

# DigitalTV User Guide

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## 1. Introduction

Digital TV is a professional digital TV player for Windows. It supports UT-100A/B to scan, watch, record DVB-T channels and other advanced features. You can use it to receive and check the signal broadcasted by UT-100A/B.

## 2. Quick Start Guide

1. Following UT-100 QIG to install device and driver.

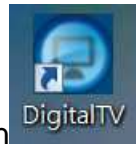
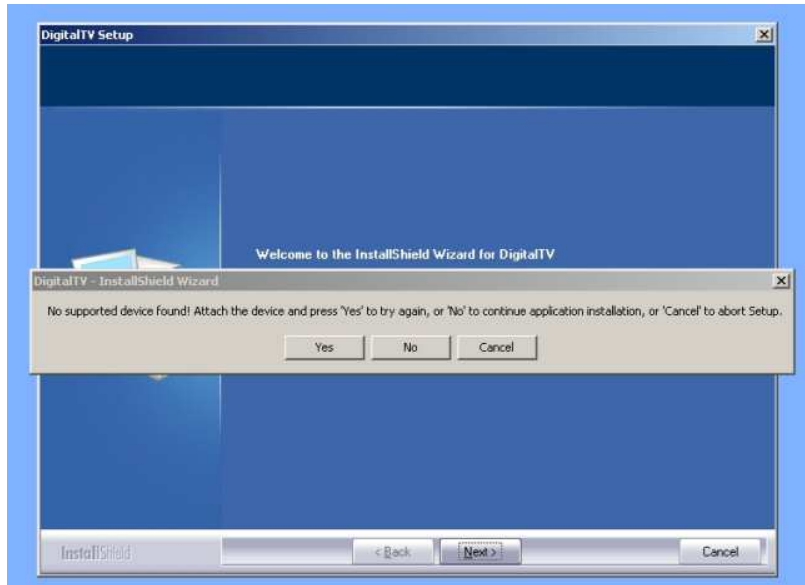
Please double check if the driver is installed well,

“Control Panel” -> “Device Manager”, there should be a device named “IT9507 TX Device” in “Sound, video and game controllers” category, as shown below,

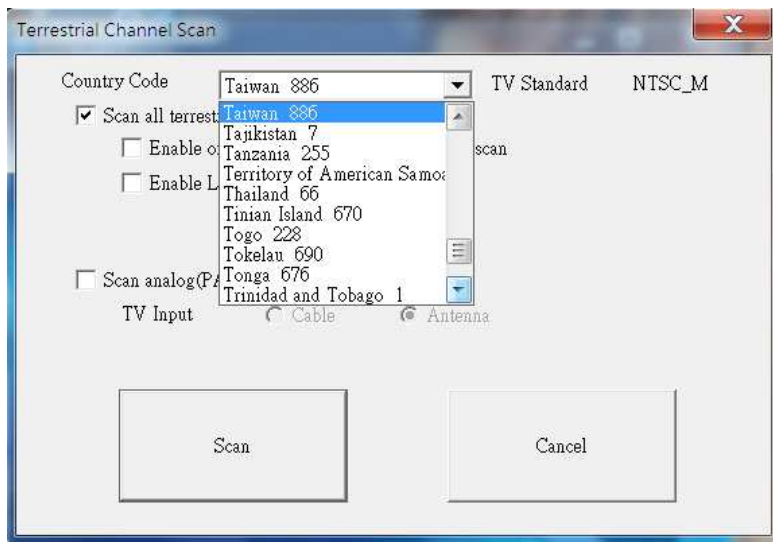


2. Double click on “setup.exe” in \DigitalTV 3.4 Build 24 to the Digital TV.

If a warning message pops up as shown below, please click on “No” to continue the installation.



3. Double click the desktop icon.
4. Select the "Country Code" and click on "Scan" to scan channels. Or you can click on "Cancel" and refer to next step to scan by frequency.

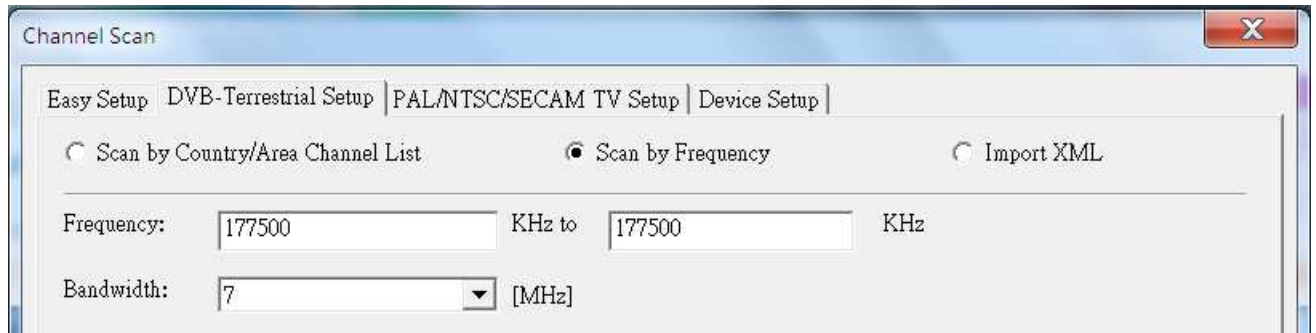


5. Click on [left arrow icon] to open the left panel and click on [channel scan icon] to launch channel scan window.





6. Select “DVB-Terrestrial Setup”. Choose “Scan by Frequency” and enter frequency range and bandwidth then click on “Start Scan”.

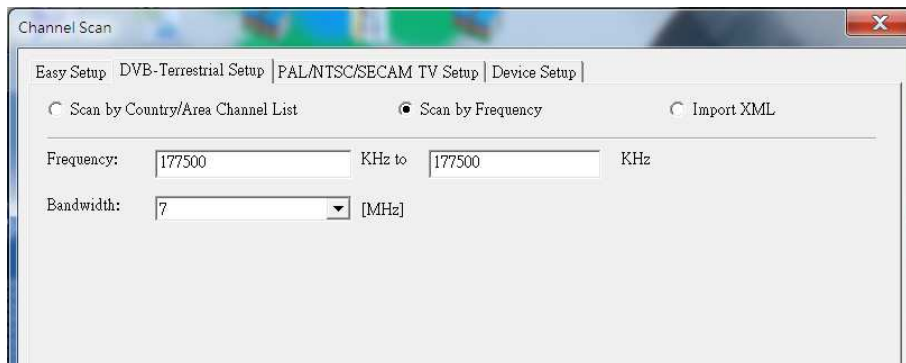


### 3. Operation Guide

#### 3.1 Channel Scan

##### Scan by Frequency

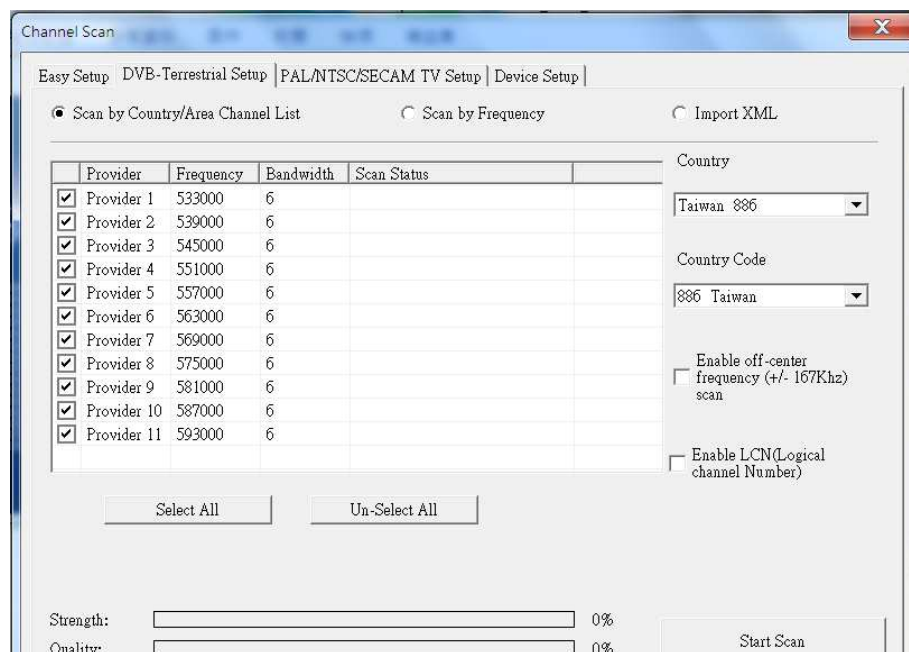
If you know the DTV frequency range of your location, please select “*Scan by Frequency*”. After you choose “*Scan by Frequency*”, this configuration window will pop up. Please fill in the correct values for frequency and bandwidth and click on the “*Start Scan*” button.



The screenshot shows the 'Channel Scan' window with the 'Scan by Frequency' radio button selected. The 'Frequency' field is set to 177500 KHz, and the 'Bandwidth' dropdown is set to 7 MHz. The 'Start Scan' button is visible at the bottom right.

##### Scan by Country /Area

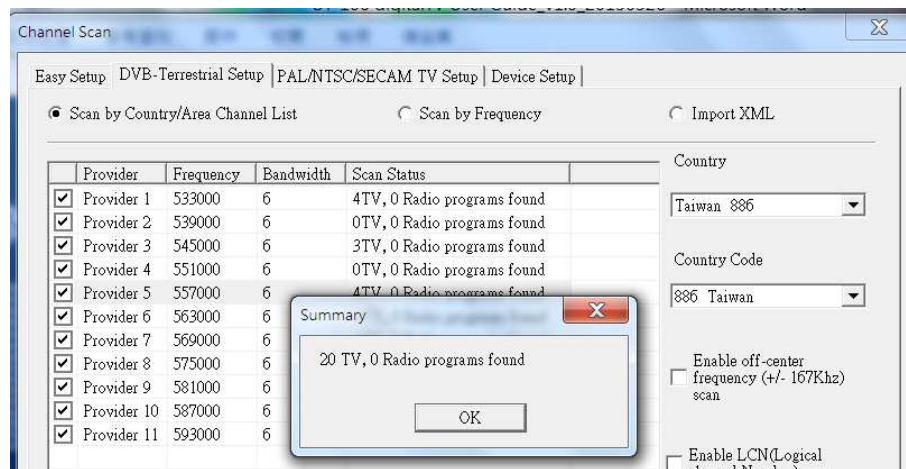
You can choose the area you are located in and scan for channels.



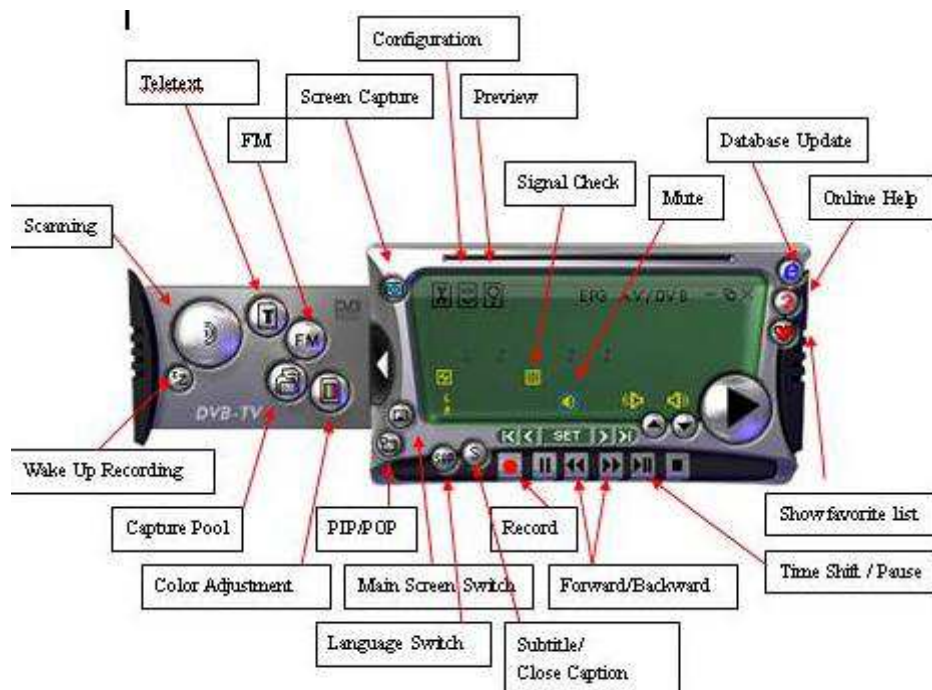
The screenshot shows the 'Channel Scan' window with the 'Scan by Country/Area Channel List' radio button selected. A table lists 11 providers with their frequencies and bandwidths. The 'Country' dropdown is set to 'Taiwan 886', and the 'Country Code' dropdown is set to '886 Taiwan'. The 'Start Scan' button is visible at the bottom right.

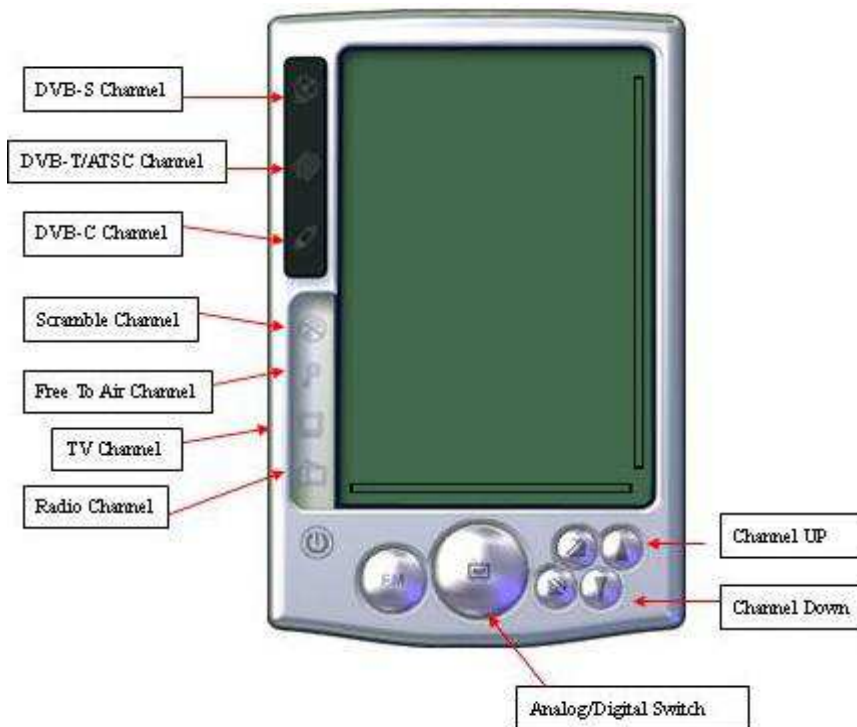
Provider	Frequency	Bandwidth	Scan Status
Provider 1	533000	6	
Provider 2	539000	6	
Provider 3	545000	6	
Provider 4	551000	6	
Provider 5	557000	6	
Provider 6	563000	6	
Provider 7	569000	6	
Provider 8	575000	6	
Provider 9	581000	6	
Provider 10	587000	6	
Provider 11	593000	6	

When channel scanning is finished, you can see a summary window shows how many TV and Radio programs have been scanned. Please click “OK” to close it.



### 3.2 Control Panel





### 3.3 Functions

#### Picture in Picture (PIP)/ Picture Out of Picture (POP) switch

If you have multiple DVB-T tuners in your PC you can watch multiple TV channels at the same time. You can select channels in the "Channel list" to pick up available channels.



Then, you can click second channel in the "channel list" to play second channel.





# HIDES Easy HD Expressway!


You can watch and switch two channels at same time using the" POP (Picture out of Picture) and PIP (Picture in Picture) functions.



Note:

1. All software functions only work on Primary screen If you want to switch screen, please click the "Video Windows Switch"
2. User can either have one channel recording or one channel Time-Shifting at the same time.

## Video Recording

You can record video by clicking on  , and set the record length.



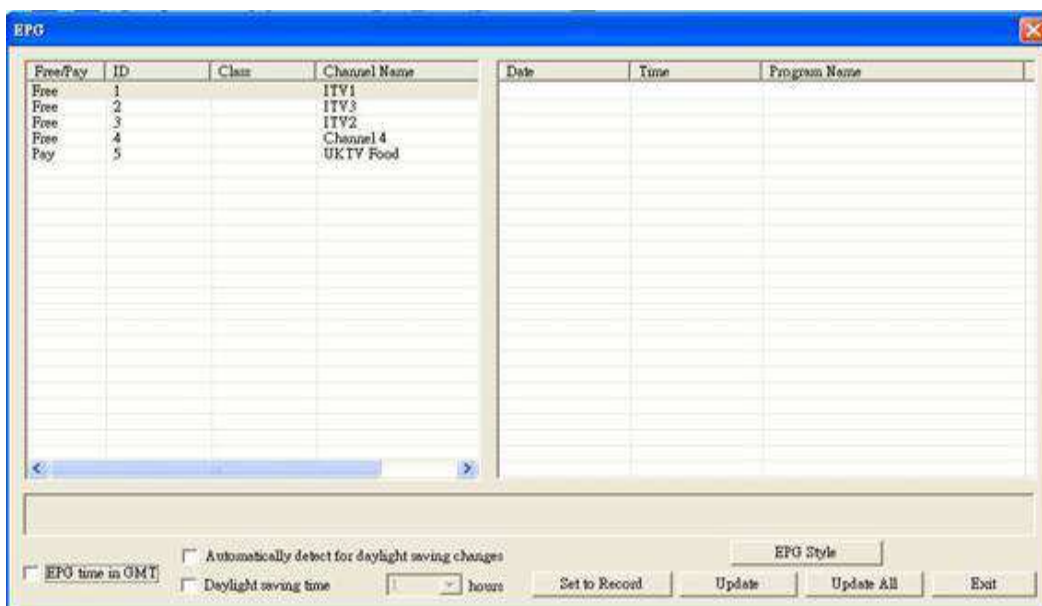


### Electronic Program Guide (EPG)


You may find the TV guide information by clicking on EPG in control panel




Please be noted EPG is not available in all areas; Internet EPG is not available here)

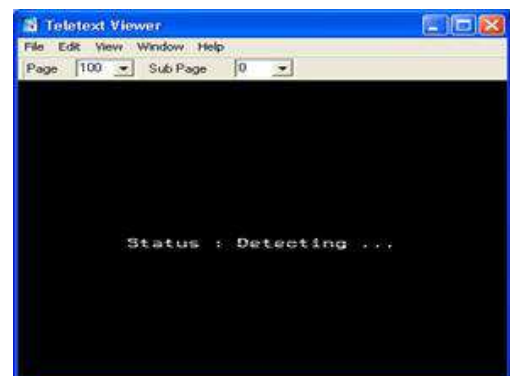


### Multi-Language


Please click on  to change the audio/ language if it's available.

### Teletext

You can click on  to open the teletext window.

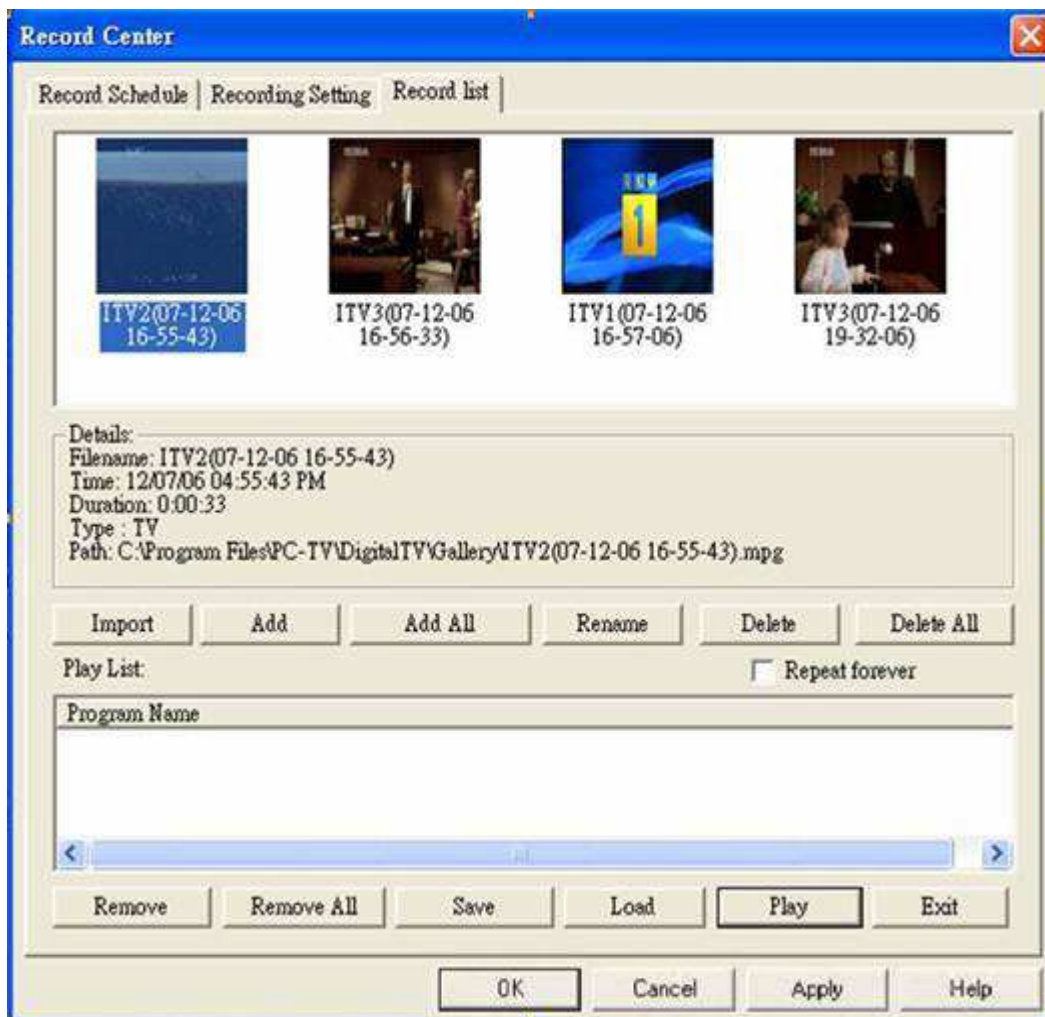


## Time-shifting


You can click on  to pause a live program, and resume it by clicking on it again. The program will continue from where you stop it so you won't miss any details.

## Playback recorded file

You may click on  to open recording list to playback the recorded file.

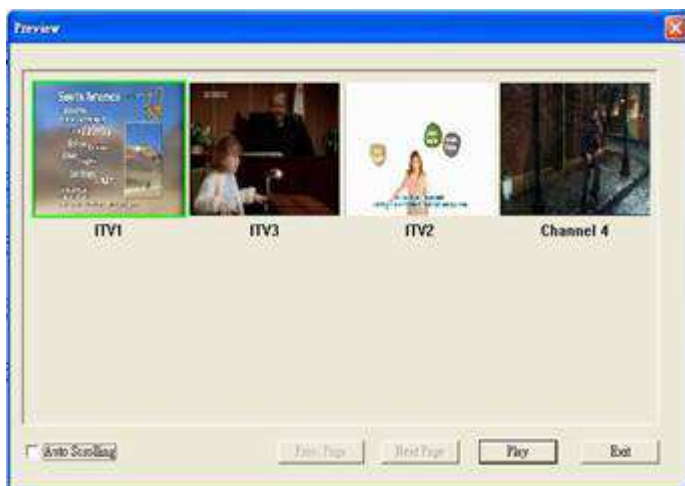


### Multi-Channel Preview


You may click on  to preview multiple channels at the same time.

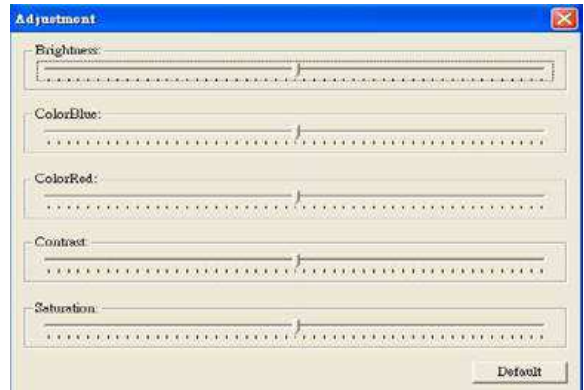


To watch the program you can just select it and click on “Play”.



### Video adjustment

You may click on  to adjust the brightness, color, contrast, and saturation of the video image.



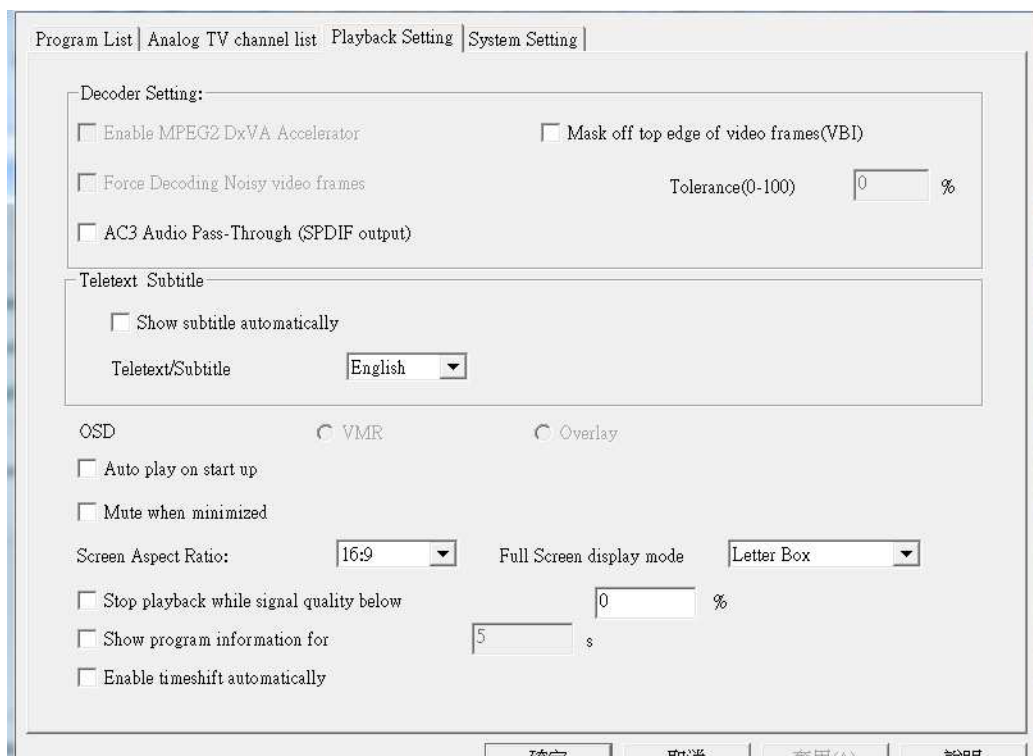
## 3.4 Configuration Page

### Program list

You can see all scanned programs and edit this list if you want.

Configuration							
Program List   Analog TV channel list   Playback Setting   System Setting							
F...	ID	Type	Free/Pay	TV/...	Name	Provider	Class
<input checked="" type="checkbox"/>	12	-T	Free	TV	公視 HD	PTS	569...
<input checked="" type="checkbox"/>	21	-T	Free	TV	中視數位台	CTV	533...
<input checked="" type="checkbox"/>	22	-T	Free	TV	中視新聞台	CTV	533...
<input checked="" type="checkbox"/>	23	-T	Free	TV	中視綜藝台	CTV	533...
<input checked="" type="checkbox"/>	24	-T	Free	TV	中視HD台	CTV	533...
<input checked="" type="checkbox"/>	25	-T	Free	TV	公共電視 PTS	PTS	545...
<input checked="" type="checkbox"/>	26	-T	Free	TV	公視2台 PTS2	PTS	545...
<input checked="" type="checkbox"/>	27	-T	Free	TV	客家電視 HTV	HTV	545...
<input checked="" type="checkbox"/>	28	-T	Free	TV	民視綜合台	民視	557...
<input checked="" type="checkbox"/>	29	-T	Free	TV	民視交通台	民視	557...
<input checked="" type="checkbox"/>	30	-T	Free	TV	民視新聞台	民視	557...
<input checked="" type="checkbox"/>	31	-T	Free	TV	民視HD台	民視	557...
<input checked="" type="checkbox"/>	32	-T	Free	TV	公視 HD	PTS	569...
<input checked="" type="checkbox"/>	33	-T	Free	TV	台灣電視台	TTV	581...
<input checked="" type="checkbox"/>	34	-T	Free	TV	台視財經台	TTV	581...
<input checked="" type="checkbox"/>	35	-T	Free	TV	台視綜合台	TTV	581...
<input checked="" type="checkbox"/>	36	-T	Free	TV	台視 HD台	TTV	581...
<input checked="" type="checkbox"/>	37	-T	Free	TV	華視CTS	CTS	593...

## Playback setting



### VBI setting

If your TV program has pixel mixing in video edge, you may simply remove it by cutting it away.

### AC3 Audio Pass-Through (SPDIF output)

If you have a Dolby sound card, you may enable this function to get 5.1 channel sound effects. (Not all TV programs have Dolby sound)

### Subtitle setting

This feature can turn on or off the subtitle.

### OSD

Enables "*Auto play on star up*" and the OSD will appear on screen when you start the player.

## Mute setting

You may mute the show when software is in minimized mode

## Aspect ratio setting/ Full screen setting

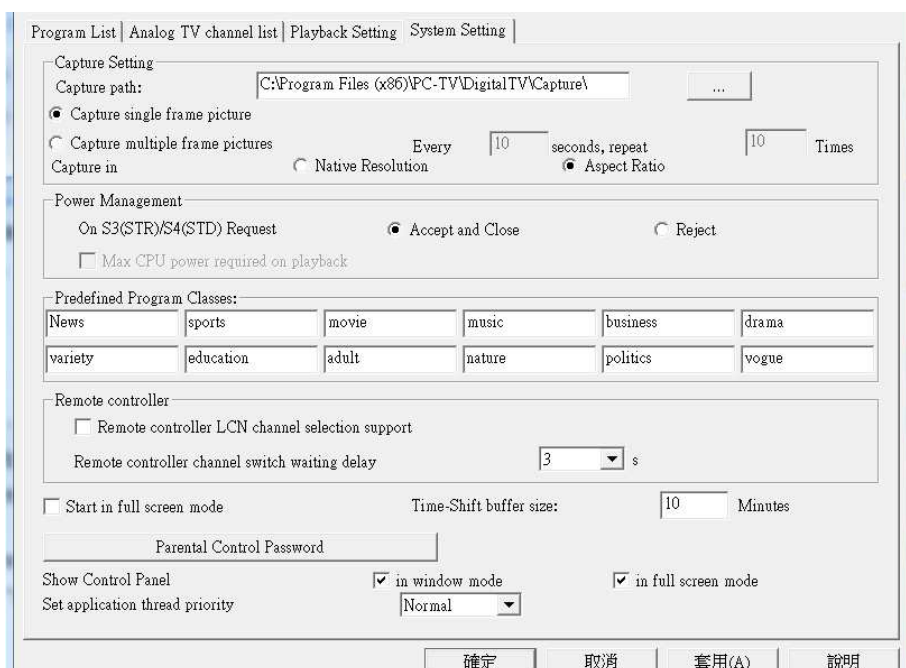
You may set TV programs to display in different aspect ratios

## Stop playback while signal quality is low

You may stop playing TV program when signal strength is below a specific degree

## System setting

### System Setting



Program List | Analog TV channel list | Playback Setting | System Setting

**Capture Setting**  
 Capture path: C:\Program Files (x86)\PC-TV\DigitalTV\Capture\ ...  
☒ Capture single frame picture  
☐ Capture multiple frame pictures Every 10 seconds, repeat 10 Times  
 Capture in ☐ Native Resolution ☒ Aspect Ratio

**Power Management**  
 On S3(STR)/S4(STD) Request ☒ Accept and Close ☐ Reject  
☐ Max CPU power required on playback

**Predefined Program Classes:**

News	sports	movie	music	business	drama
variety	education	adult	nature	politics	vogue

**Remote controller**  
☐ Remote controller LCN channel selection support  
 Remote controller channel switch waiting delay 3 s

☐ Start in full screen mode Time-Shift buffer size: 10 Minutes  
 Parental Control Password

Show Control Panel ☒ in window mode ☒ in full screen mode  
 Set application thread priority Normal

確定 取消 套用(A) 說明

## Capture setting

You may select to capture signal or multiple frames in native resolution or aspect ratio (small size picture) format. You can set time and interval for multi-capture.

## Power management

If you select the “Reject” mode, Digital TV will stop your system from entering into hibernate mode.

#### Predefined Program Classes

You may change the "*Predefined Program Classes*" to classify programs in "Program List" page.

#### Start in full screen mode

You may select to start program as "full screen" mode or "normal size" mode

#### Time-Shifting buffer size

You may set the Time-Shifting feature to maximum; longer the time you set, bigger the disk space is required.

#### Parental control password

You may set password to specific channels to avoid children from viewing the adult programs. Password will be required when anyone attempts to view the encrypted channels.

#### Control panel setting

You may configure the size of the screen to " *Windows mode*" or "*Full screen mode*"

#### Application Priority

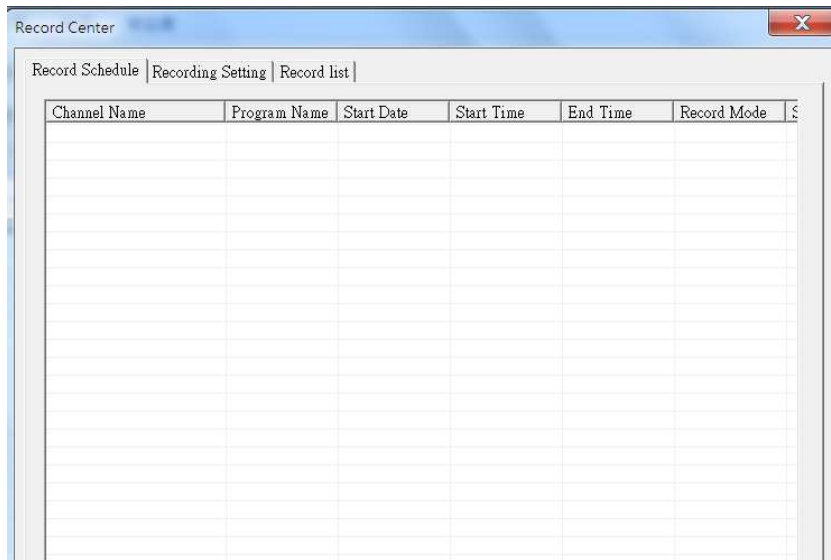
You may configure theTV playing software as the priority program to your PC. Other applications often take up a lot system resource, and playing video on PC generally requires most of the system's resource. By setting the TV player application as the priority task will improve your video image quality.



### 3.5 Record Center

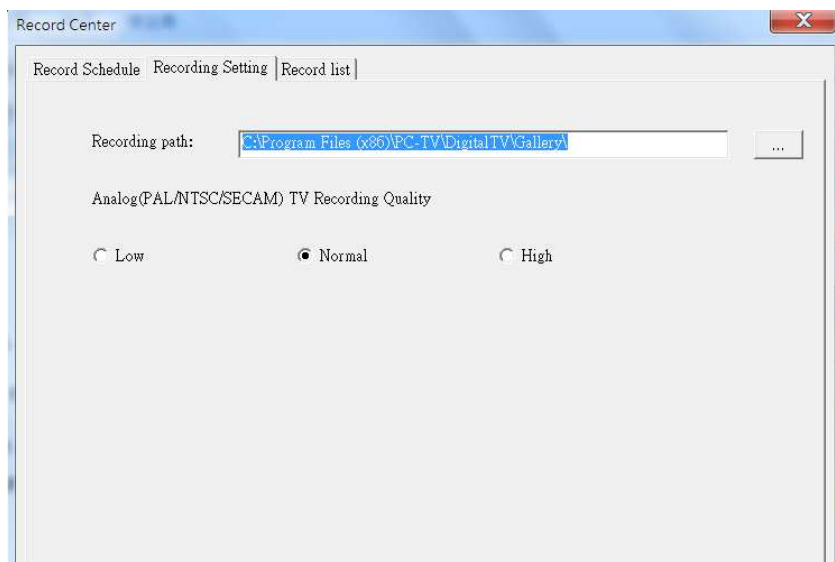
#### Record Schedule

You can create or see the record schedule in this page



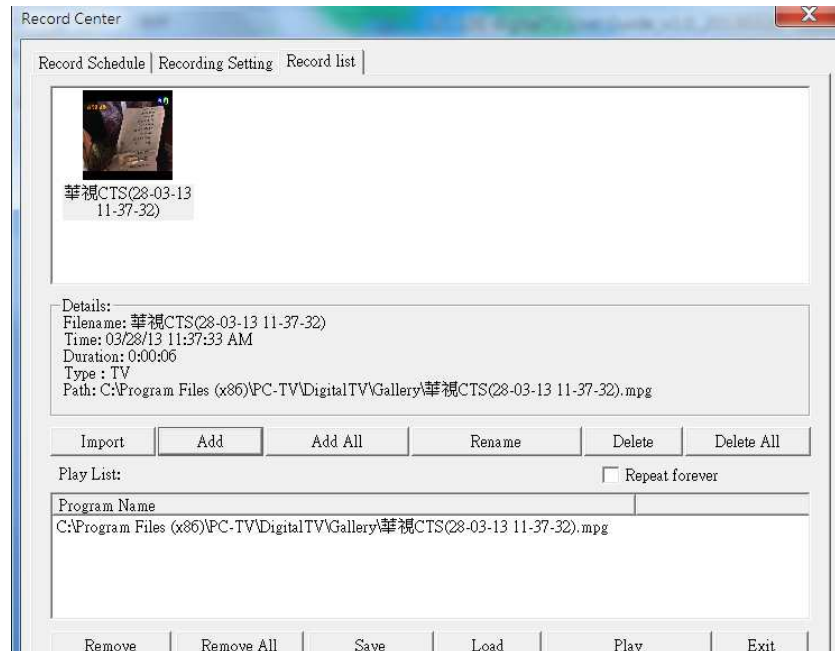
#### Record Setting

Set the recording path here. The default path is C:\Program Files(x86)\PC-TV\Gallery\



## Record List

It shows all recorded programs and related information here. You can edit this list or add programs into play list.



## 3.6 Right Click Menu

Right-click on your mouse over the Digital TV interface to open a pop-up menu:

	<p>Play: Plays video. Pause: Freezes the video you are currently watching. Stop: Ends the video you are currently watching. Record: Stores the video program you are currently watching. Rewind: Goes back to any point of the video. Fast Forward: Advances to any point of the video. Time Shifting: Start or pause the "Time Shifting" function</p>
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<div> <div> <div>✓ Play</div> <div>Pause</div> <div>Stop</div> <div>Record</div> <div>Fast Rewind</div> <div>Fast Forward</div> <div>Time Shifting</div> </div> <div> <div>Channel Up</div> <div>Channel Down</div> <div>Last Channel</div> <div>EPG</div> <div>Preview</div> <div>Capture</div> <div>Teletext</div> <div>Apid (SAP) switch</div> <div>Mute</div> </div> <div> <div>Configuration</div> <div>Channel Scan</div> <div>Recording</div> <div>✓ Favorite List</div> <div>✓ Control Panel</div> </div> <div> <div>Top Most</div> </div> <div> <div>About</div> </div> <div> <div>Exit</div> </div> </div>	<div> <div>Channel Up: Change to previous channel</div> <div>Channel Down: Change to next channel</div> <div>Last Channel: Change to the previous channel</div> <div>EPG: Show EPG window</div> <div>Preview: Multi-channel preview (only for FTA channels)</div> <div>Capture: Capture a still frame of the video</div> <div>Teletext: Show teletext window. Language: Change speaking language</div> <div>Apid (SAP): Switch audio from different sources</div> <div>Mute: Turn the sound off</div> </div> <div> <div>Configuration: Show configuration page</div> <div>Channel Scan: Show Channel Scan setting page. Record List: Open record list</div> <div>Favorite List: Open favorites list</div> <div>Control Panel: Show control panel</div> </div> <div> <div>Top Most: Always places Digital TV on top of other application</div> </div> <div> <div>About: Display version information of Digital TV.</div> </div> <div> <div>Exit: Turn off Digital TV.</div> </div>
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### 3.7 Keyboard Shortcuts

Function	Keyboard Shortcut
Play	Enter
Stop	End
Pause	Space bar

Full Screen	Z
Properties windows	O
Record	Home
Stop Record	End
Program list	L
Time Shifting	T
Channel up	Page up
Channel down	Page down
Volume up	Shift + Arrow up
Volume down	Shift + Arrow down
Help	F1
Key cancel	Esc
Key enter	Enter
Digital TV Exit	X
Mute	M
Right Speaker	Ctrl + R
Left Speaker	Ctrl + L
Favorites List	V
EPG	E
Preview	K
Fast Forward	F
Rewind	R