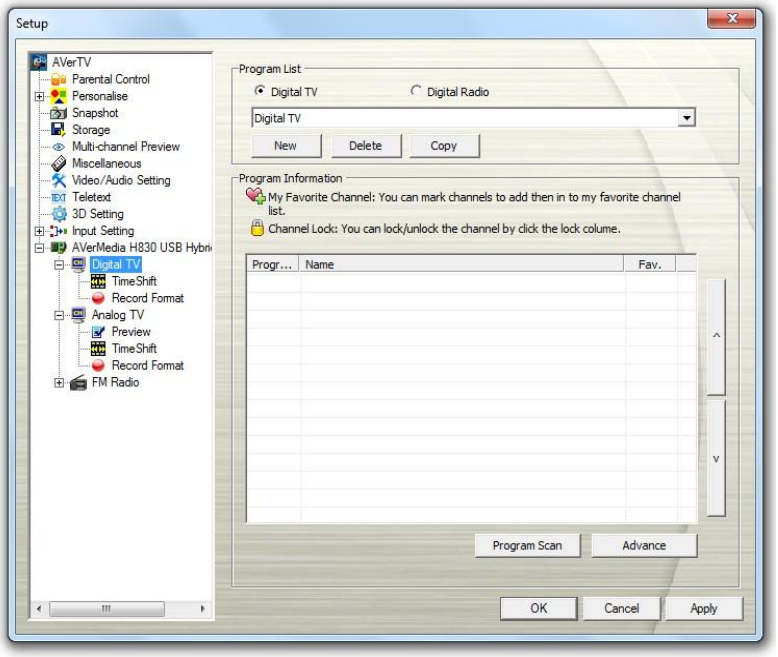
3. Select **Program** on the left pane.

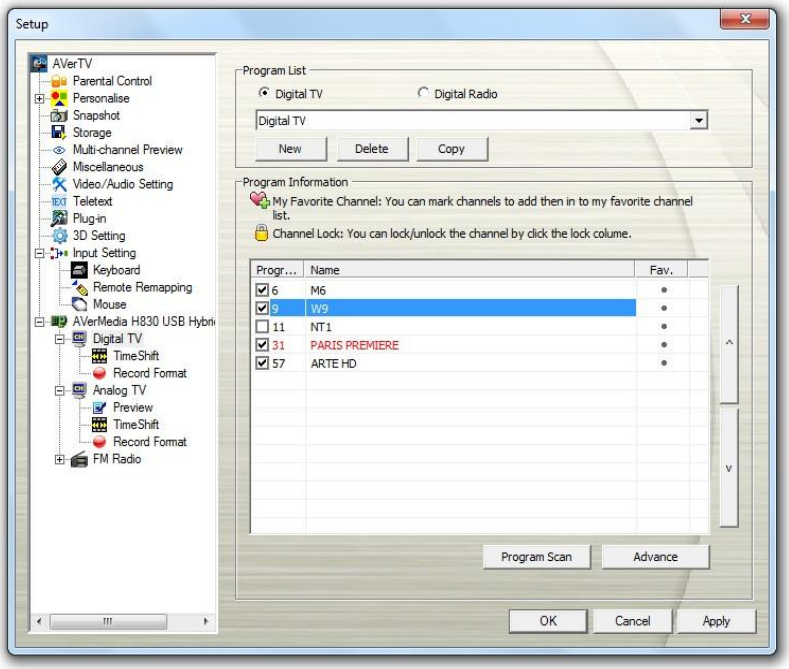
4. Select the **Digital TV** option to search only for digital TV channel or select **Digital Radio** to scan for digital radio channels only. (Supported options in **Program List** area may vary depending on the product you purchase.)

5. Click **New** and the **Program List** dialog box appears. Type in the desirable name and click **OK**.

6. 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**.

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





[Hybrid] Watching TV

To watch TV, please first make sure you select the correct **Country/Region**, and scan the channels. What you can watch depends on the product you purchase and the TV signals available from your local television service providers.

Scanning Channels

If you do not complete the channel scanning when you first run the application, please follow these steps to complete this procedure.

All the screen shots in this documentation are only example images. The images may vary depending on the product and software version.

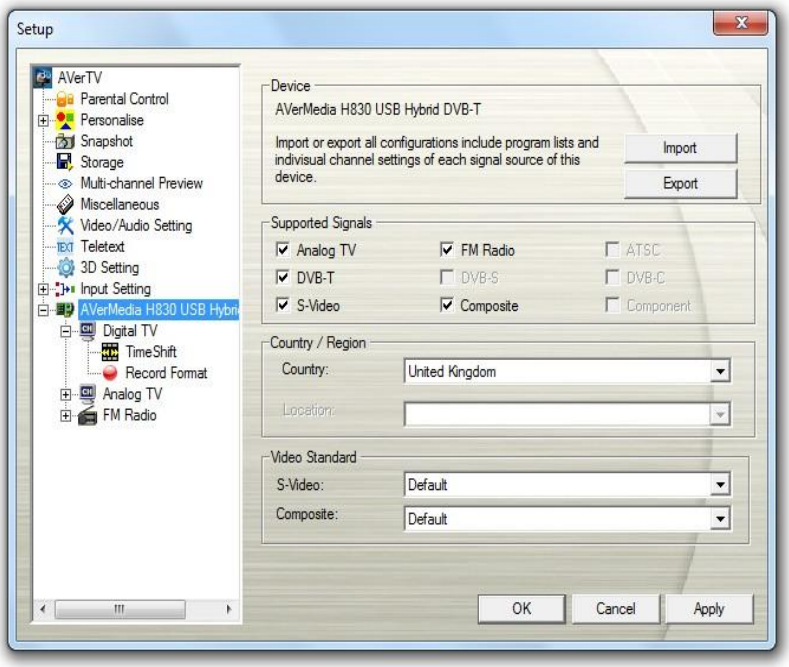
To scan channels

1. Click the **Setup** button on the control panel and select Setup. Choose an available AVerMedia device in the left pane (for example, AVerMedia A836).

   NOTE: Items in the left pane of the Setup page may vary depending on the product you purchase.

2. Select the correct **Country/Region** from the drop-down menu.

   NOTE: All supported signals of your product are listed in the **Supported Signals** area. Selected items may vary depending on the product.

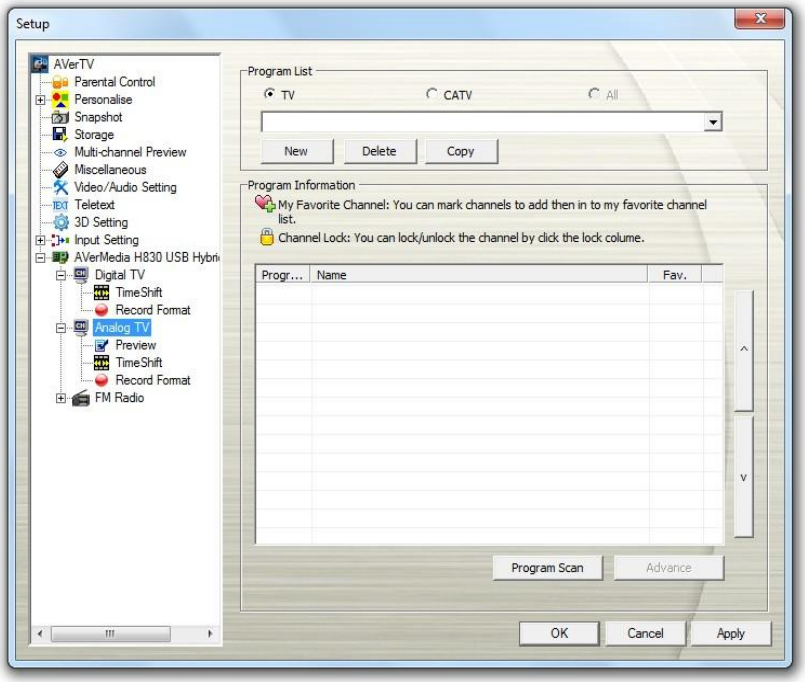


3. Select **Digital TV** or **Analog TV** on the left pane.

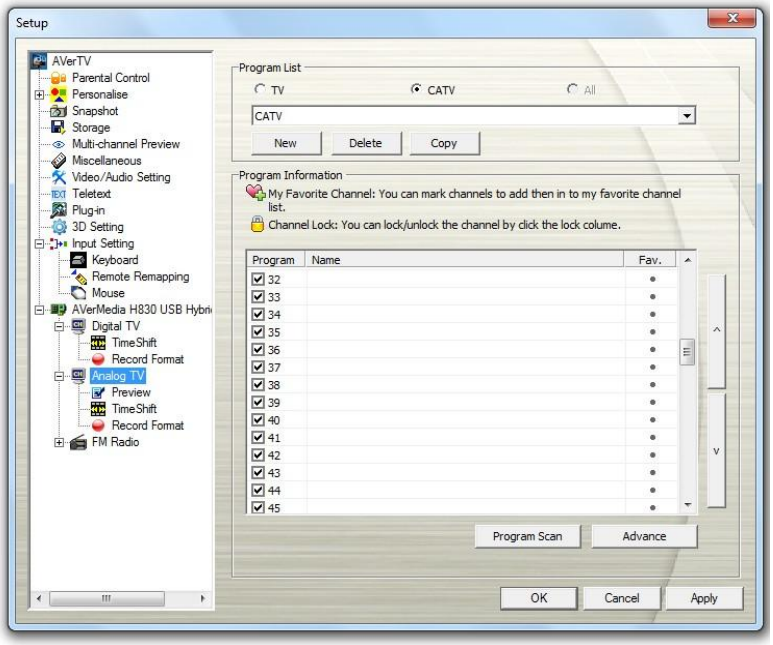
4. For digital TV, select the **Digital TV** option to search only for digital TV channel or select **Digital Radio** to scan for digital radio channels only. For analog TV, select **TV** to search only for air channels, **CATV** to scan for cable channels, or **All** from the **Program List** area.

5. Click **New** and the **Program List** dialog box appears. Type in the desirable name and click **OK**.

6. 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**.



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

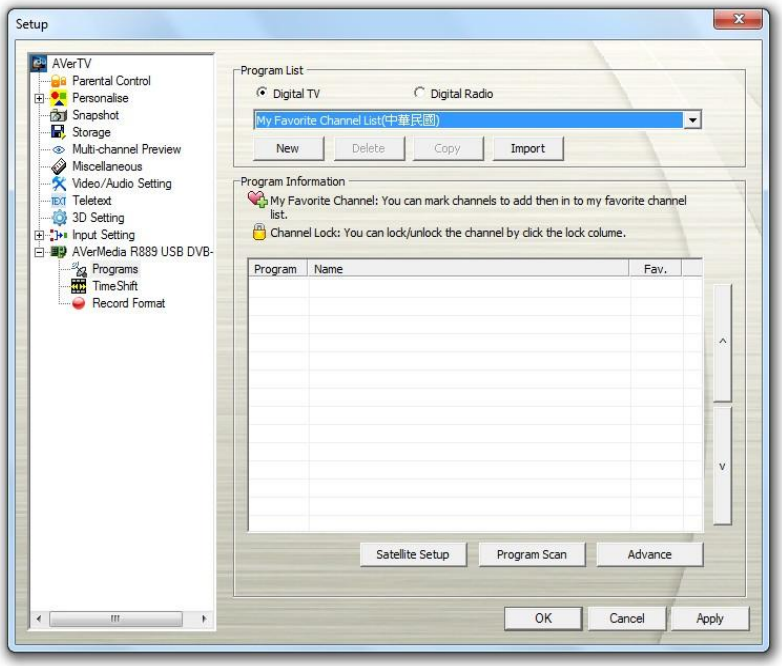


Adding a New Satellite

If you do not find the satellite you need from the default **Satellite Name** list, you can add the desired satellite yourself.

To add a new satellite and its frequency for scanning channel

1. Click the **Setup** button on the control panel and select **Setup**.
2. Choose an available AVerMedia device in the left pane (for example, AVerMedia R889).
3. Select the correct **Country/Region**.
4. Select **Program** on the left pane.
5. Select the **Digital TV** option to search only for digital TV channel or select **Digital Radio** to scan for digital radio channels only.
6. Click **New** and the **Program List** dialog box appears. Type in the desirable name and click **OK.**



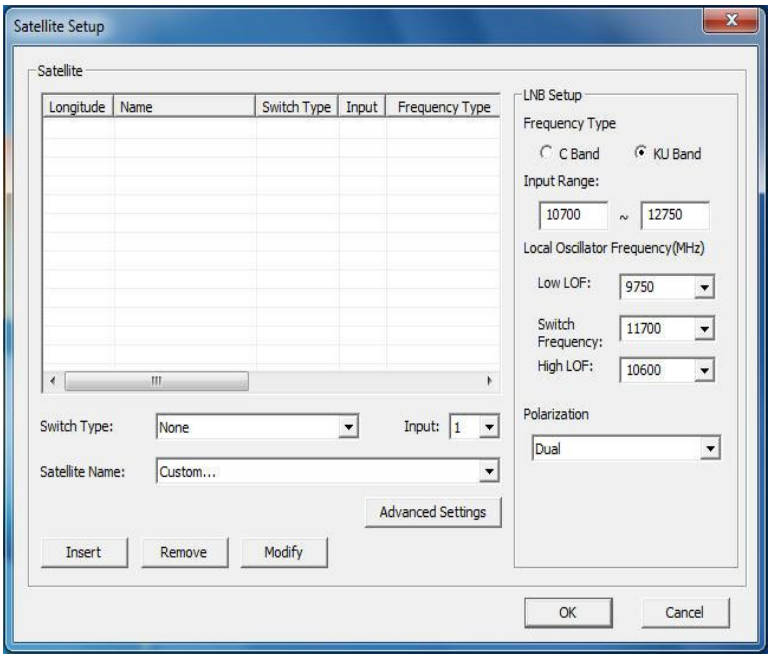
7. Click **Satellite Setup**.

8. Select the **Switch Type** and **Input** port number if you use a switch; otherwise, skip this step.

9. Select **Custom...** in **Satellite Name** drop-down list.

10. Configure **LNB Setup** data.

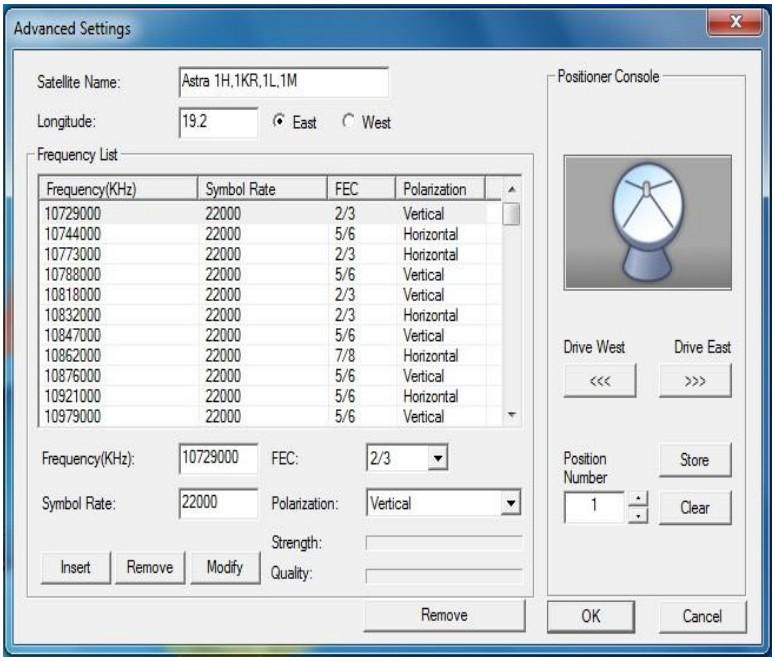
11. Click **Advanced Settings**.



12. Configure **Satellite name, Longitude, Frequency, FEC, Symbol Rate**, and**Polarization**.

13. Click **Insert** to add the frequency data to the Frequency list.
Click **Remove** to delete or **Modify** to change the selected frequency data.

- If you use a motor, you can adjust the dish position, test the signal strength, and save the position for quick positioning next time. Select any one of the frequencies in the list and click <<< or >>> to adjust the position of the dish. Once the strength and quality are detected, assign a **Position Number** and click **Store** to save the dish position for this selected satellite. Click **Clear** to delete the setting of this position. For the same satellite, you only need to save the position once. For another



satellite, please assign another unused position number.

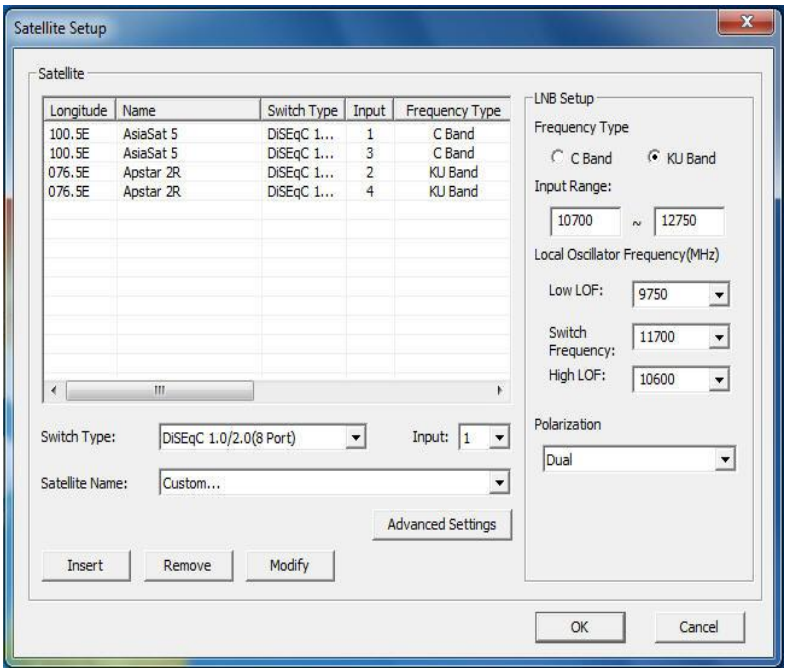
14. Repeat the previous steps to add more frequencies you need.

15. Click **OK** to add the new satellite, save the settings and leave Advanced Settings dialog box. Click **Remove** beside OK option to delete this satellite data or click **Cancel** to abort without saving.

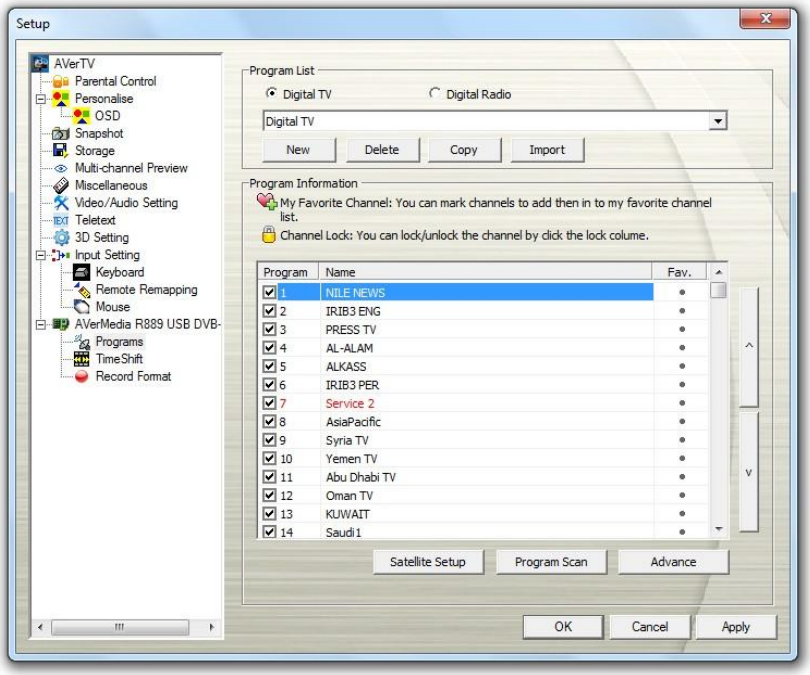
16. Click **Insert** to add the satellite data in the list. Click **Remove** to delete or click **Modify** to update the data.

17. Repeat the previous steps to add more satellites you need.

18. Click **OK** to save the settings and leave Satellite Setup dialog box. Click **Cancel** to abort without saving.



19. Click **Program Scan** to start the scanning process. If you want to terminate the searching process, just click **Stop.**



- If you have set up the motor/dish position, when you click **Program Scan**, a message pops up notifying you the motor is adjusting position. Channel scanning only begins as soon as the countdown time is up or you click **Continue**. It is recommended NOT to click **Continue** but wait until the countdown time is up in case of channel scanning failure due to invalid positioning.

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

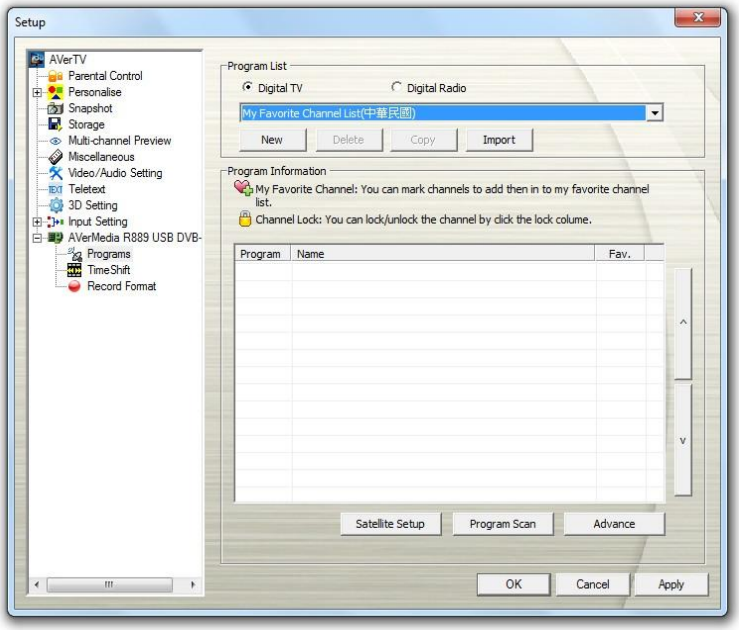
Adding a Frequency

AVerTV 3D comes with a default frequency table for those default satellites and will use this table to search for active programs or channels.

If you do not find the frequency you need, you can add it yourself.

To add a frequency

1. Click the **Setup** button on the control panel and select **Setup**.
2. Choose an available AVerMedia device in the left pane (for example, AVerMedia R889).
3. Select the correct **Country/Region**.
4. Select **Program** on the left pane.
5. Select the **Digital TV** option to search only for digital TV channel or select **Digital Radio** to scan for digital radio channels only.
6. Click **New** and the **Program List** dialog box appears. Type in the desirable name and click **OK.**



7. Click **Satellite Setup**.

8. Select the **Switch Type** and **Input** port number if you use a switch; otherwise, skip this step.

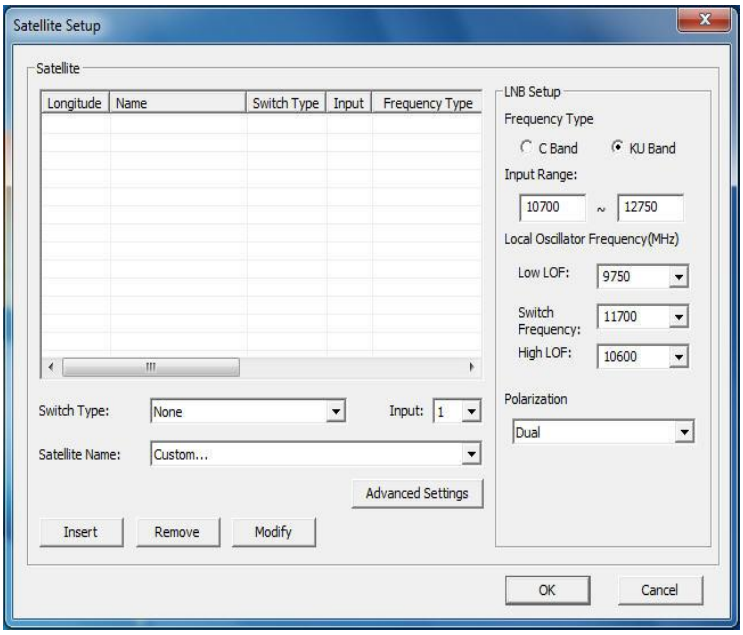
9. Select the satellite you need from the **Satellite Name** drop-down list.

10. Configure **LNB Setup** information.

11. Click Insert to add the satellite in the list. Click **Remove** to delete the selected satellite from the list.

12. Repeat the previous steps to add more satellites you need.

13. Click on the satellite you want to modify in the list.



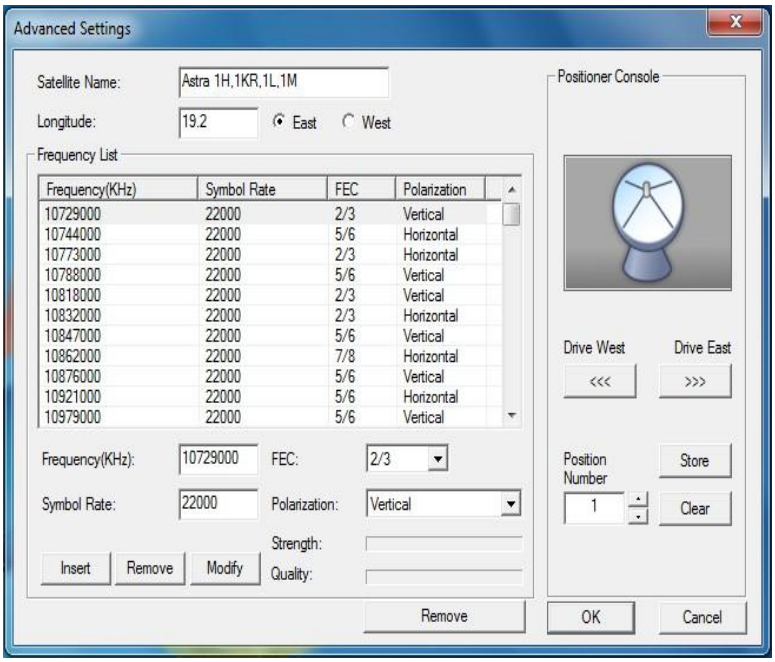
14. Click **Advanced Settings** and you can see the default frequency table for the chosen satellite in **Frequency List** section.

15. If you do not find the frequency you need, just follow the instructions below to add it yourself.

16. Configure **Frequency, FEC, Symbol Rate, Polarization**, etc.

17. Click **Insert** to add the frequency you need to the list.
Click **Remove** to delete the selected frequency data.

    - If you use a motor, you can adjust the dish position, test the signal strength, and save the position for quick positioning next time. Select any one of the

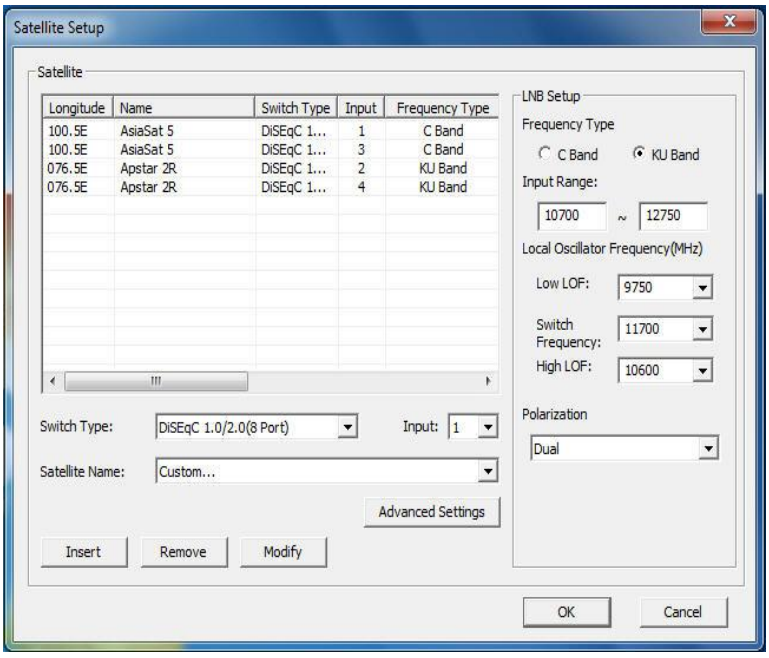


frequencies in the list and click <<< or >>> to adjust the position of the dish. Once the strength and quality are detected, assign a **Position Number**and click **Store** to save the dish position for this selected satellite. Click **Clear** to delete the setting of this position. For the same satellite, you only need to save the position once. For another satellite, please assign another unused position number.

18. Click **OK** to save the settings and leave **Advanced Settings** dialog box.
    Click **Remove** beside **OK** option to delete this satellite data or click **Cancel** to abort without saving.

19. Click **Modify** to update the selected satellite data.
    Click **Remove** to delete the selected satellite data from the list.
    Click **Modify** to update the selected satellite data.

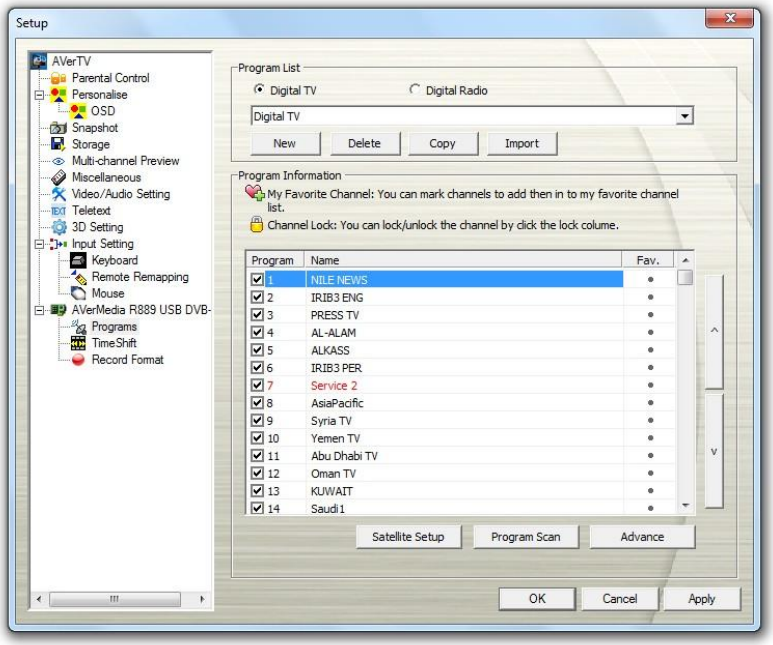
20. Click **OK** to save the settings and leave **Satellite Setup** dialog box.
    Click **Cancel** to abort without saving.



21. Click **Program Scan** to start the scanning process. If you want to terminate the searching process, just click **Stop.**

- If you have set up the motor/dish position, when you click **Program Scan**, a message pops up notifying you the motor is adjusting position. Channel scanning only begins as soon as the countdown time is up or you click **Continue**. It is recommended NOT to click **Continue** but wait until the countdown time is up in case of channel scanning failure due to invalid positioning.

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

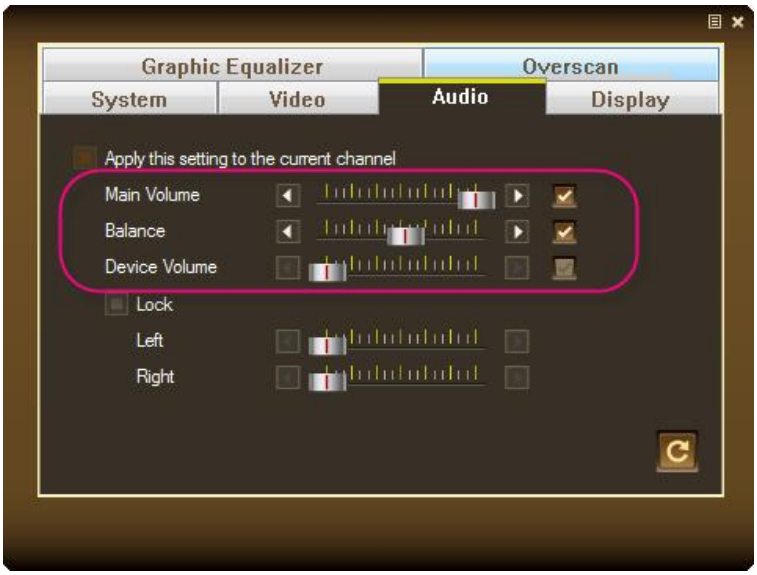


Adjusting Volume

- On the Control Panel, click and drag your mouse over the **Volume** knob 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**.



2. When a dialog box appears, select **Audio** tab.
3. Use ◀ and ▶ or drag the slider bar 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.
5. If you just want to adjust individual volume level, select **Apply this setting to the current channel** and repeat the previous steps to increase or decrease volume.
6. To apply the converted settings to all channels, click **Apply All** ☑.
7. Click **Default** button ↻ if you want to revert the factory settings.

Selecting a TV Channel

There are three ways of switching between TV channels:

1. Click the **Program List** button on the control panel and select **Program List**.

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

or

Click on the Numeric buttons to get your desired channel number.

or

Right-click the Channel Display area on the control panel to select the desired channel.

You can also search for a program by entering a keyword in the search box and click .

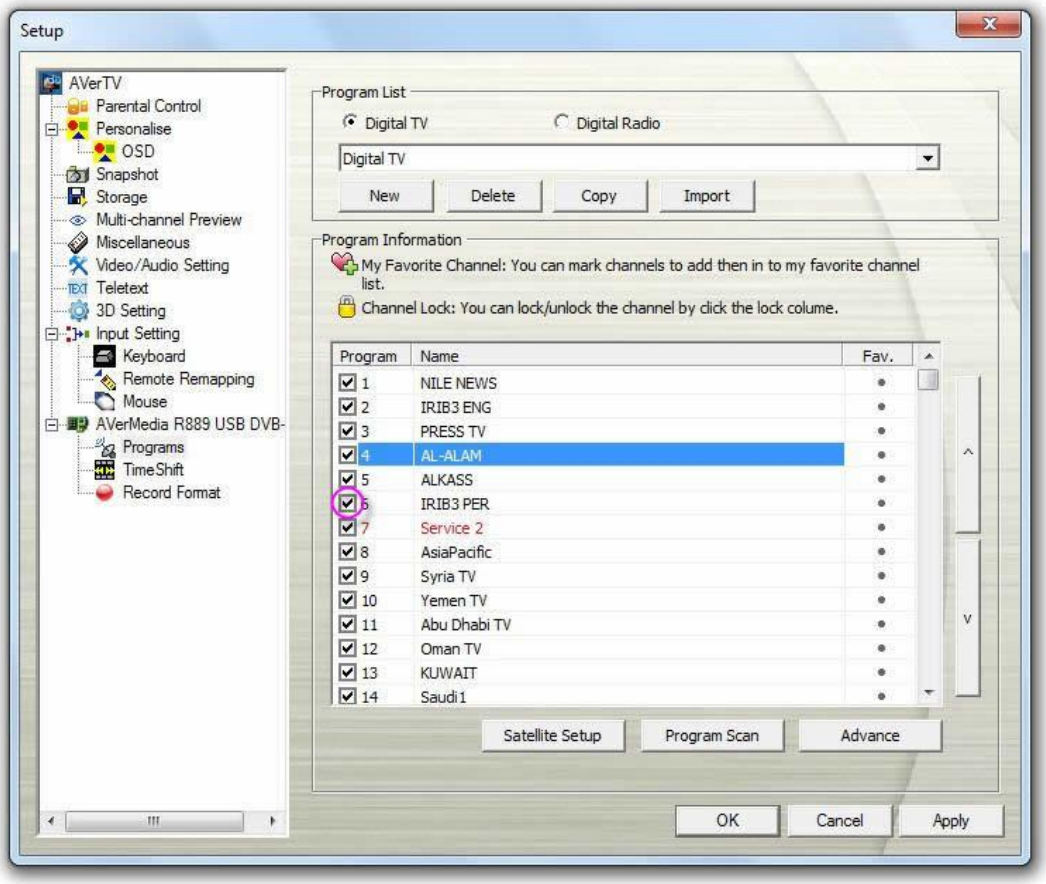
Removing Unwanted Channels

There are two conditions to remove unwanted channels:

One is to temporarily hide some unwanted channels from the program list, so you can skip unwanted channels when channeling up and down.

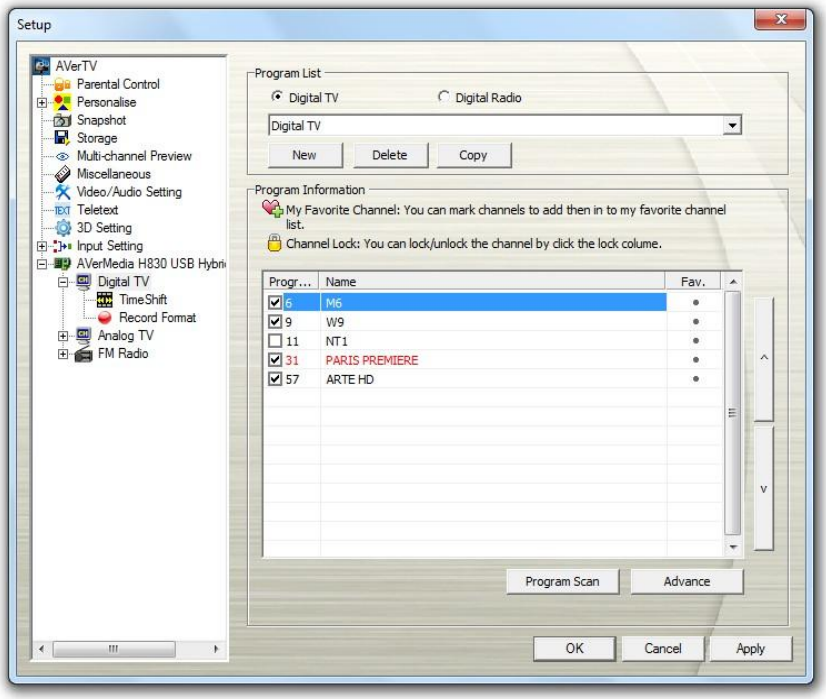
The other is to remove the channels from the scanned channel list, so you won't be able to access to the removed channels unless you rescan.

To temporarily skip certain channels when channeling up and down, simply clear the check box of the channel to be hidden. To show the hidden channel, select the check box again.



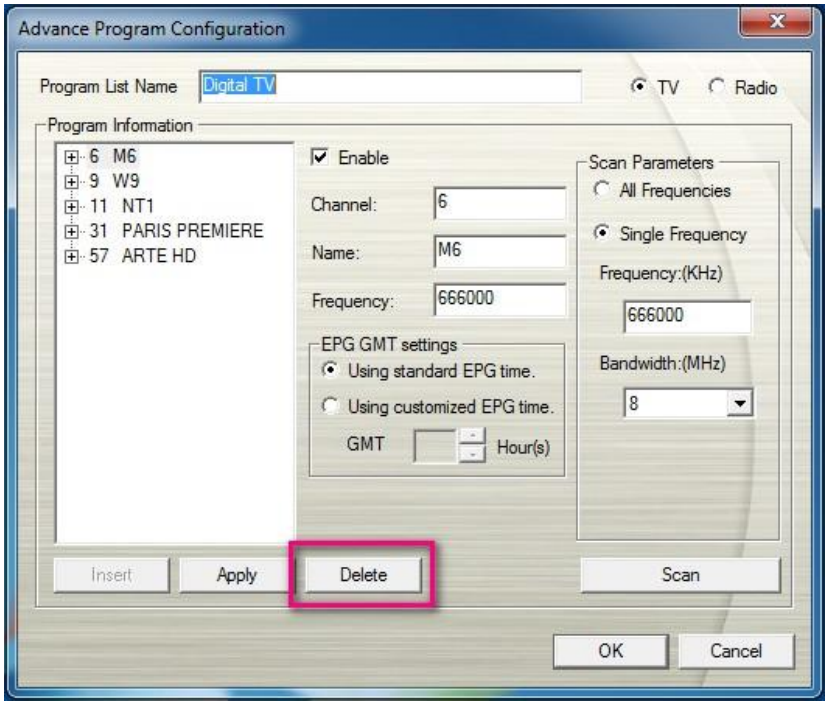
To exclude unwanted channels from your scanned channel list

1. Click the Setup button and select **Setup**. Then choose your desired signal input on the left pane.



2. Click **Advance**. Then the **Advance Program Configuration** dialog box will appear.

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.

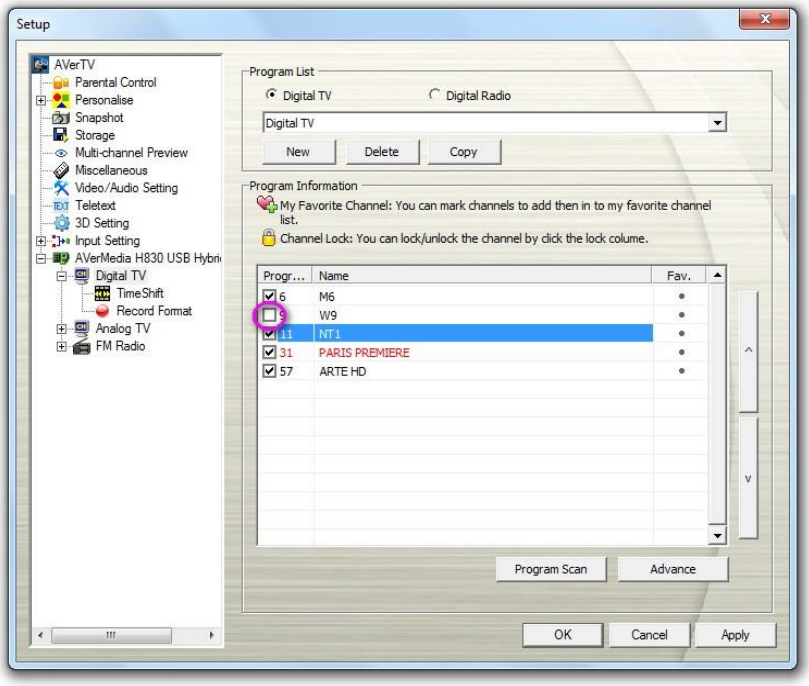


Adding and Deleting Program List

A program list allows you to switch only among the selected channels when pressing the Channel Up/Down button.

To add a new program list

1. Click the Setup button and select **Setup**. Then choose your desired signal input on the left pane.
2. Click **New** and the **Program List** dialog box appears.
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.
6. Click **Apply** to save the setting and click **OK** to exit the current dialog box. Or you can click **Cancel** to abort without saving.
7. You can switch to other different saved program lists from the drop-down list in the Program List area.



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

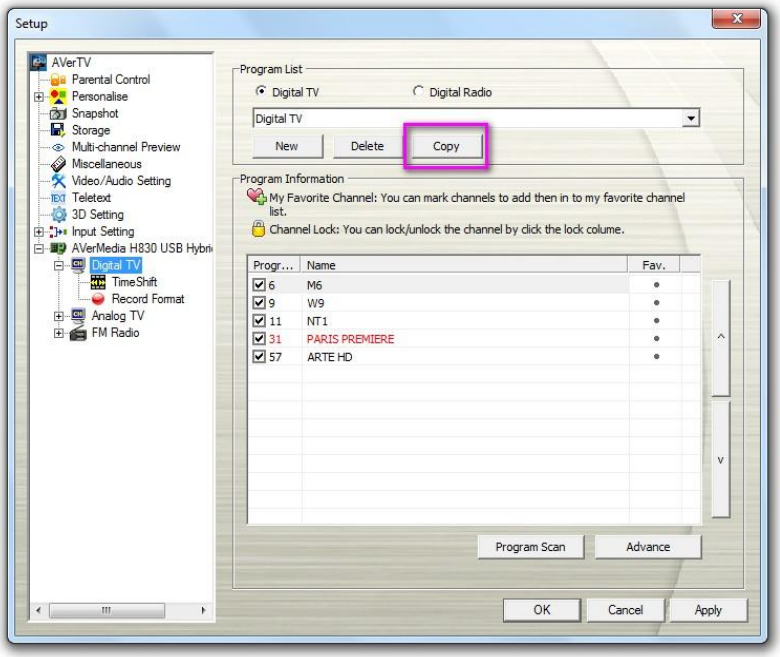
To use Program List Copy function

1. From the program drop-down menu, 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 select **Setup**. Then choose your desired signal input 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.

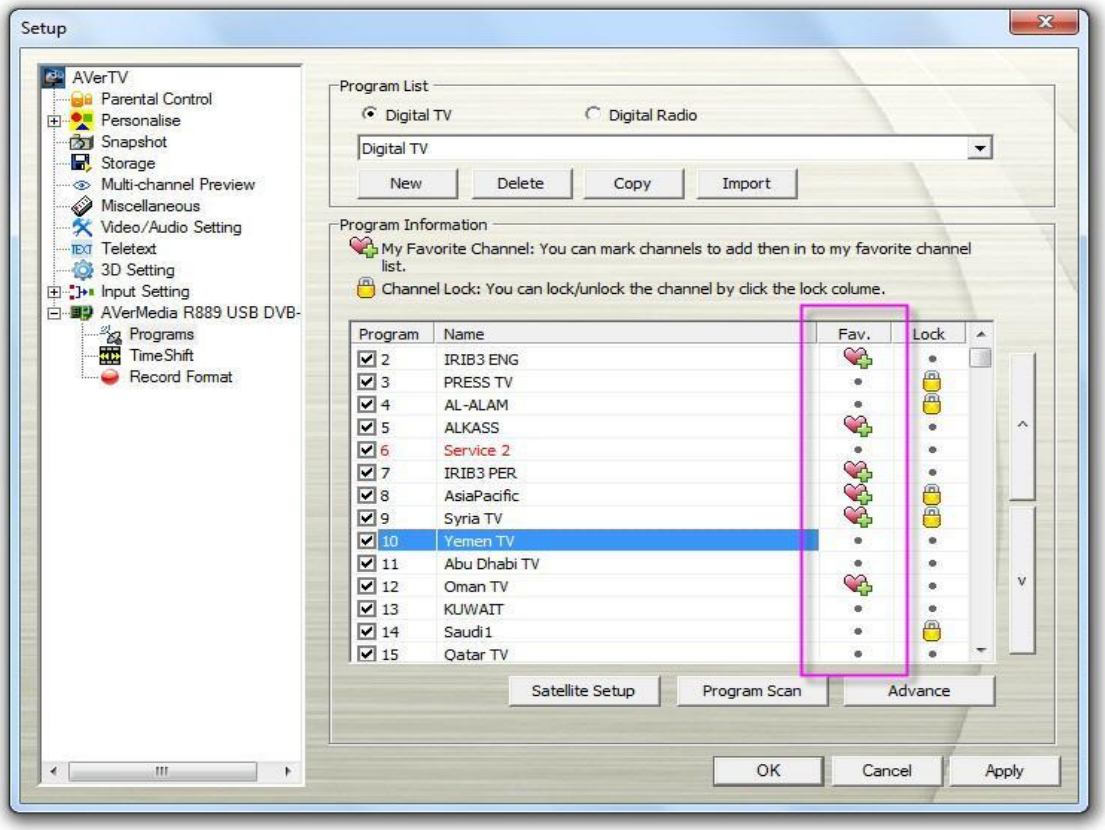
Creating My Favorite Channel Lists

You can group all the channels you like into the My Favorite Channel List. When you select My Favorite Channel List to be the currently use program list, you will only access to your favorite channels when switching channels.

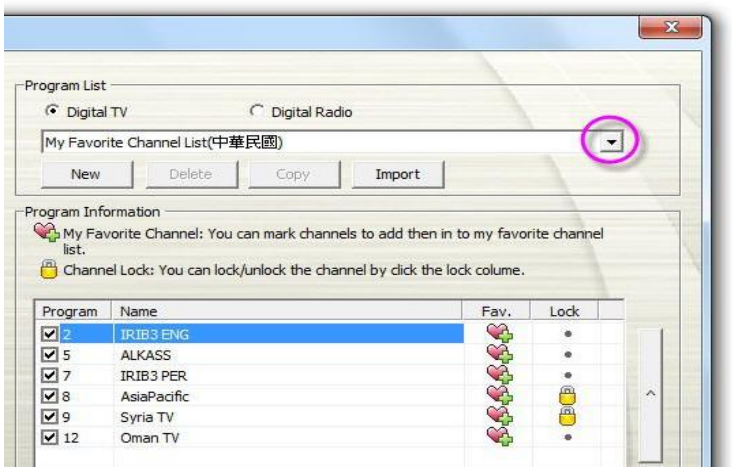
To create the My Favorite Channel List

1. Click the **Setup** button and select **Setup**. Then choose **Programs** or your desired signal input on the left pane.

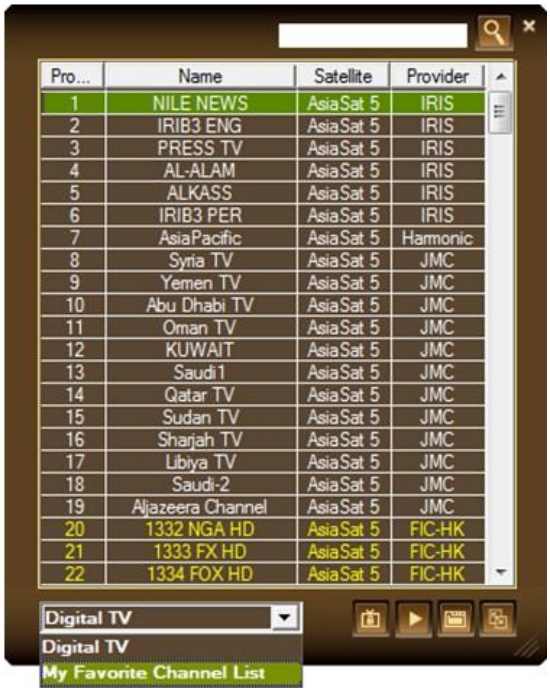
2. Click the cell in the **Fav.** colmun of the desired channel row to mark it as your favorite channel with . To remove it from your favorite channel list, simply click again to delete it.



3. All my favorite channels are grouped and listed in the **My Favorite Channel List**. You can switch to the **My Favorite Channel List** from the drop-down menu and see all my favorite channels only.



4. If you open your program list (click the **Program List** button on the control panel and select **Program List**), you can also select **My Favorite Channel List** from the drop-down menu.



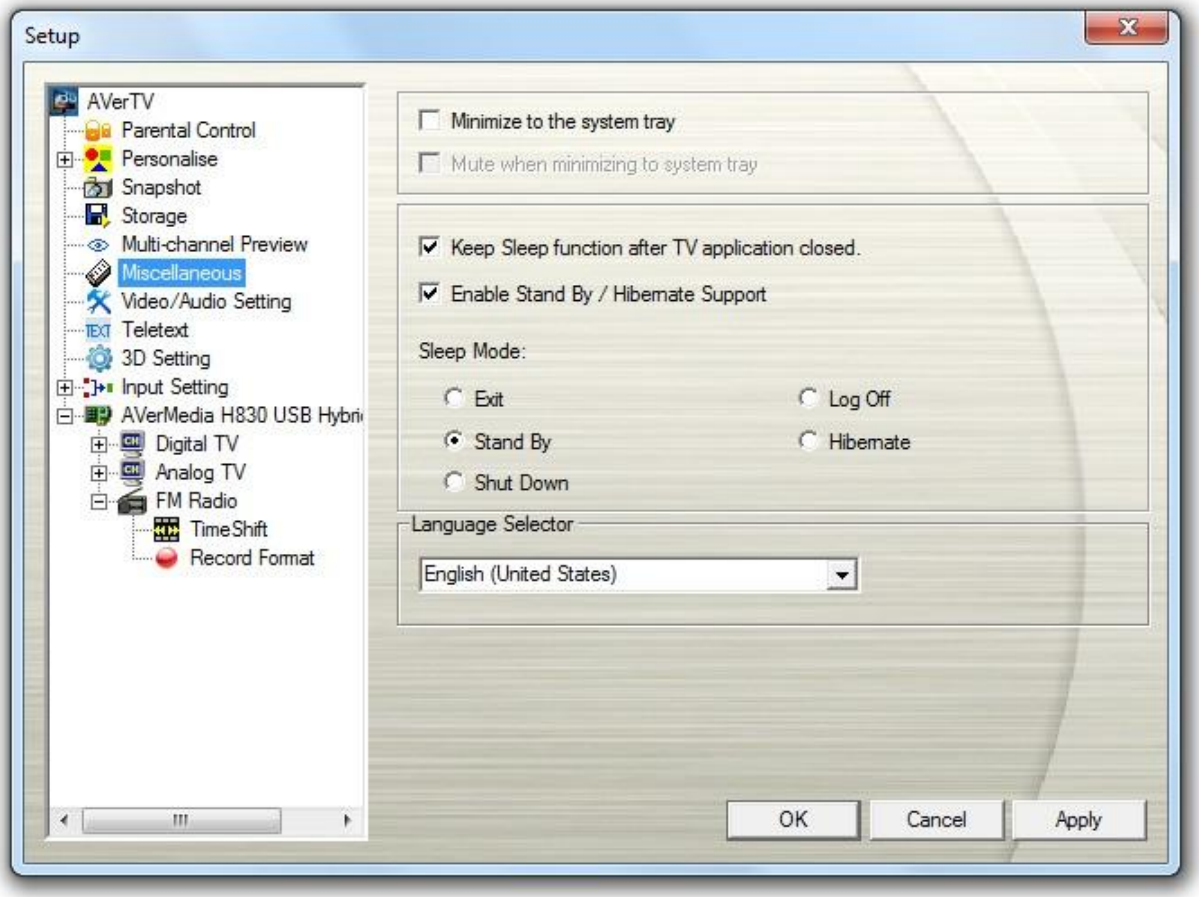
The name of the My Favorite Channel List in the drop-down menu are classified by the country, such as My Favorite Channel List (Taiwan). Only one My Favorite Channel List can be created under the setting of the same country.

Changing Display Language

You can change the display language you use in AVerTV 3D.

Follow the steps below to change the language displayed in AVerTV 3D:

1. Click the **Setup** button and select **Setup > Miscellaneous**.
2. From the **Language Selector** drop-down menu, select the language
3. Click **Apply** to save the new settings and click **OK** to exit the current dialog box. Or, click **Cancel** to use the original settings.
4. Reopen the **Setup** window for the changes to take effect.
5. AVerTV 3D will display in the language that you chose.



or

1. Right click the TV screen.
2. In the pop-up menu, point to **Skins Language** and choose the desired language.
3. Re-activate the **AVerTV 3D** for the changes to take effect.

EPG (Electronic Program Guide)

Analog EPG

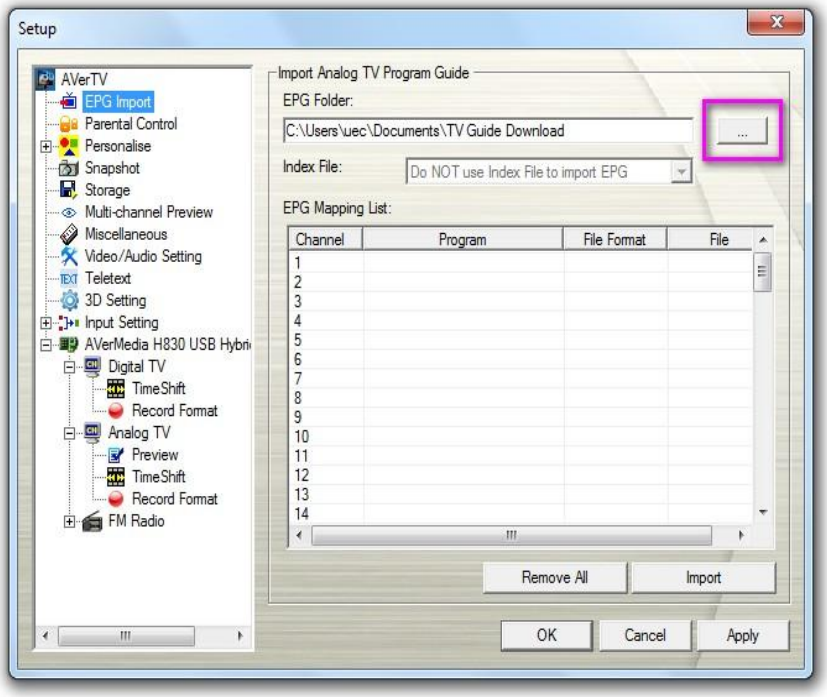
Electronic Program Guide (EPG) is a service that allows you to check the next succeeding program schedule and even the program schedules of the whole week.

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

To import analog EPG for the first time

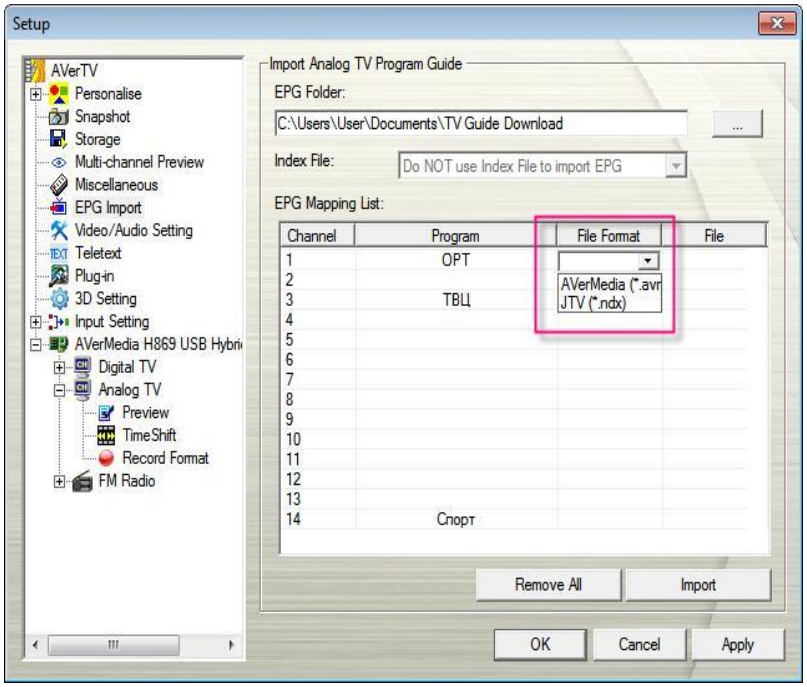
1. If the analog EPG service is provided in your region/country, go to the TV website of your region/country, and download the EPG files (*.ndx, *.pdt, *.avr).

2. Click the **Setup** button and select **Setup**. Then click on the **EPG Import** icon on the left pane. (Please note the **EPG Import** icon only appears when you select **Russia** as your country in **Country/Region** section.



3. Click to choose the designated folder in which the EPG files (.ndx or .avr) are saved.

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

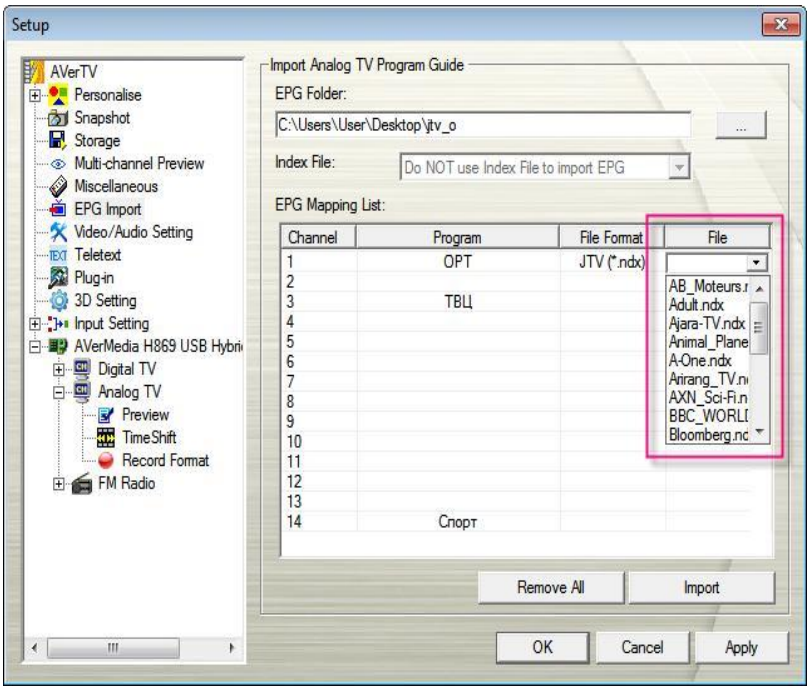


5. Then double click on the space below **File** to choose the designated file to insert.

6. Each file refers to the TV programs of one channel.

7. Click **Import** button to complete EPG import.

8. Then click **Apply** to save the imported EPG.

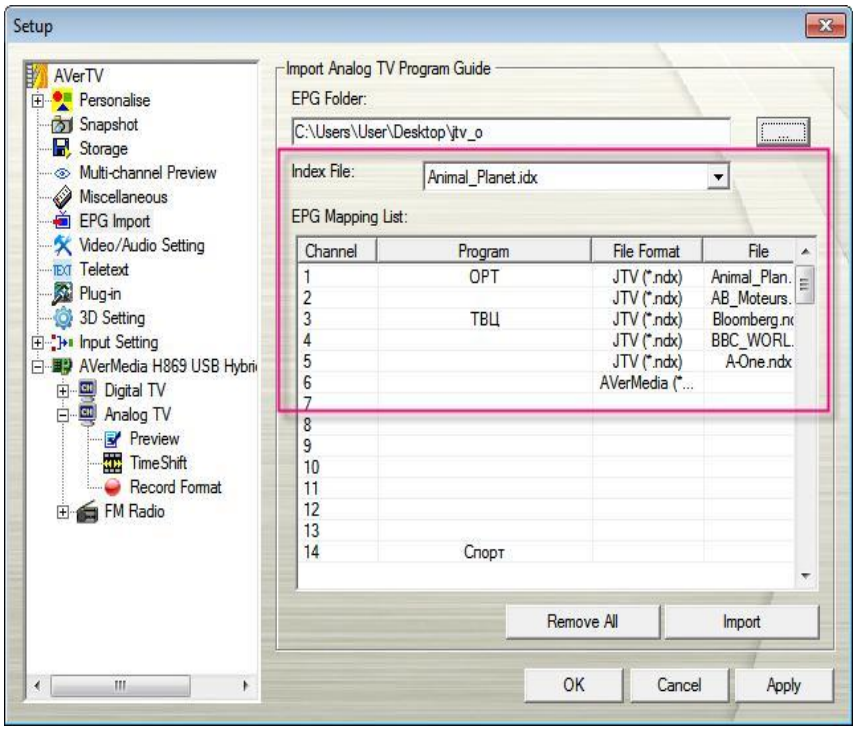


1. JTV format EPG TV guide (*.ndx and *.pdt) can be found at http://www.teleweb.ru.
2. After importing analog EPG for the first time, the channels you've chosen to import will be saved and listed in the EPG Mapping List. However, you still need to click on **Import** button to update and get the latest EPG information.

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

To import the Index file

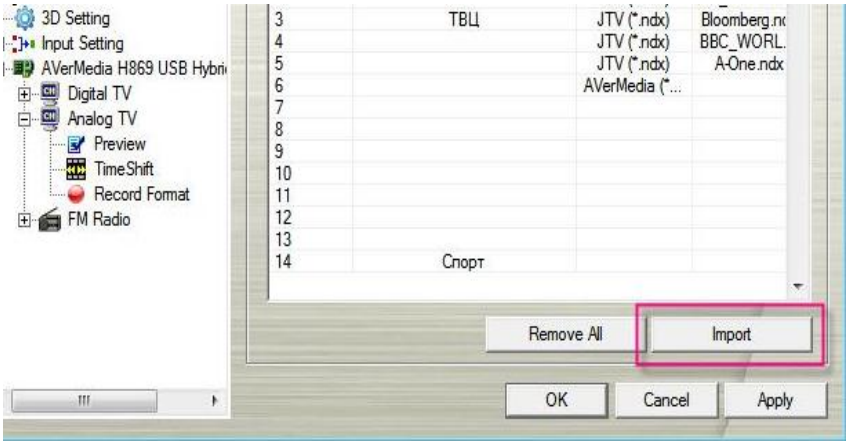
1. First you must have the EPG Index File (*.idx) and the EPG files (*.ndx, *.pdt, *.avr).
2. Then put the index files and EPG files in the same folder.
3. Choose the index file from the drop-down menu. Once you select the index file, you will see the EPG data of the index file in the EPG Mapping List.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



1. The Index file format (.idx) can be edited by users. For more information, please refer to **Appendix.** 2. 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.



Digital EPG

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, you can use the EPG function of AVerTV 3D.

To open the EPG window

1. Click the EPG button on the control panel.

   or

   Right click on the TV monitor and select **EPG**.

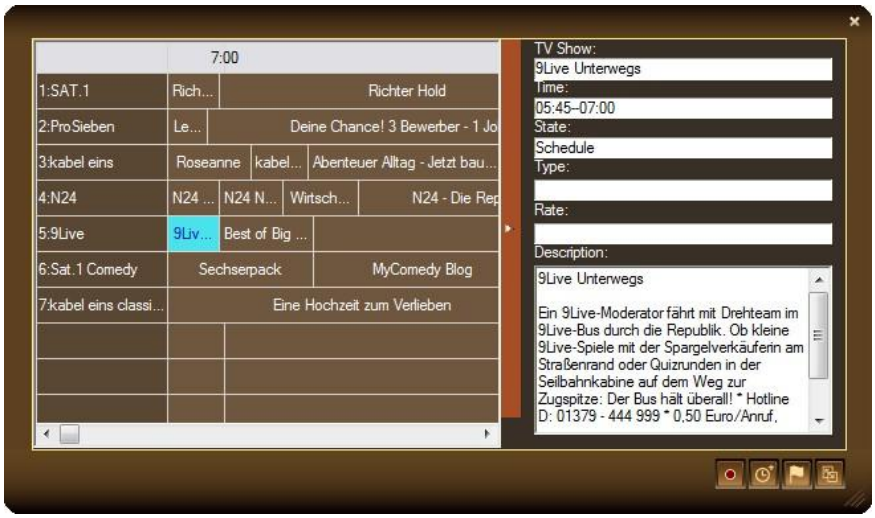
2. In the EPG window, select the desired program from the Program drop-down menu and the EPG window will display the schedule for one week. You can also see the related information such as program name, time, and description about the program on the right pane of the window.

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

Our EPG window also allows you to preset a schedule for watching or recording programs.

To preset a schedule from EPG

1. Open EPG window.



2. Select your favorite programs

3. Then click **Record** or **Activate TV Application** to activate AVerTV 3D. And the system will execute your command on schedule.

4. If the EPG data contains multiple languages, you can click to switch EPG language. For non-multi-language EPG data, this function will be disabled.

5. Click **Display Mode** to sort the EPG list by time or by channel.

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

1. Click on the control panel and select **Setup**.

2. Click **Digital TV** on the left pane.

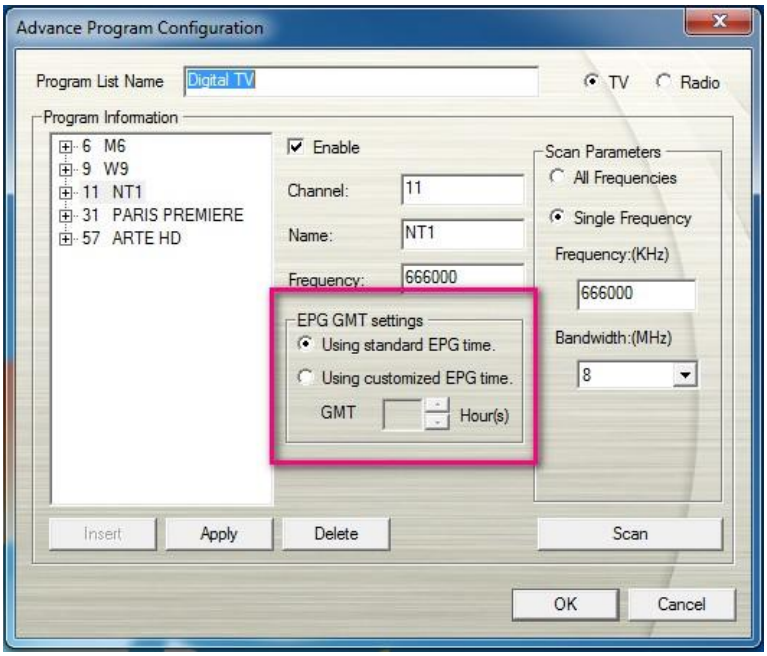
3. Click **Advance**.

4. In the Advance Program Configuration window, click the desired channel.

5. 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 the time zone on your computer operating system.

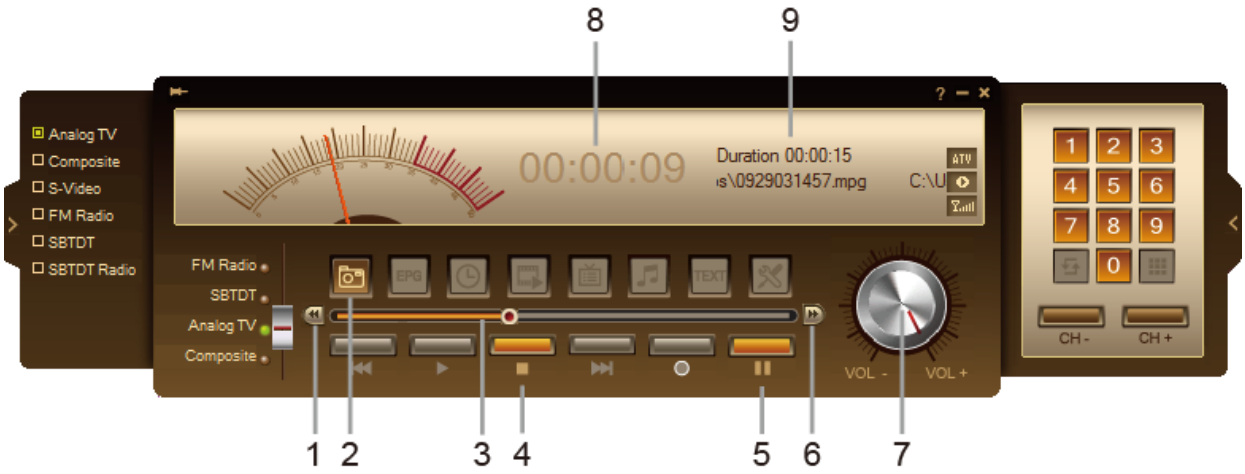


[Analog] TimeShift

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.

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	**Snapshot**	Capture a single image or a sequence of images.
3	**Playback Seek**	Drag the slider tab to move to any part of the recorded program.
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	**Forward**	Click to skip forward in intervals
7	**Volume**	Drag your mouse right/left to increase/decrease the volume level.
8	**Backward Duration**	Show backward duration during Timeshift
9	**Timeshift Info**	Show available Timeshift duration and file info

Customizing TimeShift Settings

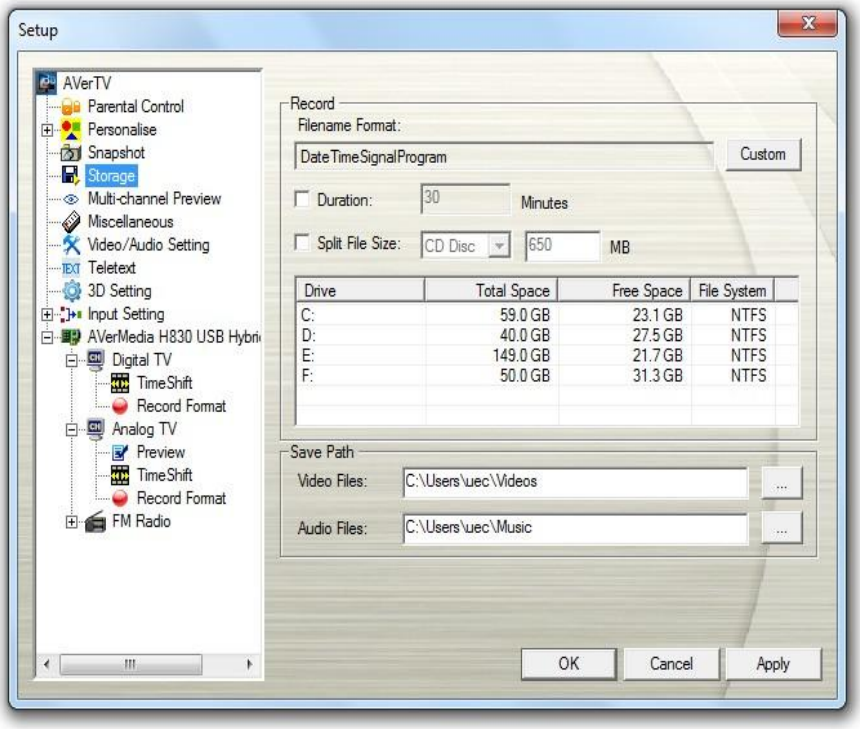
Before you start using the TimeShift function, check if its recording settings meet your needs. To check and customize settings:

1. Click the Setup button and select **Setup >Storage**.

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.



Using the TimeShift Function

To pause the live program

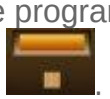
1. Click the TimeShift button on the Control Panel. The application will begin to record the program.

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 your mouse over the slider tab to the left until you see the part of the show you wish to watch or listen, and then release the mouse button.

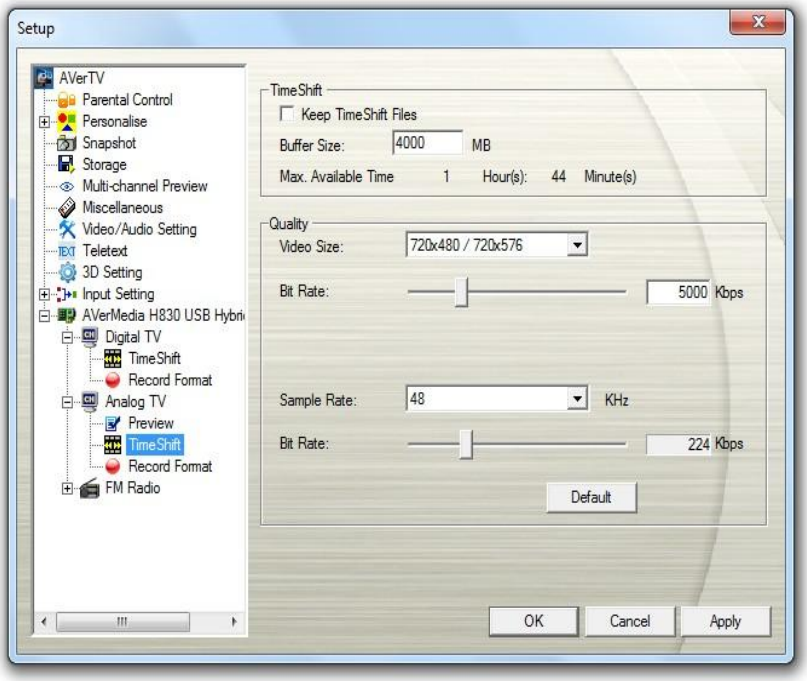
3. You can also click the Backward button to move backward in fixed intervals until you reach the part where you left off.

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.

Keeping Timeshift Files



1. Click the Setup button and select **Setup**. Then choose your desired signal input on the left pane.
2. Select **Timeshift**.
3. If you want to save the video file, select the **Keep TimeShift Files** check box.
4. Here you can determine the buffer size.
5. Please be noted the items may vary depending on the device you use.
6. Click **Default** if you want to revert to the factory settings.

Customizing TimeShift Video Quality Settings

To customize video and audio quality settings

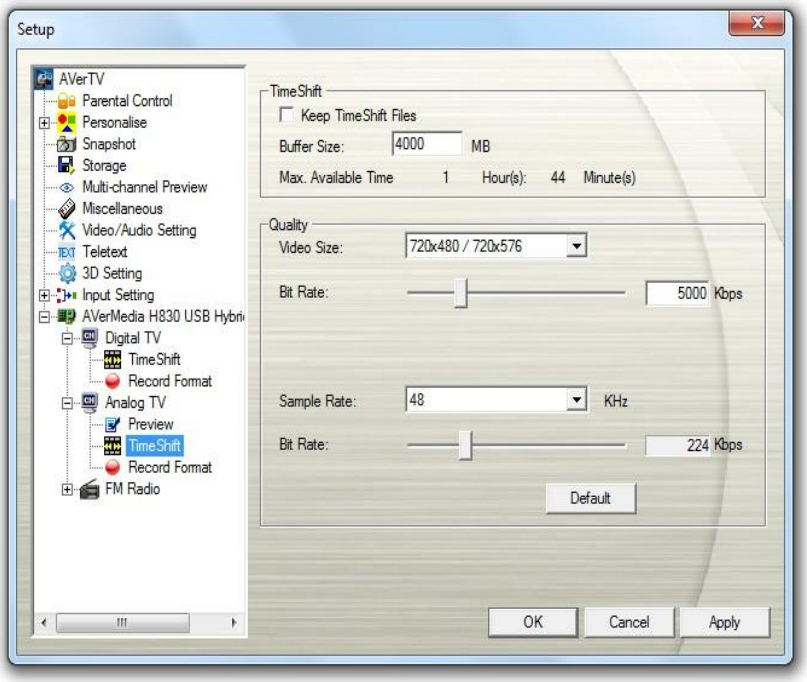
1. Click the Setup button and select **Setup**. Then choose your desired signal input on the left pane.

2. Select **Timeshift**.

3. Determine the video and audio quality for timeshifting.

4. If you want to revert to default settings, please click **Default**.

5. Click **Apply** to save the new settings and click **OK** to exit the current dialog box. Or, click Cancel to use the original settings.

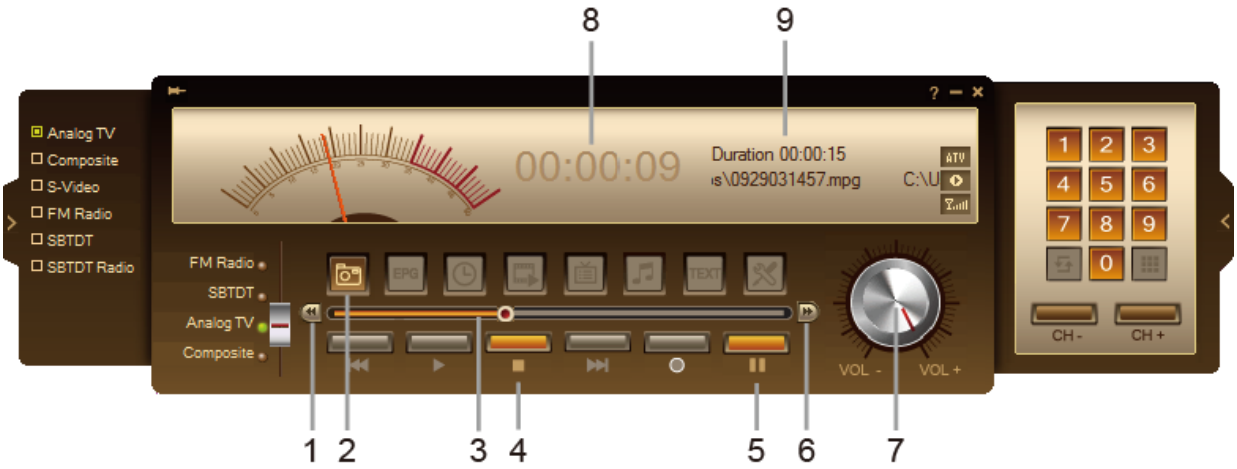


[DTV] TimeShift

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.

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	**Snapshot**	Capture a single image or a sequence of images.
3	**Playback Seek**	Drag the slider tab to move to any part of the recorded program.
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	**Forward**	Click to skip forward in intervals
7	**Volume**	Drag your mouse right/left to increase/decrease the volume level.
8	**Backward Duration**	Show backward duration during Timeshift
9	**Timeshift Info**	Show available Timeshift duration and file info

Customizing TimeShift Settings

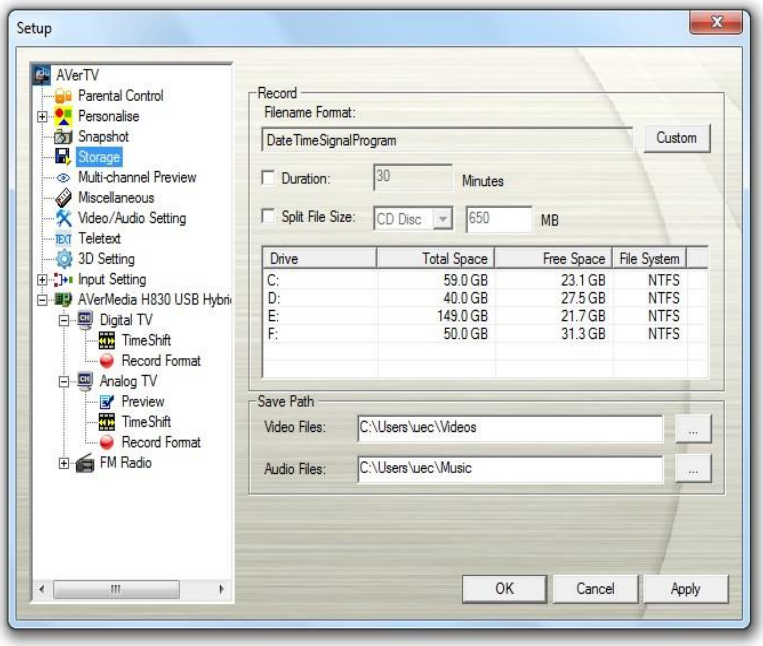
Before you start using the TimeShift function, check if its recording settings meet your needs. To check and customize settings:

1. Click the Setup button and select **Setup >Storage**.

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.



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 your mouse over the slider tab to the left until you see the part of the show you wish to watch or listen, and 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.

Keeping Timeshift Files

1. Click the Setup button and select **Setup**. Then choose your desired signal input on the left pane.

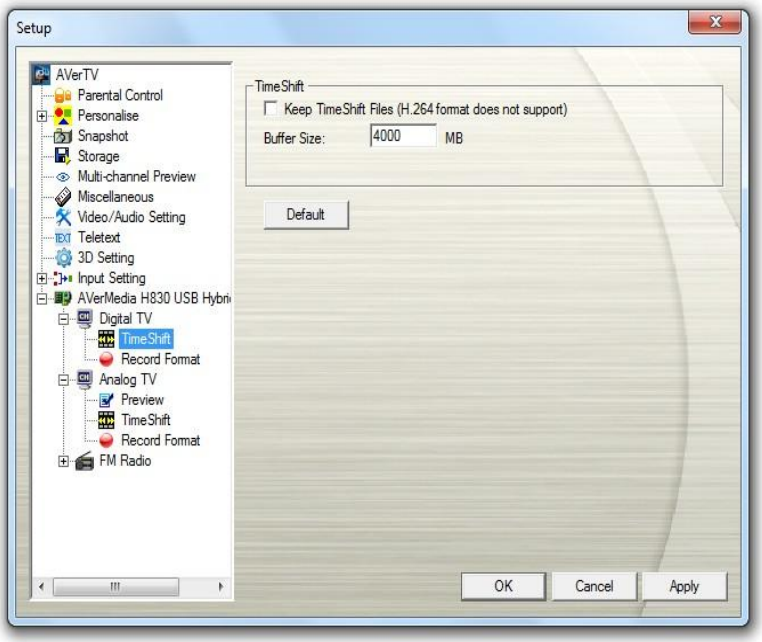
2. Select **Timeshift**.

3. If you want to save the video file, select the **Keep TimeShift Files** check box.

4. Here you can determine the buffer size.

5. Please be noted the items may vary depending on the device you use.

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

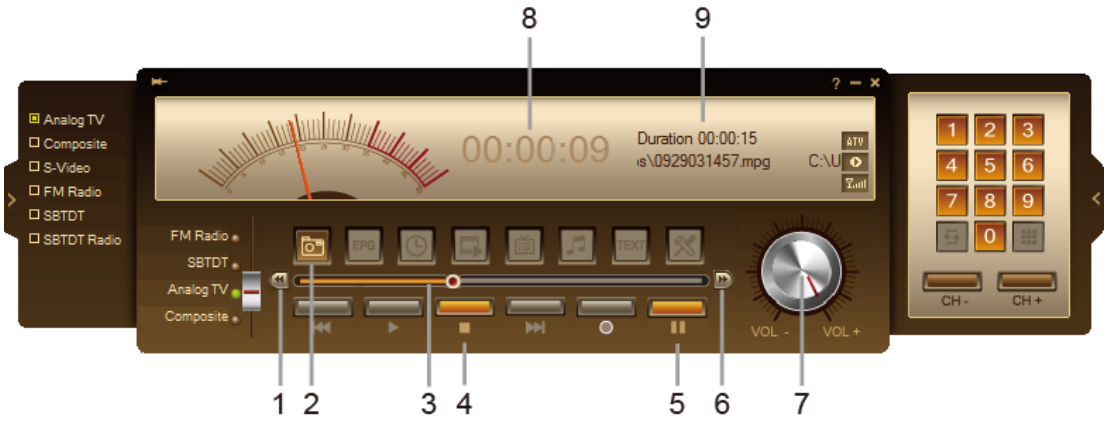


[Hybrid] TimeShift

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.

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.



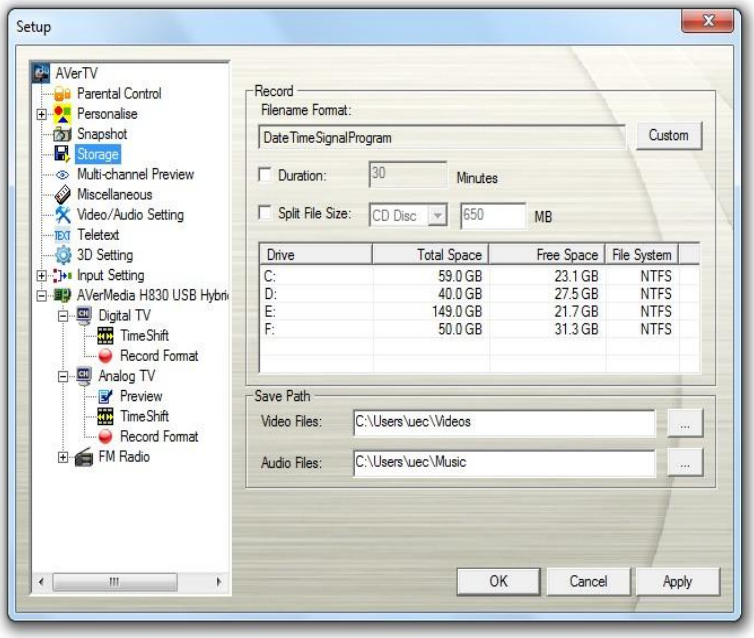
	BUTTON	FUNCTION
1	**Backward**	Click to move backward in intervals
2	**Snapshot**	Capture a single image or a sequence of images.
3	**Playback Seek**	Drag the slider tab to move to any part of the recorded program.
4	**Stop**	Click to terminate recording and return to the live program
5	**TimeShift / Pause**	Click to perform background recording of the live program and play it back simultaneously. / Click to temporarily freeze the playback.
6	**Forward**	Click to skip forward in intervals
7	**Volume**	Drag your mouse right/left to

		increase/decrease the volume level.
8	**Backward Duration**	Show backward duration during Timeshift
9	**Timeshift Info**	Show available Timeshift duration and file info

Customizing TimeShift Settings

Before you start using the TimeShift function, check if its recording settings meet your needs. To check and customize settings:

1. Click the Setup button and select **Setup >Storage**.
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.



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 your mouse over the slider tab to the left until you see the part of the show you wish to watch or listen, and 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.

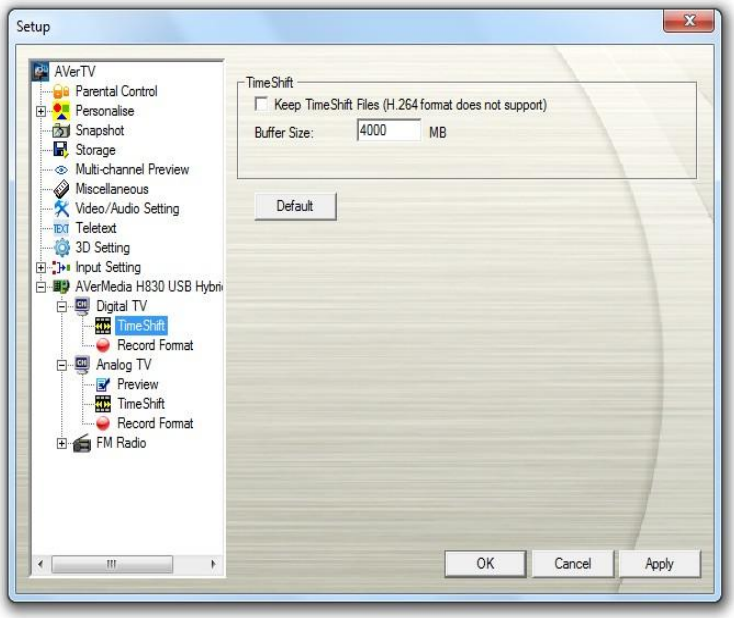
4. To advance forward and skip some parts of the recording (for example TV commercials), drag the slider tab to the right. You can also click the Forward button to move forward in fixed intervals.

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.

Keeping Timeshift Files

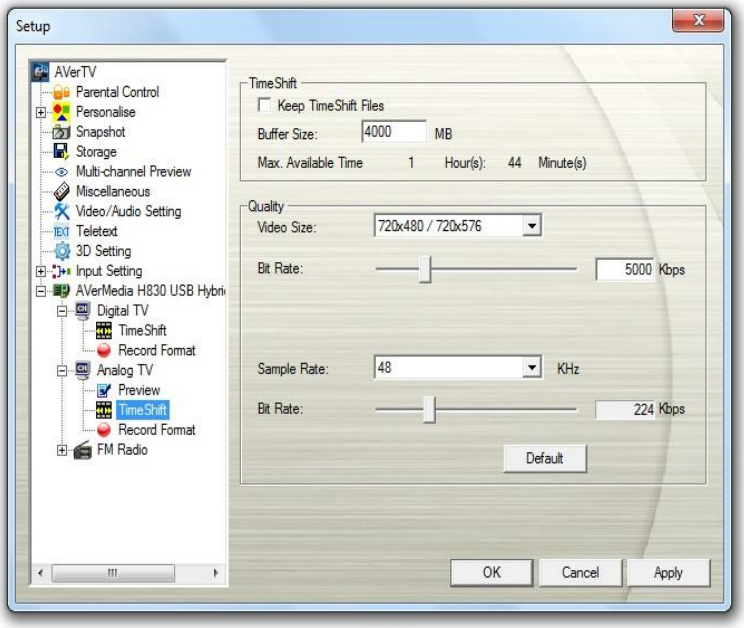
1. Click the Setup button and select **Setup**. Then choose your desired signal input on the left pane.
2. Select **Digital TV**.
3. Select **Timeshift**.
4. If you want to save the video file, select the **Keep TimeShift Files** check box.
5. Here you can determine the buffer size.
6. Please be noted the items may vary depending on the device you use.
7. Click Default if you want to revert to the factory settings.



Customizing TimeShift Video Quality Settings (Analog TV only)

To customize video and audio quality settings

1. Click the Setup button and select Setup. Then choose your desired signal input on the left pane.
2. Select **Analog TV**.
3. Select **Timeshift**.
4. Determine the video and audio quality for timeshifting.
5. If you want to revert to default settings, please click Default.
6. Click Apply to save the new settings and click OK to exit the current dialog box. Or, click Cancel to use the original settings.



Recording and Playback

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.

Recording Controls

Use the following button controls for recording and video playback.

	BUTTON	FUNCTION
1	Snapshot	Capture a single image or a sequence of images.
2	Stop	Click to stop recording or playback.
3	Record	Record the current program.
4	Volume	Drag your mouse up/down to increase/decrease the volume level.
5	Recording Duration	Show recording duration time.
6	Recordings Info	Show recorded file information.

Recording Settings

Before recording, check if the settings meet your needs.

1. Click the Setup button and select **Setup > Storage**.

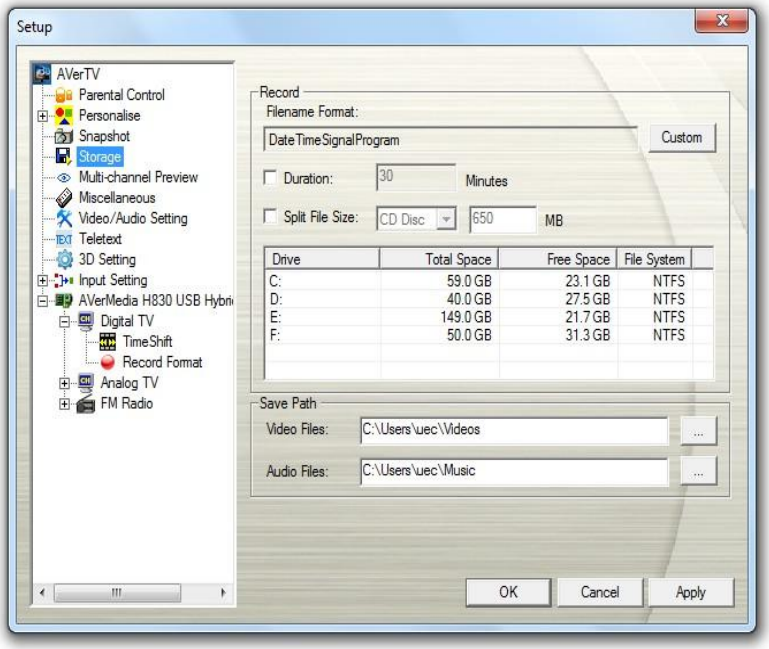
2. By default, the system sets the recording **Date and Time** as the file name format. To create your own file name format, please click **Custom**.

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. 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 FileSize** option and select the appropriate video file size from the drop-down menu 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**.



- To determine the file format, please refer to the section titled **Customizing Video Recording Settings** or **Customizing Audio Recording Settings.**

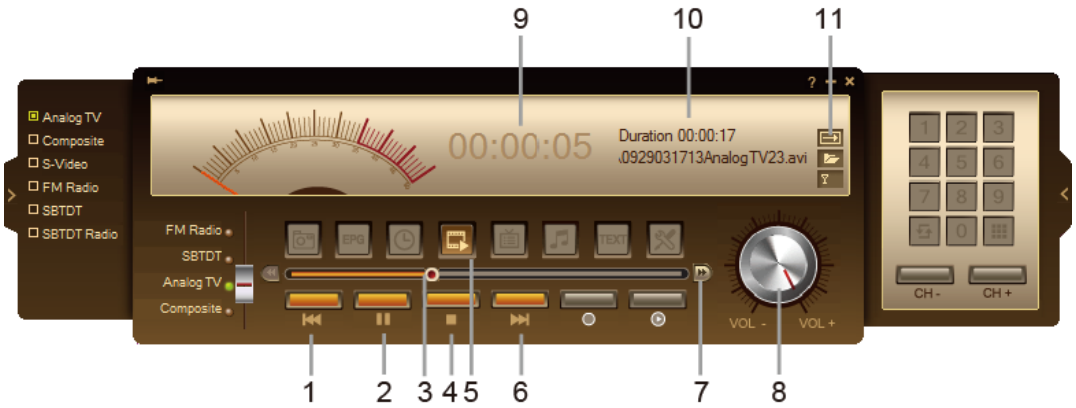
Using the Recording Function

To record a program

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.

Playing a Recorded Program

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



	BUTTON	FUNCTION
1	Play Previous File	Click to go to the previous video file in the playlist.
2	Play /Pause	Click to play back / Click to temporarily freeze the playback.
3	Playback Seek	Drag the slider tab to move to any part of the recorded file.
4	Stop	Click to stop recording or playback.
5	Play List	Click to create a playlist of video files to play back.
6	Play Next File	Click to go to the next video file in the playlist.
7	Forward	Click to switch to the next playback speed level.
8	Volume	Drag your mouse up/down to increase/decrease the volume level.
9	Backward Duration	Show backward duration time during playback.
10	Playback Info	Show playback file information.
11	Repeat Play Status	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.

To play back the recorded video files

- Click the Play button or drag the recorded video file to the TV Monitor or Control 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, and 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.

To REPEAT playback of the recorded video files

- 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**.

  or

- Right click the **Repeat Icon** on the Control Panel. In the pop-up menu, point to **Repeat Once**, **Repeat All**, or **Repeat Off**.

  or

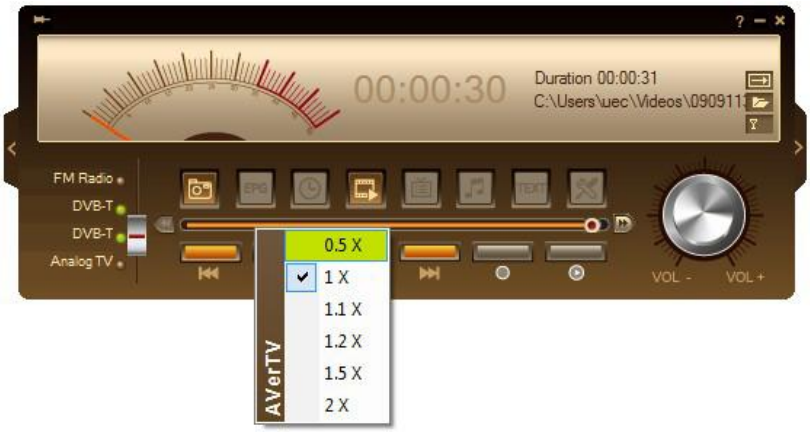
- Click on the **Repeat Icon** on the Control Panel to switch between **Repeat Once**, **Repeat All**, or **Repeat Off**.

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

- Right click on the playback slider, and select the speed you want in the forward speed list.

  or

1. Click on the **Fast Play Speed Loop** icon at the right end of the slider. Click to switch to the next speed level based on the sequence in the playback speed list.
2. 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.



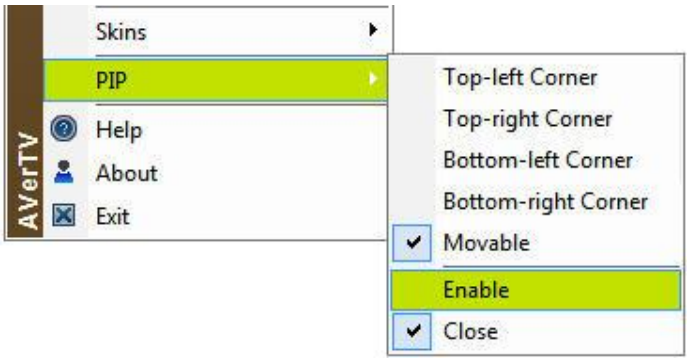
Picture-in-Picture Display

With the picture-in-picture window feature, you can play back recorded video files, and simultaneously, watch live TV.
To enable PIP function

1. Right click the TV monitor, select **PIP** and choose **Enable**.

2. You can also point to **PIP** and select a desired position of the PIP window.

3. 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 simultaneously, watch live TV on the PIP window.

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 .

Scheduler

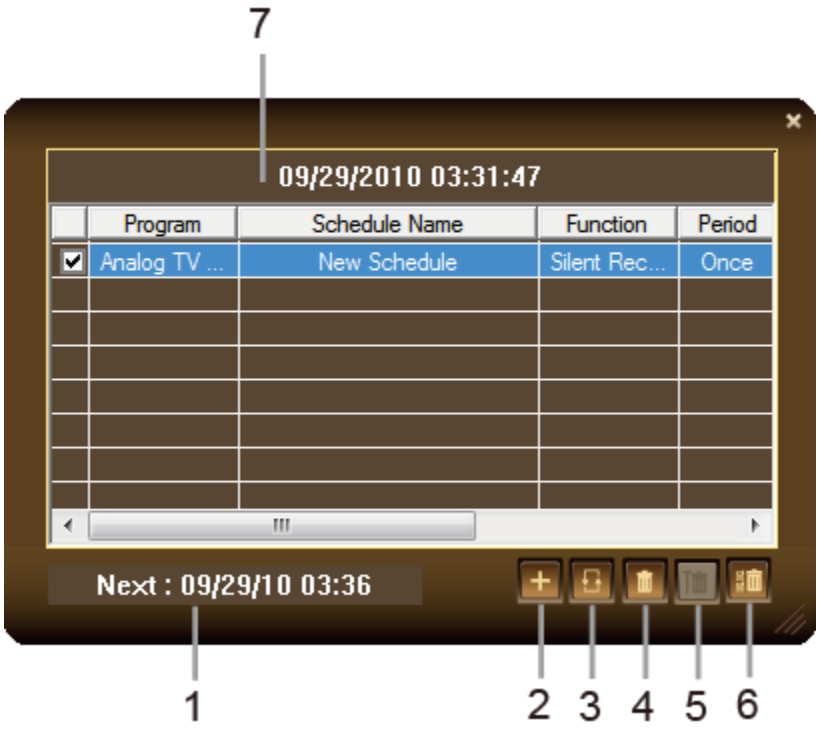
The Scheduler allows you to create a list of preset schedules for watching and recording your favorite TV/Radio programs. You can set the day and time to record the TV/Radio program and specify the length of recording.

Scheduler Controls

To run this application

1. Click the **Schedule** button on the Control Panel. Then the Scheduler dialog box will appear.

2. The check box next to the **Program** column 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.



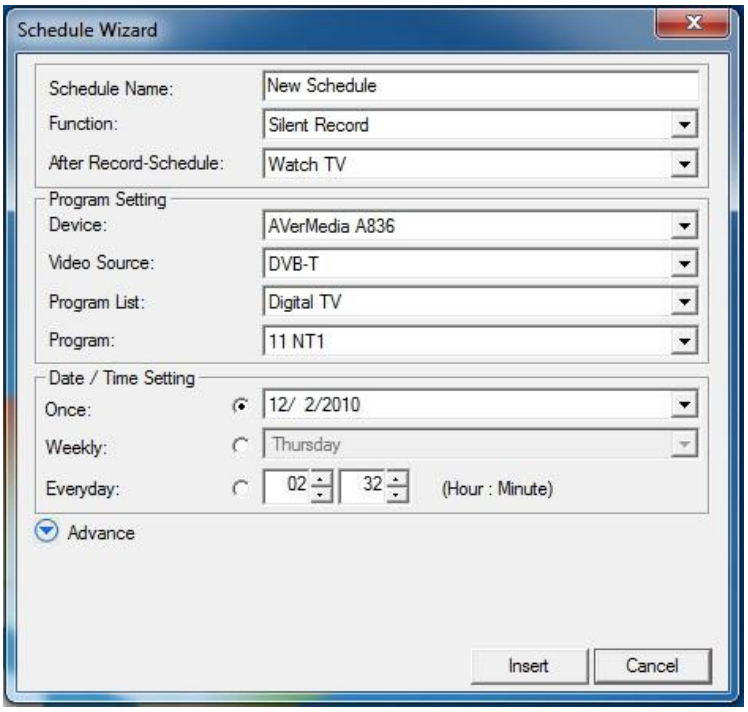
1	Next Schedule Time	Show the next schedule activation time.
2	Insert	Add a new schedule.

3	Modify	Select a preset schedule and click this button to make changes.
4	Delete	Click this to delete selected schedule.
5	Delete Expired Schedule	Click this to delete the expired schedule.
6	Delete All	Click this to delete all schedules.
7	Current Time	Show current time.

Adding Schedules

To create a new schedule

1. Click the Add button .
2. The **Schedule Wizard** dialog box appears.
3. Type the desired name in the Schedule Name text box.
4. From the Function drop-down menu, select the action to be scheduled.
    - **Activate AVerTV** : Watch a TV program or listen to a radio broadcast.
    - **Record** : Save a TV/Radio program for future viewing/listening.
    - **Silent Record** : Perform background recording instead of activating the TV/Radio program.
    - **Timeshift** : Schedule a task to enable Timeshift function.



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.

5. In the **After Record-Schedule**, select a power control status after the scheduled recording is completed.

   - **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.

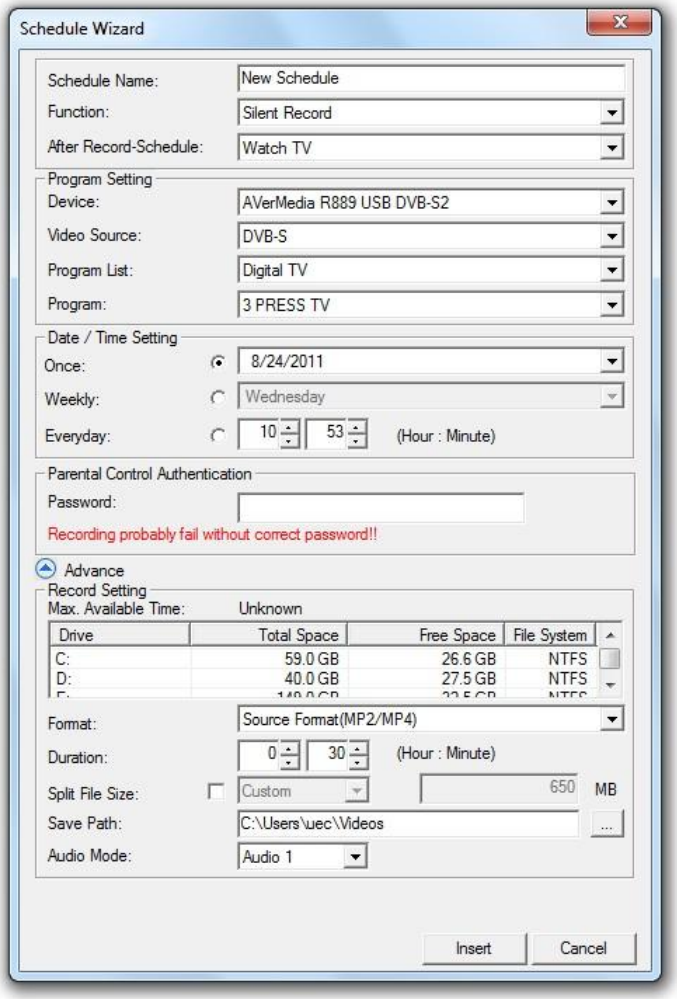
Note: If you choose **Watch TV** from the drop-down menu, after completing the **Silent Record** task, the icon will appear on the task bar (the lower right corner of the screen). Just double-click this icon, you can immediately watch live TV or listen to the radio.

6. In the **Program Setting** section, select the desired device, video source, group and channel you want.

7. In the **Date/ Time** section, select the frequency for your recording: Once, Weekly, or Everyday.

   - Once : Perform schedule at a preset day and a preset time.
   - Weekly : Perform schedule every week, at a preset day and time.
   - Everyday : Perform schedule everyday at a preset time.

8. If you choose **Activate AVerTV** in step 4, click **Insert** to complete the settings.
9. If you choose **Record** or **Silent Record**, you need to do the followings.
10. Click the **Advance** icon.
11. In the **Record Setting** section, you



can determine the file format, recording duration, file size, destination folder and audio mode.

12. Click Insert to save the new schedule or click **Cancel** to abort without saving.

If your device supports Parental Control, you may see the **Parental Control Authentication** section appeared in the Schedule Wizard window. Enter the password you've set to ensure a succesful scheduled recording.

Radio

Radio Controls

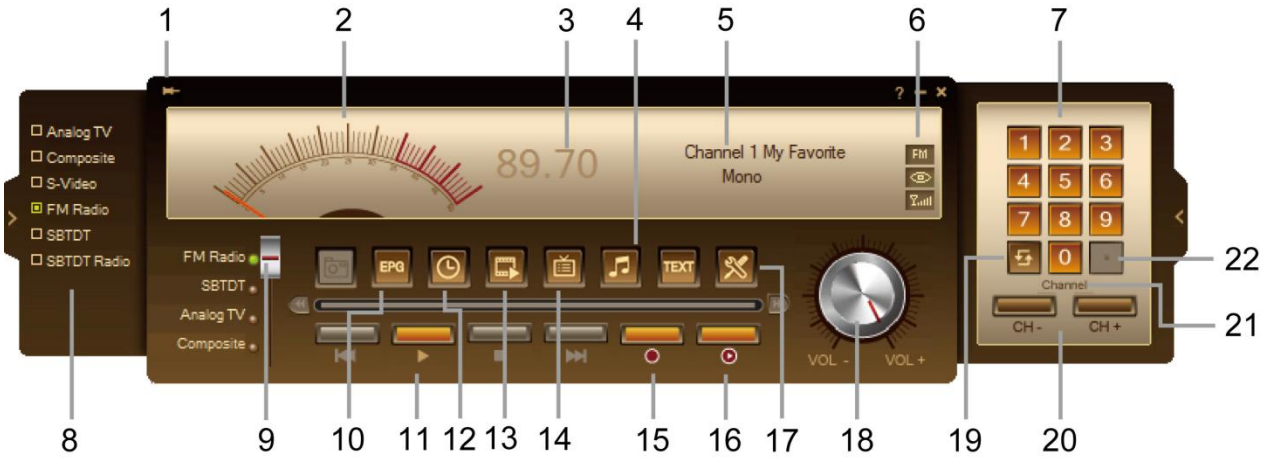
To listen to the radio

- Switch to the Radio mode on the control panel to listen to your favorite radio station programs.

Please scan channels first before using radio controls.

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

To change back to live TV, simply switch to the TV signal source.



1.	Always On Top	13.	Play List Program Group Program Group Setting
2.	Spectrum Dashboard	14.	Program List
3.	Frequency Display	15.	Record
4.	Audio Mode	16.	TimeShift / Pause
5.	Channel Display	17.	Setup Individual Channel Setting
6.	Status Info	18.	Volume Control
7.	Numeric Buttons	19.	Channel Loop
8.	Source Panel	20.	Channel Up/Down
9.	Source Switch	21.	Dot (Frequency Input Mode)
10.	EPG (Electronic Program Guide)	22.	Switch to Channel /Frequency Input Mode
11.	Play / Pause		
12.	Schedule		

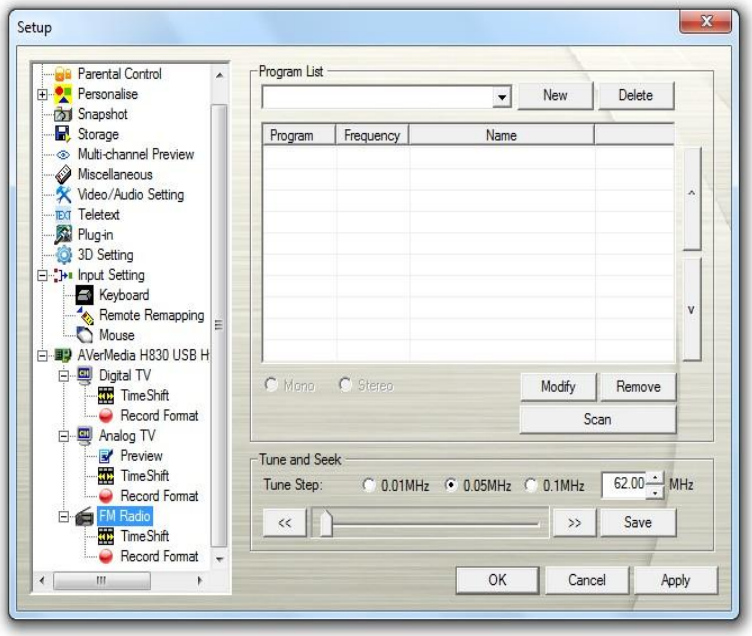
Auto Scanning Radio Channels

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

To auto scan Radio stations

1. Click the **Setup** button and select Setup. Then choose an available AVerMedia device in the left pane.

2. Then select **Radio**.

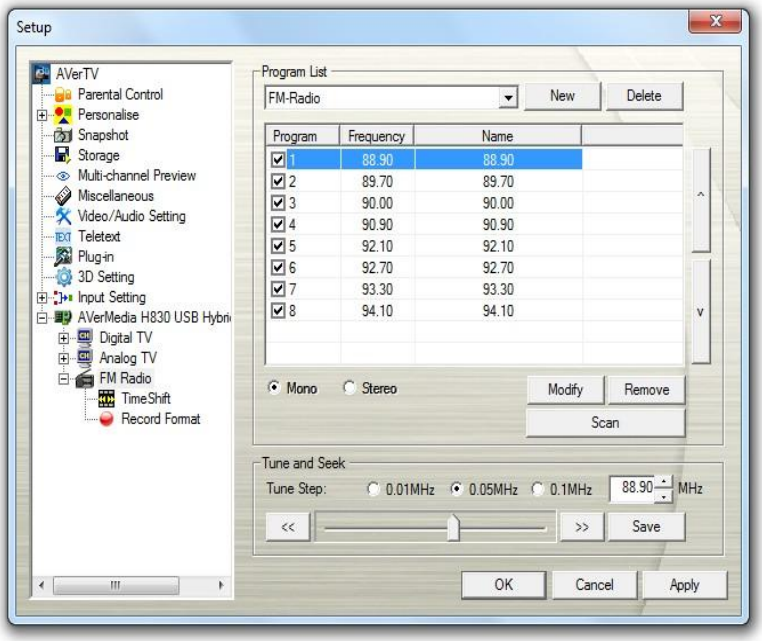


3. Click **Scan**. All active channels will be automatically scanned and memorized.

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

4. To terminate the scanning, click **Stop**.

5. Click **Apply** to save the setting and click **OK** to exit the current dialog box. Click **Cancel** to abort without saving.



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 menu.

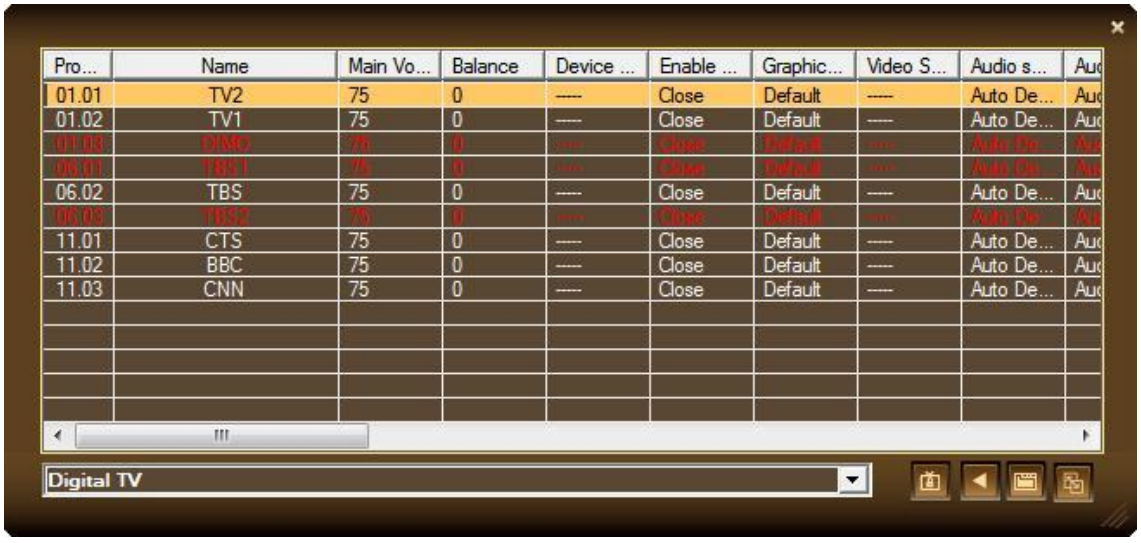
Selecting a Radio Channel

To select a channel

1. Click on the Numeric buttons to select a channel.
2. Click the **Channel Up/Down** button repeatedly until reaching your desired channel.
3. 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

1. Use the numeric keys on your keyboard to select a channel.
2. Click the Program List button . When the Program Panel appears, select the Display Mode button . Choose the desired program list from the drop-down menu and then double-click on the desired channel**.**

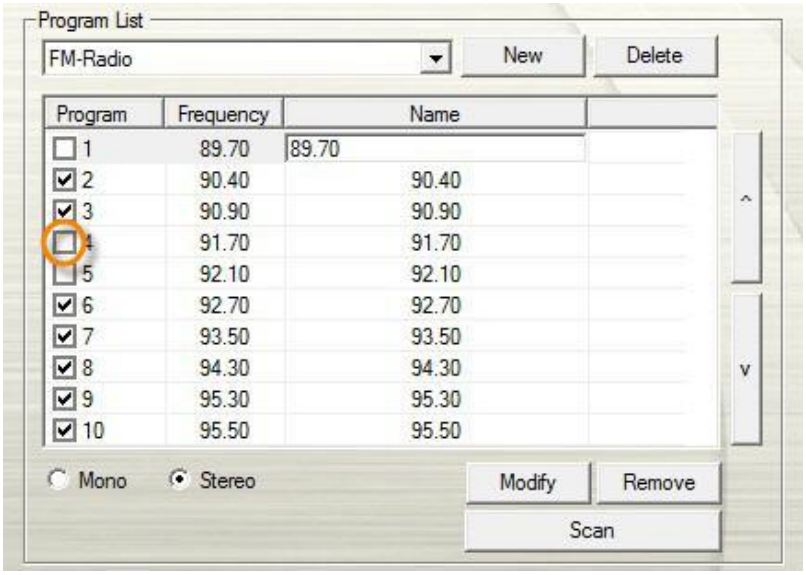


Encryted channels (eg. pay TV channels) are in red text.

Skipping Unwanted Radio Channels

To exclude undesirable channels from your channel list

1. Click the **Setup** button and select **Setup > Radio** icon on the left pane.
2. 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.



Adjusting Radio Volume

To increase or decrease the volume level

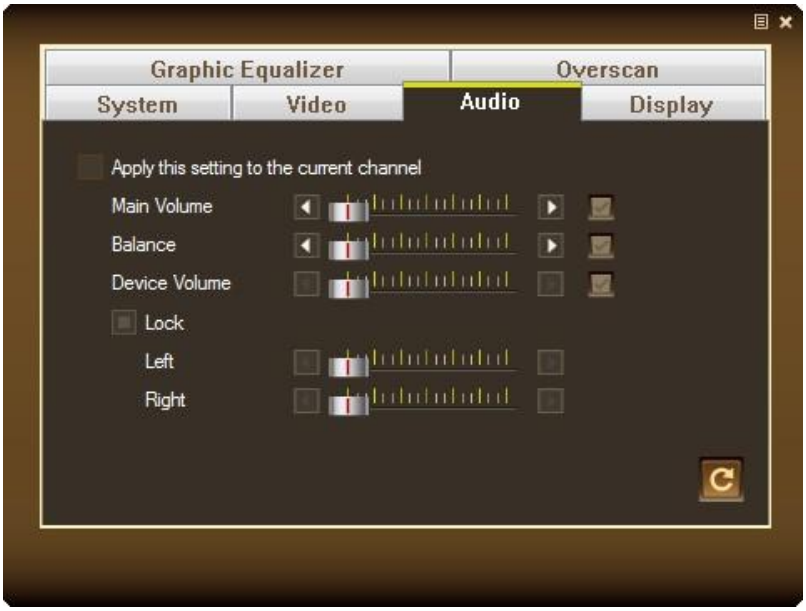
- Click and drag your mouse over the **Volume** knob on the control panel.

  or

- 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**.
2. When a dialog box appears, select **Audio** tab.
3. Use ◀ and ▶ to adjust the system volume or the device volume.

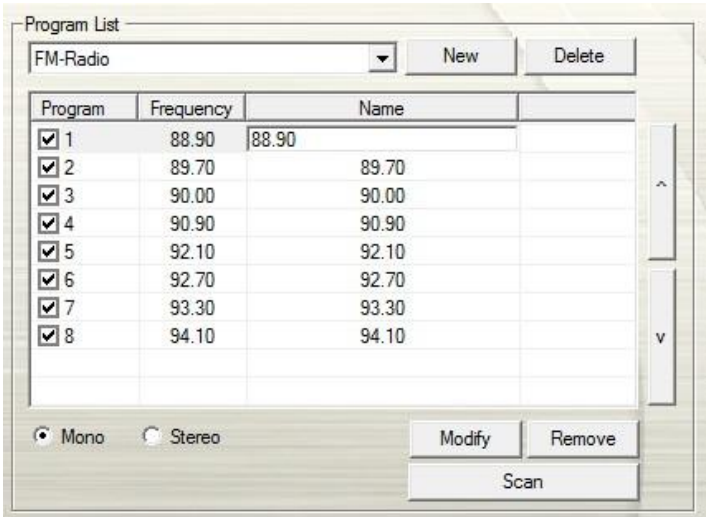


4. If you just want to adjust individual volume level, select **Apply this setting to the current channel** and repeat step 3 to increase or decrease volume.
5. To apply the converted settings to all channels, click **Apply All** button ✔.
6. Click **Default** button ↻ if you want to revert the factory settings.

Modifying a Radio Name

You can manually modify any exiting Radio channel

1. Click the **Setup** button 🔧 and select **Setup > Radio**.
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.**
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.

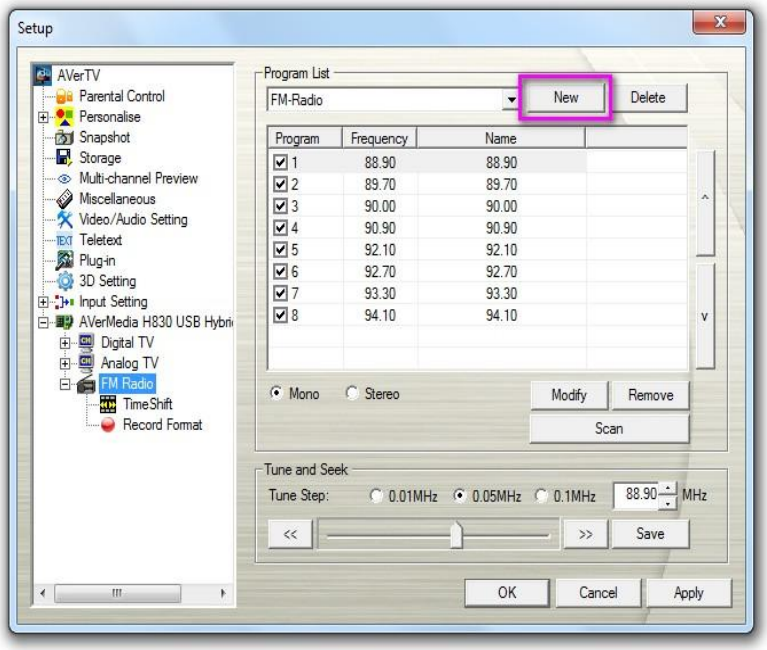


Adding and Deleting Radio Program Lists

Selecting a program list allows you to switch between the channels of the selected program list only when pressing the Channel Up/Down button.

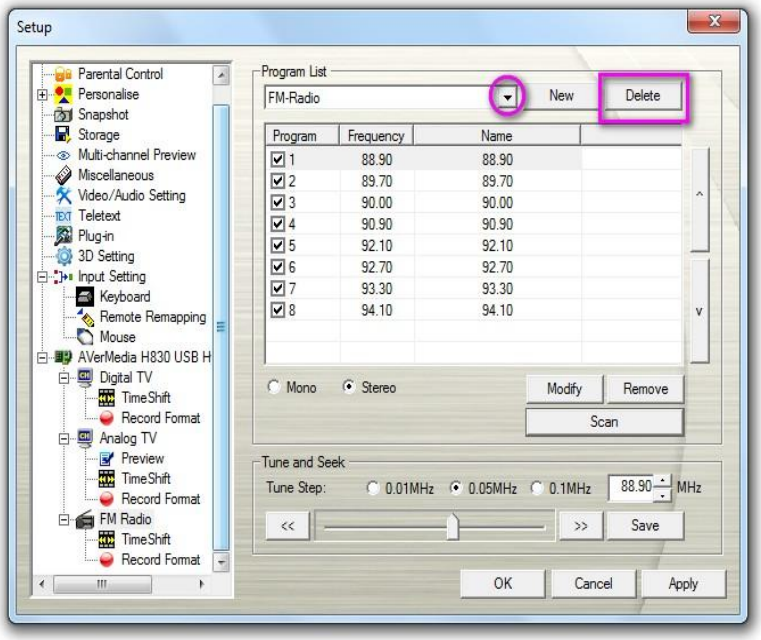
To add a new program list:

1. Click the **Setup** button and select **Setup >Radio**.
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 Radio channels and manage the scanned FM data for this new program list. For more information, refer to **Auto Scanning Radio Channels**.
4. To add more program lists, repeat the previous steps.



To delete a program list:

1. Click the **Setup** button and select **Setup >Radio**.
2. From the drop-down menu, select the name of the program list that you want to remove.
3. Click **Delete** to remove the selected program list.



Creating and Deleting Radio Channel Groups

To add a new channel group:

1. Click the **Program List** button on the control panel. Select **Program Group**. Then click the **Setup** button .

   Or

   Click the Program List button on the control panel. Select Program Group Setting.

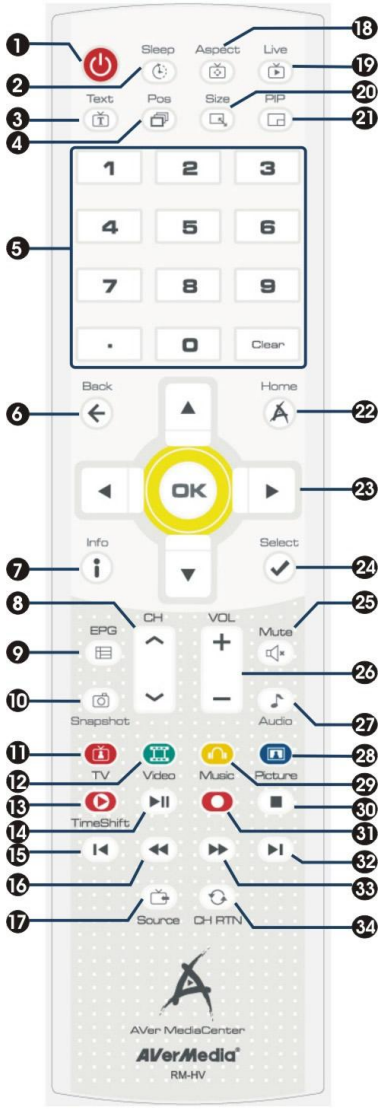
2. When a dialog box appears, click **New** button .

3. Specify the desired name in the text box.
4. Click on the desired channel, and then click to add your selection to the desired group. Or drag the selected channels and drop them to the desired group.
5. Click **Save** to save the settings or click **Cancel** to abort without saving. If you want to

delete the unwanted group, simply click **Delete** .

Remote Control

Model: RM-HV

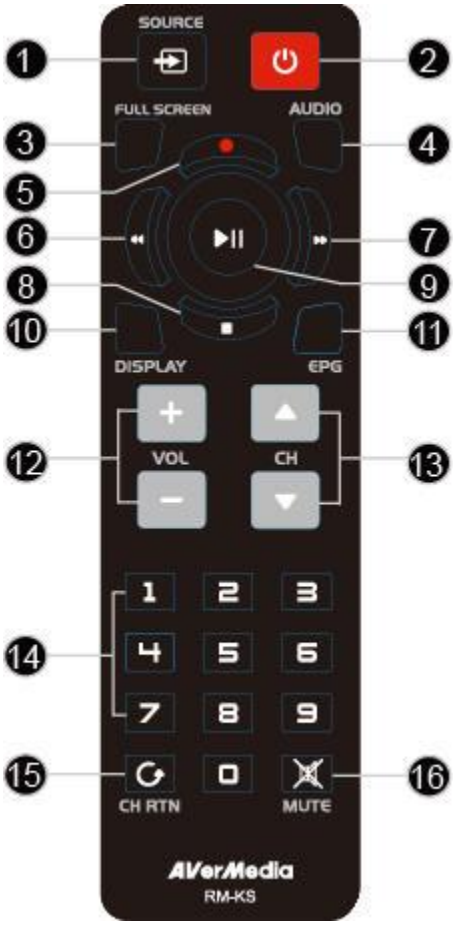


Button	Description
(1)	Turn on/off the application.
(2)	Set the time to put your computer into Stand By or Hibernate mode/exit the application or turn off the computer.
(3)	View Teletext/Close Caption information.

(4)	No function
(5)	Use numeric buttons to select a channel.
(6)	No function
(7)	Display information.
(8)	**Teletext Mode**: Jump to the teletext page of the button color.
(9)	View EPG information. (This function is only available for digital TV)
(10)	Screen capture.
(11)	**Teletext Mode**: Jump to the teletext page of the button color.
(12)	**Teletext Mode**: Jump to the teletext page of the button color.
(13)	Switch from Live TV or Radio to TimeShift mode.
(14)	Play the selected file or pause the playback.
(15)	Go to the previous item in the playlist.
(16)	Timeshift Mode: Rewind in intervals.
(17)	Switch between available signal sources.
(18)	Enable or disable the function of keeping original aspect ratio of the video source.
(19)	Display TV in full screen.
(20)	No function
(21)	Activate the Picture in Picture (PIP) / Multi-Channel Preview function.
(22)	When teletext is in Main Window Display Mode, press to go to teletext homepage.
(23)	Multi-channel Preview Mode: use the navigation buttons to navigate all on-screen items

	and use OK to confirm the selection.
(24)	No function
(25)	Turn off/on the sound.
(26)	Volume up/Volume down.
(27)	Change between available audio modes.
(28)	**Teletext Mode**: Jump to the teletext page of the button color.
(29)	**Teletext Mode**: Jump to the teletext page of the button color.
(30)	Stop the playback, recording, TimeShift, etc.
(31)	Record the current program.
(32)	Go to the next item in the playlist.
(33)	Fast forward in intervals.
(34)	Return to the previous channel.

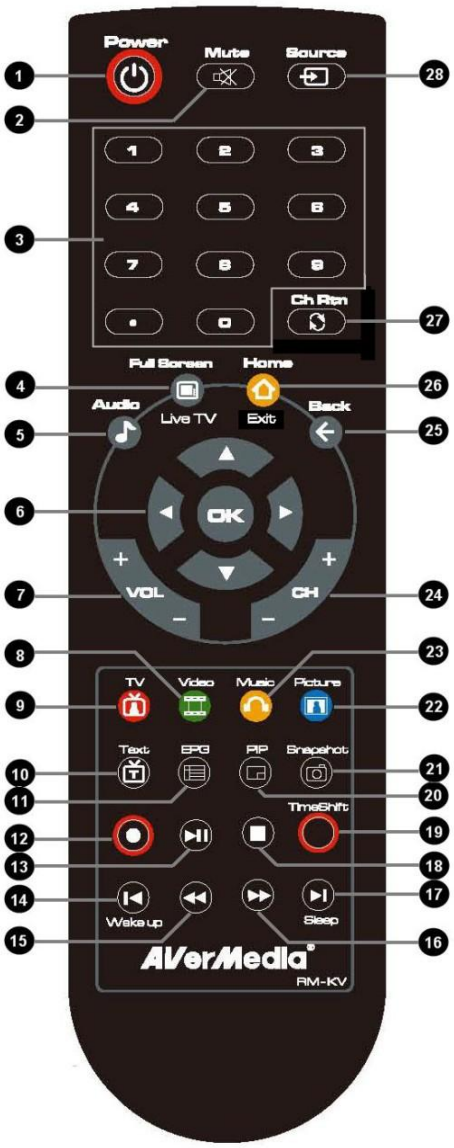
Model: RM-KS



Click	To...
1. SOURCE	Switch between available signal sources.
2. POWER	Turn on/off the application
3. FULL SCREEN	Display TV in full screen.
4. AUDIO	Switch between available audio modes.
5. ● (Record)	Record the current program or video into your hard drive.
6. ◂◂ (Rewind)	Rewind the playback.
7. ▸▸ (Forward)	Advance the playback.

8. ■ (Stop)	• End the Playback or recording. • Leave the TimeShift mode and return to live TV or Radio mode.
9. ► (Play) / PAUSE	Play the last recorded or played file. / Pause the playback.
10.DISPLAY	Display information.
11.EPG	Launch the Electronic Program Guide. (DVB-T only)
12.VOL＋/－	Volume up/down.
13.CH ▲/▼	Go up or down to the next active channel.
14.Numeric Buttons	• Select a TV channel. • Under the 16-Channel preview mode, use 2 4 6 8 to highlight the intended channel.
15.CH RTN	Return to the previous channel.
16.MUTE	Turn on/off the sound.

Model: RM-KV

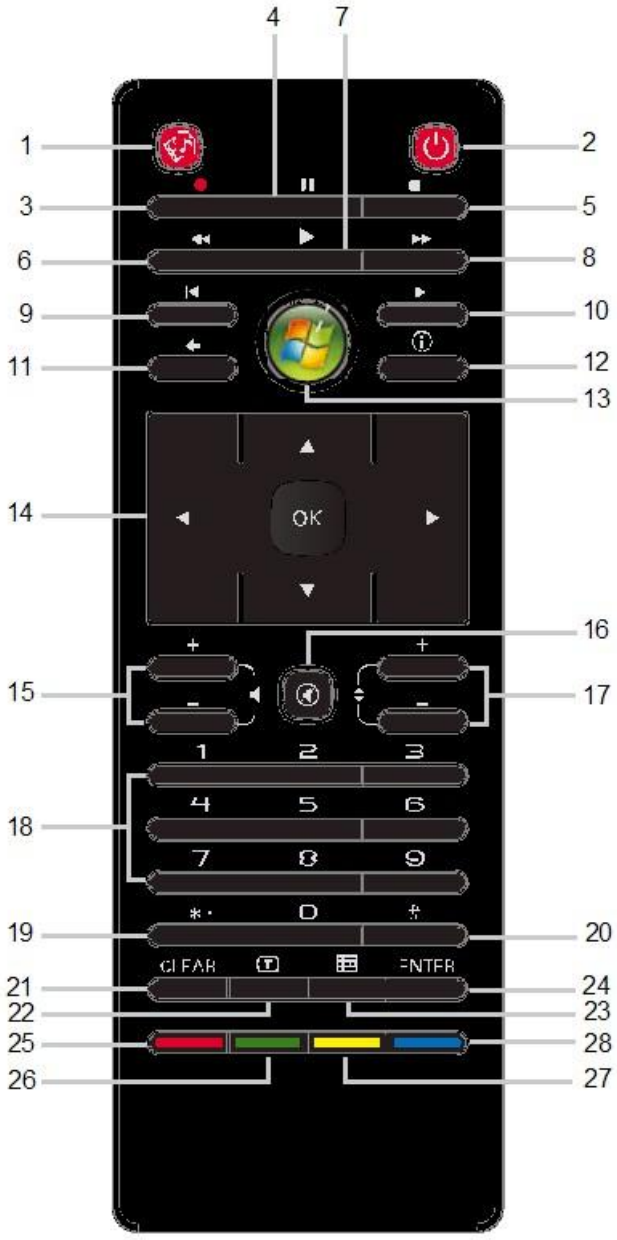


Button	Description
(1)	Turn on/off the application.
(2)	Turn off/on the sound.
(3)	Use numeric buttons to select a channel.
(4)	Display TV in full screen.

(5)	Change between available audio modes.
(6)	No function
(7)	Volume up / Volume down.
(8)	**Teletext Mode**: Jump to the teletext page of the button color.
(9)	**Teletext Mode**: Jump to the teletext page of the button color.
(10)	View Teletext / Close Caption information.
(11)	View EPG information. (This function is only available for digital TV)
(12)	Record the current program.
(13)	Play the selected file or pause the playback.
(14)	- Go to the previous item in the playlist. - Set the time to bring your computer out of Stand By or Hibernate mode.
(15)	Rewind in intervals.
(16)	Fast forward in intervals.
(17)	- Go to the next item in the playlist. - Set the time to put your computer into Stand By / Hibernate mode, exit the application or turn off the computer.
(18)	Stop the playback, recording, TimeShift, etc.
(19)	- Switch from Live TV or Radio to TimeShift mode. - Pause the playback.
(20)	Activate the Picture in Picture (PIP) / Multi-Channel Preview function.
(21)	Screen capture.
(22)	**Teletext Mode**: Jump to the teletext page of the button color.

(23)	**Teletext Mode**: Jump to the teletext page of the button color.
(24)	Channel up and channel down.
(25)	Go back to the previous page. (This function is only available for AVer MediaCenter) Exit 3DTV mode.
(26)	Exit from CI/CA Information dialog. (This function is only available for the device supporting CI/CA interface.)
(27)	Return to the previous channel.
(28)	Switch between available signal sources.

Model: RM-MM

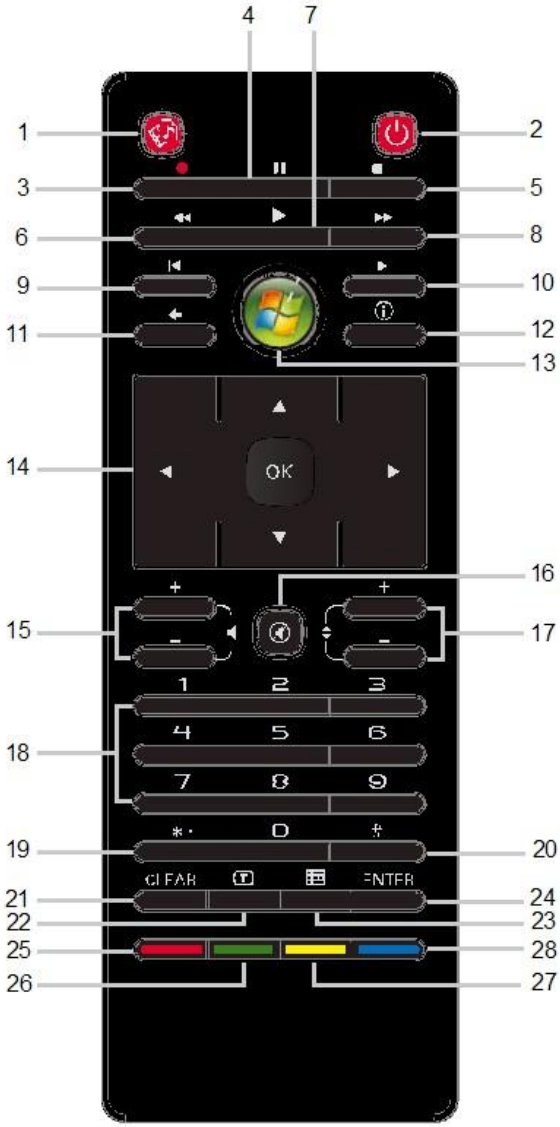


Button	Description
(1)	X
(2)	Turn on/off AVerTV 3D.
(3)	Record the current program.

(4)	Freeze the Playbak or Timeshift
(5)	Stop the playback, recording, TimeShift, etc.
(6)	Rewind the playback or Timeshift.
(7)	Play the selected file.
(8)	Forward the playback or Timeshift.
(9)	Forward the playback or Timeshift.
(10)	Go to the next item in the playlist.
(11)	Exit from CI/CA Information dialog (This function is only available for the device with CI/CA function).
(12)	Display OSD information.
(13)	X
(14)	Under the 16-Channel preview mode, use arrow buttons to highlight the intended channel. Use OK to confirm the selection. In Preview mode, press OK to open Program List. In Program List, use ◄ / ►buttons to go to the previous/next page, and use ▲/▼buttons to navigate items. Press OK to confirm the selection.
(15)	Volume Up/Down
(16)	Turn off/on the sound
(17)	Channel up/down
(18)	Use numeric buttons to select a channel
(19)	. (dot / Period)
(20)	Return to previously accessed channel.
(21)	CLEAR

(22)	View Teletext/MHEG-5/Closed Caption information.
(23)	View EPG information (This function is only available for digital TV).
(24)	Return to previously accessed channel.
(25)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.
(26)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.
(27)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.
(28)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.

Model: Other



Button	Description
(1)	Turn on/off AVerTV 3D.
(2)	Turn off the AVerTV 3D.
(3)	Record the current program.
(4)	Freeze the Playbak or Timeshift

(5)	Stop the playback, recording, TimeShift, etc.
(6)	Rewind the playback or Timeshift.
(7)	Play the selected file.
(8)	Forward the playback or Timeshift.
(9)	Forward the playback or Timeshift.
(10)	Go to the next item in the playlist.
(11)	Exit from CI/CA Information dialog (This function is only available for the device with CI/CA function).
(12)	Display OSD information.
(13)	Close AVerTV application and launch Windows Media Center in full screen.
(14)	Under the 16-Channel preview mode, use arrow buttons to highlight the intended channel. Use OK to confirm the selection. In Preview mode, press OK to open Program List. In Program List, use ◄ / ►buttons to go to the previous/next page, and use ▲/▼buttons to navigate items. Press OK to confirm the selection.
(15)	Volume Up/Down
(16)	Turn off/on the sound
(17)	Channel up/down
(18)	Use numeric buttons to select a channel
(19)	. (dot / Period)
(20)	Return to previously accessed channel.
(21)	X
(22)	View Teletext/MHEG-5/Closed Caption information.

(23)	View EPG information (This function is only available for digital TV).
(24)	X
(25)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.
(26)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.
(27)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.
(28)	Jump to the Teletext/MHEG-5 page of the corresponding color according to this button.

Customer Service

The AVerTV 3D 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 pops up, choose **About**.
2. When an information dialog box appears, 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 .