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uMedia uTV User Manual

Last Update: January 1, 2008

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1 Install

1.1 Step 1: Run "Setup.exe"

1.2 Step 2: Click "Next"

1.3 Step 3: Click "Yes"

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1.4 Step 4: Fill in Serial Number, and Click "Next"

1.5 Step 5: Choose Install Destination Folder and Click "Next"

1.6 Step 6: Click "Next"

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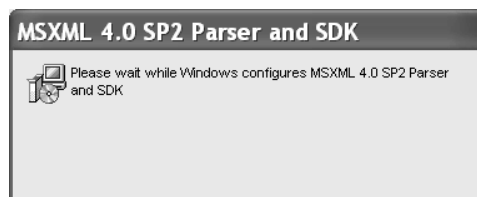
1.7   Step 7: Installing

1.8   Step 8: Click "Finish" to complete installation.

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2   Initial Launch

2.1   Launch uMedia uTV

Double click "uMedia uTV" on desktop, or select from Program Manual (Start->All Programs->uMedia uTV->uMedia uTV) to launch uMedia uTV.

2.2   Setup Wizard – Devices

For the first time uMedia uTV is launched, a Setup Wizard will pop up to guide users to set up device and application. Select a device (if more than one device is installed or plugged in in the computer) and "Next" for further setup.

2.3   Select Country or Region

2.4   Channel Scan

Press "Auto Scan" to scan TV channels. Upon completion, user can edit the channel list by re-ordering and sorting, and then store the channel list to a file by "Save As", or load a channel list from previous session with "Load". Please see Section 4.3 for details of channel list operation. Press "Next " to go to the next page.
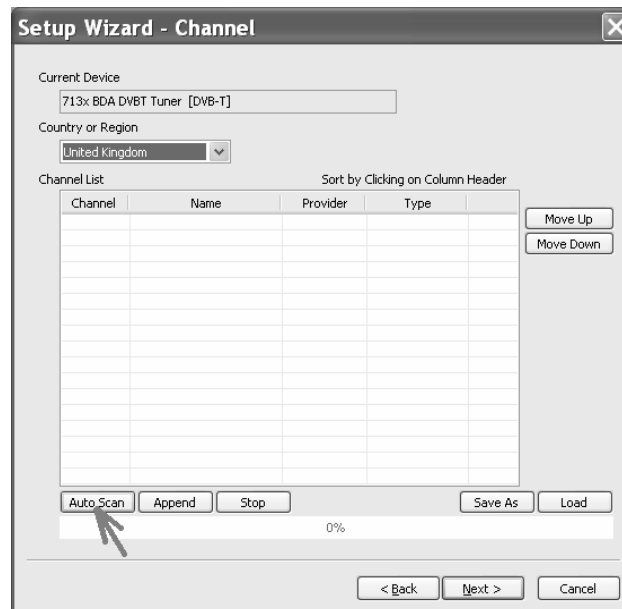
2.5   Set Up Video Decoding

Please see Section 4.6 for details of operation.

2.6   Set Up Audio Output

Please see Section 4.5 for details of operation.

2.7   Set Up Time-Shift

Please see Section 4.4 for details of operation.

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2.8   Set Up Media Storage

Please see Section 4.7 for details of operation.

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3   Functions

3.1   User interface

The application user interface is composed of **Main Window** in the middle, **Control Panel** at the bottom, and **List Panel** and **Information Panel** on the right.
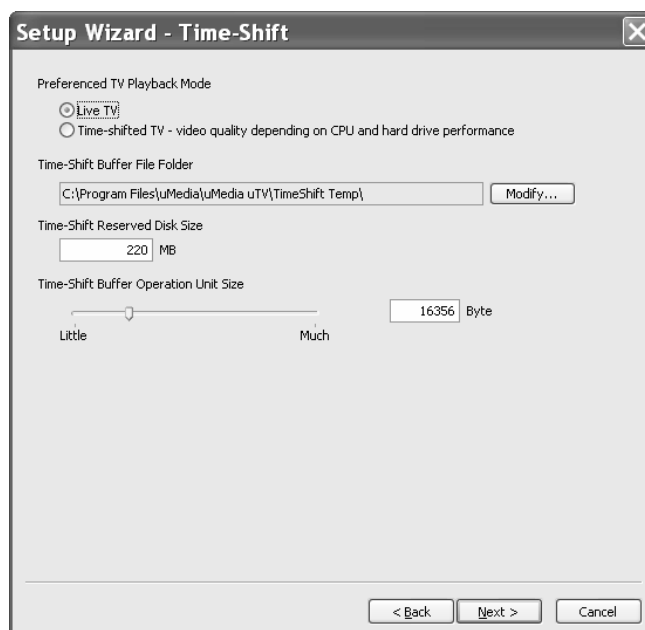

- **Main Window** has three Panel Tabs at the top, namely PLAYING, EPG, and SETUP.

   enables main video or radio display. In this Tab, there is an **Option Panel**

   on its top (beneath Panel Tabs) to allow option selection, channel surfing, and resize video window, and open/close List Panel.

   shows Electronic Program Guide when available.

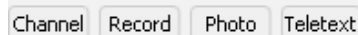   allows users to set up and make settings to the application.
  Right click on Video Window will also bring up a Right Click Option menu.

- **Control Panel** has all player controls, such as channel up and down, volume controls, play, pause, record, etc. It also displays the reception signal strength on the left and broadcasting time on the right.

- **List Panel** has four sub-panels – .
  Channel Sub-Panel lists channels in a tree view structure. The channels are grouped in TV, DVB-Radio, DAB-Radio (if available) and MHEG-5 (if available) categories. The user can switch to a channel by double click on the item.
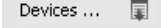
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Record Sub-Panel lists and manages recorded TV or video files. The user can play, rename, delete or open file folder by right click on a selected file, or can play a recording by double click on the item.

Photo Sub-Panel lists captured photo files in two view modes – list view or thumbnail view. The user can take still image capture or delete photos.

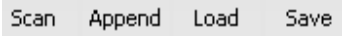**TeleText Sub-Panel** shows a TeleText control panel.

- **Information Panel** displays "Simple" or "Advanced" information about a TV channel, or a playback file.

3.2   Select Device

Click [Devices … ▾] on the Option Panel to select a device, or to launch the Setup Wizard of Section 2 by selecting "Device Setup Wizard …".
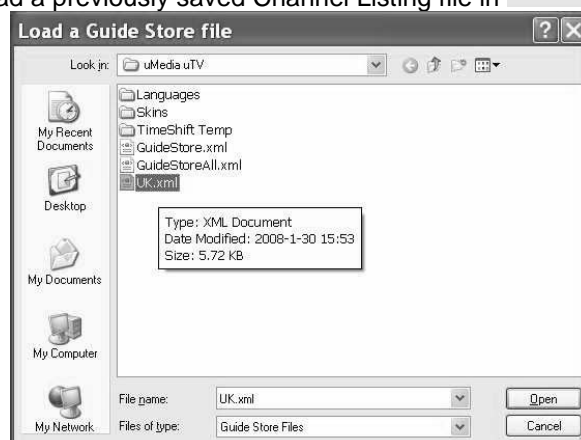

3.3   Channel Scan

Click [Scan] to auto scan channels in Channel List Panel [Scan Append Load Save]. Channel Scan will clear the current channel list and re-start a new scan. To add new scan without clearing the current listing, please use Channel Append as shown in the next section.

3.4   Channel Append

Click [Append] to append new scan to the current listing in [Scan Append Load Save].

3.5   Load Channel List

Click [Load] to load a previously saved Channel Listing file in [Scan Append Load Save].

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3.6 Save scan result

Click [Save] to save the current Channel Listing a file in [Scan Append Load Save] .

3.7 Channel Switch

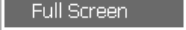Channel Switch can be done by double click a channel in Channel Listing, or by Channel Up/Down in Control Panel.


3.8 Channel Surfing

Click [icon] in Option Panel [Options] to start Channel Surfing, where it will automatically rotate to each channel and play for a short amount of time. User can tune to a channel by single click a channel thumbnail, or can stop surfing and switch to a channel by double click a channel thumbnail.

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3.9   Full Screen Mode or Window Mode

Right click on Video Window will bring up a Right Click Option Menu. Select | Full Screen |
will bring to Full Screen mode. User can double click on Video Window to go to Full Screen
mode as well. Double click again in Full Screen mode will bring player back to Window Mode.
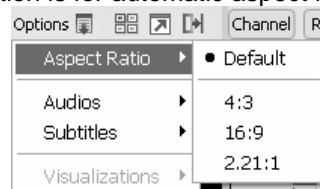
While in Full Screen mode, Single Click will bring up or down Control Panel.
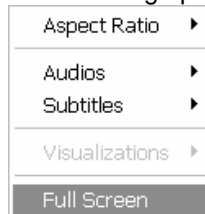
3.10   Option - Video Aspect Ratio

The application will detect video aspect ratio and change video automatically. However, in
case that user needs to change it manually, this can be changed by Aspect Ratio in
Options 🗐 . The "Default" selection is for automatic aspect ratio.
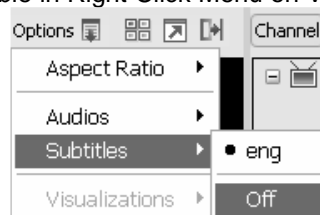

This can also be done in Right Click Option Menu.

3.11   Option - Subtitle

For DVB-T or DMB-TH, click "Subtitles" in Options 🗐 to select among multi-lingual subtitles (if
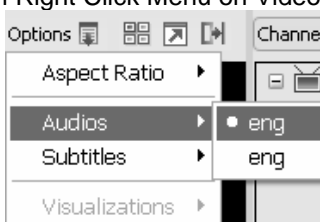available) or disable subtitle.
For ATSC, click "Closed Captions" instead.

The same menu is also available in Right Click Menu on Video Window.

3.12   Option - Audio Language

Click "Audios" in Options 🗐 to select among multi-lingual audio languages (if available). The
same menu is also available in Right Click Menu on Video Window.

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3.13   Option - Audio Visualization

For DVB Radio or DAB Radio, click "Visualizations" in Options to select audio visualization effects or disable it. This can also be enabled for audio file playback. The same menu is also available in Right Click Menu on Video Window.

3.14   Control Panel - Channel Up

Click ▲ in Control Panel to change channel up the Channel List, or press PAGE UP or CTRL+UP hot key.

3.15   Control Panel - Channel Down

Click ▼ in Control Panel to change channel down the Channel List, or press PAGE DOWN or CTRL+DWON hot key.

3.16   Control Panel - Audio Volume

Drag the audio volume slider bar in Control Panel to adjust audio volume, or press F9/F10, or CTRL+LEFT/CTRL+RIGHT hot keys turn audio volume down/up.

3.17   Control Panel - Audio Mute

Click the mute on/off buttons in Control Panel to mute on or off audio volume.

3.18   Control Panel - Recording

Click the record button in Control Panel to start TV or video recording, or press CTRL+R hot key.

3.19   Control Panel - Stop

In TV mode, click the stop button to stop TV or video recording.
In File Playback mode, it will stop file playback.
It can also be enabled by pressing CTRL+SHFT+S hot key.

3.20   Control Panel – Time-Shift Enable

In Live TV mode, click the pause button to enable time-shift. For the firs time this is run, a dialog will popped up to advise user of possible Time-Shift performance loss, and allows user to continue to time-shift or go back to live TV mode.

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3.21   Control Panel – Play Resume

In Time-Shift TV mode, click the play button [image] to resume TV from Pause TV, Fast Forward or Rewind modes.
In File Playback mode, it will resume file playback from Pause Fast Forward or Rewind modes.

3.22   Control Panel – Pause

In Time-Shift TV mode, click the pause button [image] to pause TV.
In File Playback mode, it will pause file playback.
The Play/Pause can be toggled by CTRL+P hot key.

3.23   Control Panel – Fast Forward

In Time-Shift TV or File Playback mode, click the FF button [image] to start fast forward playback or slow motion playback at different speeds: 1.0x, 1.5x, 2.0x, 4.0x, 8.0x, 16.0x, 0.5x, 0.7x, and 0.9x, among which 1.0x, 1.5x, , 0.5x, 0.7x, and 0.9x have pitch-corrected audio. It can also be enabled by pressing CTRL+SHFT+F hot key.

3.24   Control Panel – Rewind

In Time-Shift TV or File Playback mode, click the REW button [image] to start rewind at different speeds: 1.0x, -2.0x, -4.0x, -8.0x, and -16.0x. It can also be enabled by pressing CTRL+SHFT+B hot key.

3.25   Control Panel – Single Stepping

In Time-Shift TV or File Playback mode, click the Step button [image] to play step by step. It can also be enabled by pressing CTRL+ALT+F hot key.

3.26   Control Panel – Seek Slider Bar

In Time-Shift TV or File Playback mode, drag the Seek Slider Bar [image] to seek position.

3.27   Paneled and Non-Paneled Window Modes

Paneled Mode

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Click ⬈ in Option Panel [Options ▤ ▦ ⬈ ⬐] to hide all panels and bring player to Non-Paneled Mode. While in this mode, Single Click in Video Window will bring up or hide Control Panel.

While in Non-Paneled Mode, click ☑ in [⬈ ? — ☐ ✕] will bring the player back to Paneled Mode.
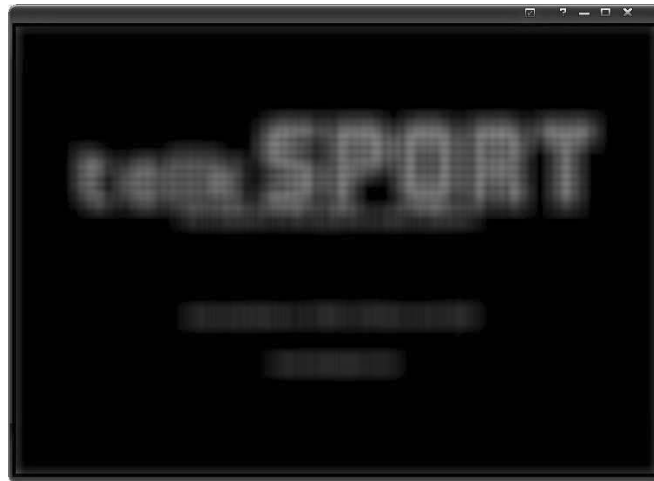
Non-Paneled Mode

3.28 Hide and Show Channel Listing Panel

Click ⬐ in [Options ▤ ▦ ⬈ ⬐] to Channel Listing Panel. And click ⬐ to show it.
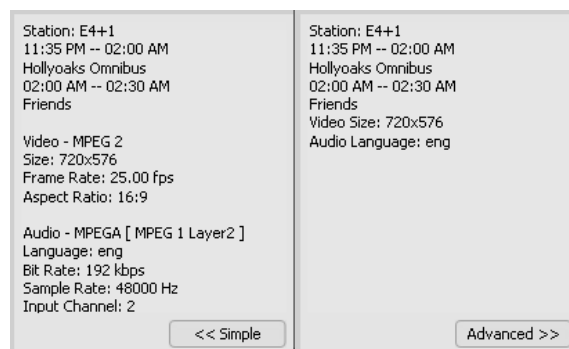

Channel Listing Panel Shown

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Channel Listing Panel Hidden

3.29 Information Panel

Information Panel shows TV program or playback video file information. Click Advanced >>
to expand the panel for detailed information. Click << Simple to go back to simple display.

3.30 Channel Listing Panel

Click Channel in Channel Record Photo Teletext to view Channel Listing, which lists channels
in a tree view structure. The channels are grouped in TV, DVB-Radio, DAB-Radio (if available)
and MHEG-5 (if available) categories. The user can switch to a channel by double click on
the item.

3.31 Record Panel

Click Record in Channel Record Photo Teletext to list and manage recorded TV or video files.
The user can play, rename, delete or open file folder by right click on a selected file, or can
play a recording by double click on the item.

3.32 Photo Panel

Click Photo in Channel Record Photo Teletext to list captured photo files in two view modes – list
view or thumbnail view. The user can take still image capture or delete photos.

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- Click [icon] to capture still image and add into Photo Panel;
- Click [icon] to delete current selected image(s);
- Click [icon] to delete all images.

3.33   Teletext Panel

Click "TeleText" in   Channel Record Photo Teletext to show a TeleText control panel. This control panel is used for UK and Hong Kong MHEG-5 as well.

- Click On in TeleText Panel to display DVB Teletext or MHEG-5 data service. The ON button will be grayed out if no TeleText or data service is available for the channel. Some services have auto-on feature, whereas this will be turned on automatically on channel switch.
- Click Off to close DVB Teletext or MHEG-5 data service.
- Click Save to save current TeleText screen to an image file.

DVB TeleText

MHEG-5 Digital TeleText
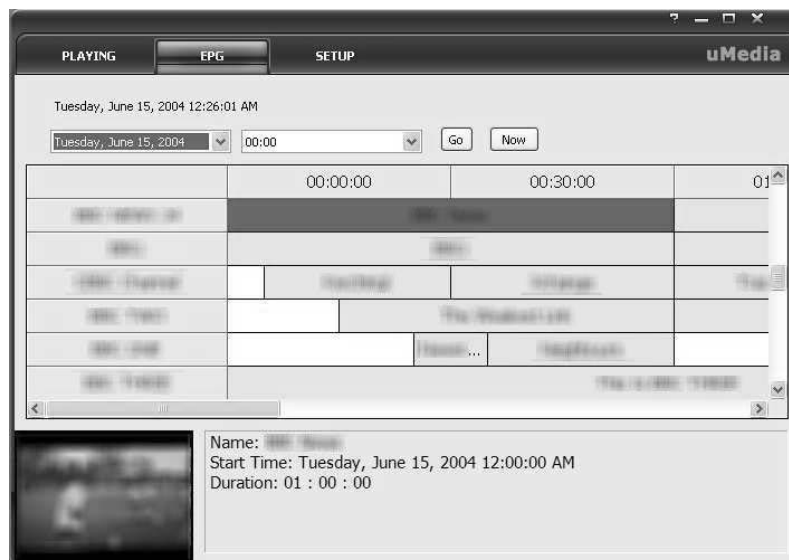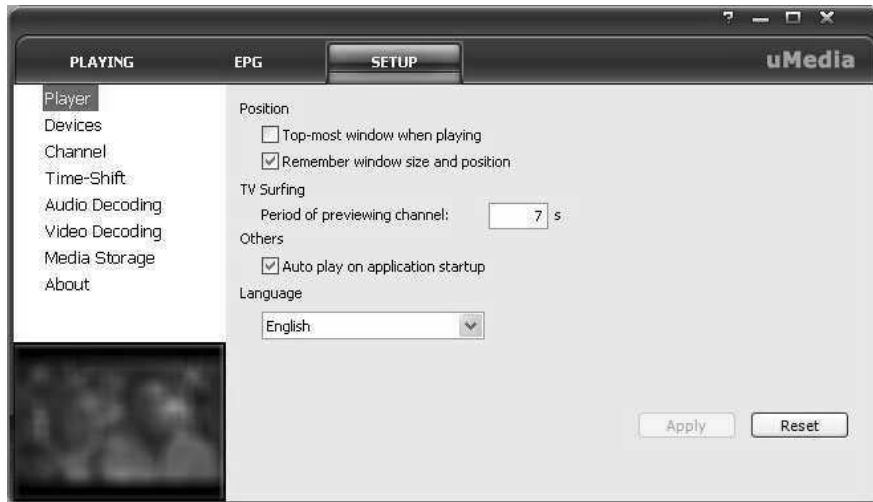
3.34   EPG Panel

EPG will show TV Electronic Programming Guide in a Channel-Time grid. User can search listing by date and time. A BLUE cell means EPG data available for the event and a WHITE cell means its information is not available yet.

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4   Setup

4.1   Player

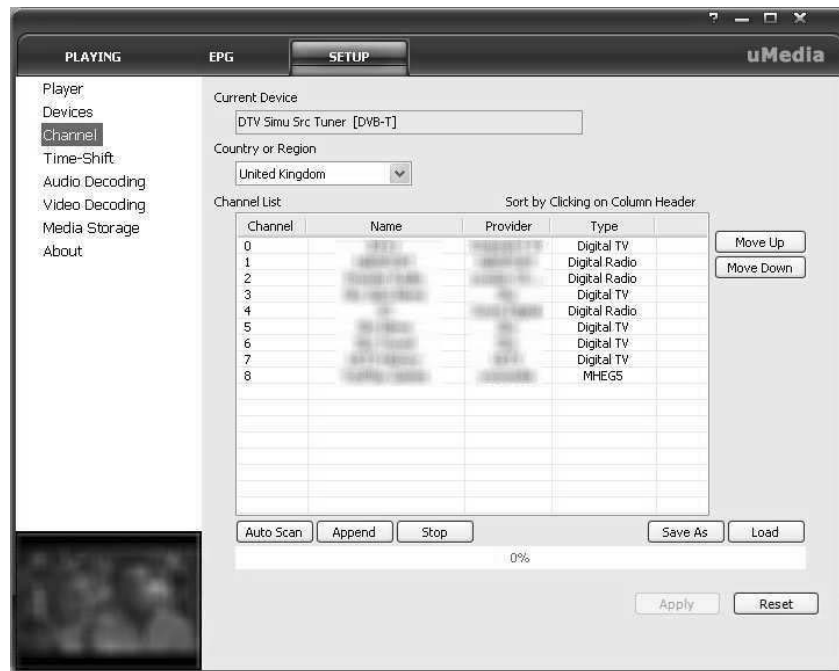General settings for the application

4.2   Devices

Select TV or Video device.

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4.3   Channel

Channel Setup page allows user to select Country or Region, scan channels, re-order or sort channel list, save or load a channel listing.

Click `Scan` to auto scan channels. Scan will clear the current channel list and re-start a new scan. To add new scan without clearing the current listing, please use `Append` instead. User can re-order channel listing by selecting a channel program and using "Move Up" and "Move Down" to change its order. Or user can sort the entire list by clicking on Channel List column headers – Channel, Name, Provider and Type – in sort in ascending or descending order. After scan, re-order and sorting, user can save the current Listing to a file by using `Save`, and later on to load it back with `Load`. The SAVE/LOAD feature is very useful for a user who travels to different cities, so that he/she does not have to do repeat channel scans.

4.4   Time-Shift

Time-Shift Setup page allows user to turn on or off Always Time-Shift feature. Time-shift quality depends on computer CPU, hard drive, and graphic card performance. It is advised that user turn off Time-Shift, should user observe any performance issue.

User can change Time-Shift buffer storage location, Time-Shift buffer size and other parameters.

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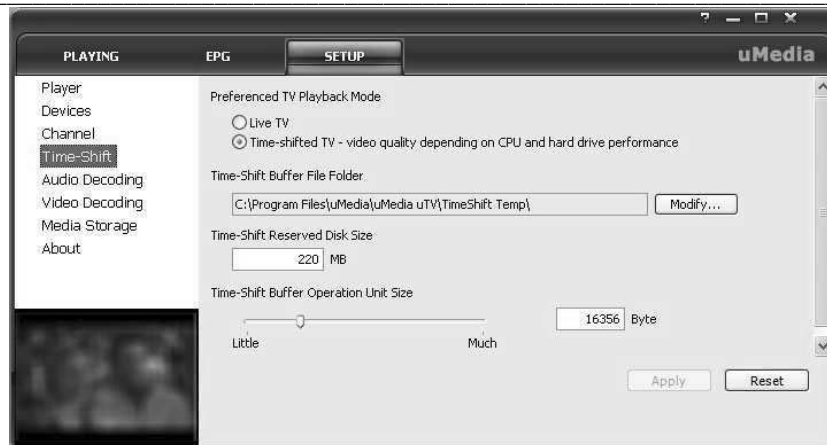
4.5   Audio Decoding

Audio Decoding Setup page allows user to configure audio output speaker mode.
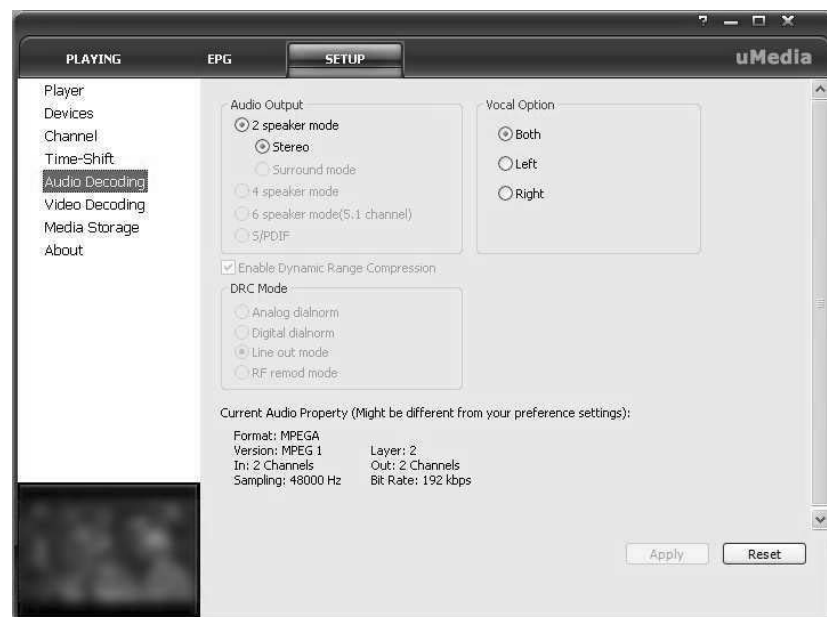
4.6   Video Decoding

Video Decoding Setup page allows user to enable or disable Alpha Blending for ATSC Closed Caption or DVB Sub-title, to change video brightness. It also has a control to adjust how to handle video when signal transmission error occurred.

Good Alpha Blending quality relies on good 3D performance of graphic card. When turn on Alpha Blending for a low-end graphic card, it may cause video jitter or breakup.
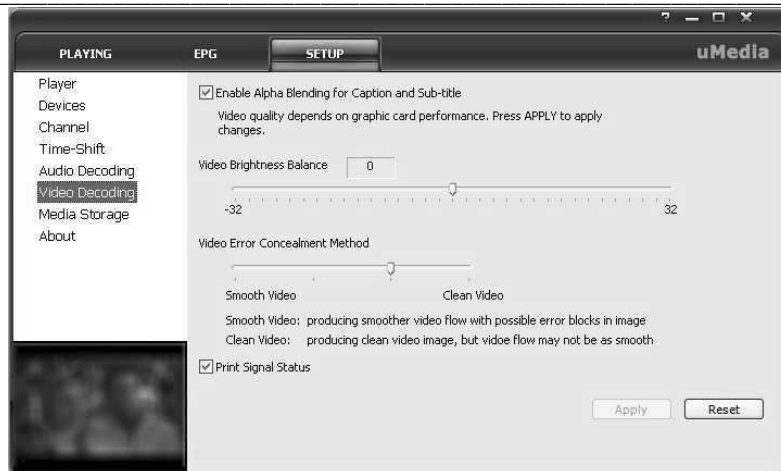
4.7   Media Storage

Media Storage Setup page allows user to change storage locations of Video Record, Still Image Capture, and saved TeleText files.

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5   Hot Key Definition

Function	Hot Key
Zoom	Alt + Enter
Jump	Ctrl + BackSpace
CH+	PAGE DOWN
	Ctrl + Down Arrow
CH-	PAGE UP
	Ctrl + Up Arrow
VOL+	F10
	Ctrl + Right Arrow
VOL-	F9
	Ctrl + Left Arrow
Mute	F10
Play/Pause	Ctrl + P
Stop	Ctrl + Shift + S
FF	Ctrl + Shift + F
RW	Ctrl + Shift + B
Step	Ctrl + Alt + F
Record	Ctrl + R