

# USB 2.0 Digital TV Receiver (ISDB-T)

# DTR-100DB

User's Manual

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### **CE mark Warning**

The is a class A device, In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

#### WEEE



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#### Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

## Revision

User's Manual for DTR-100DB Model: DTR-100DB Rev: 1.0 (August 2008) Part No. 2081-K10050-000

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# 1. Introduction

PLANET DTR-100DB is ISDB-T (Integrated Services Digital Broadcasting) Digital TV receiver that offers a complete and cost effective solution for Digital TV broadcasting.

PLANET DTR-100DB connects Digital TV with your computer/notebook, DTR-100DB not only allows you to watch Free-To-Air digital terrestrial television channels with no subscription to pay but also can record real time digital TV programs directly to the hard disk in your computer/notebook.

With its fascinating features, DTR-100DB provides Multi-Channel preview, Real-Time digital video recording (DVR), and Schedule Recording allows you not miss out any favorite TV programs. In addition, it incorporates a MPEG-2 software decoder which delivers a picture quality of HDTV standard and enables a high quality playback of the recordings. DTR-100DB also can deliver Electronic Program Guide (EPG) which offers you more information about the TV programs. You can pause while watching TV program and continue from where you left with Time-Shifting feature, and will never miss a scene.

The supplied Remote Controller gives you easy access to the key functions of the ISDB-T receiver, so you don't always have to be seated next to your computer.

With the pocket-sized digital TV receiver connecting with a computer/notebook, you can watch digital TV shows anywhere and anytime and turn your computer/notebook into a personal mobile TV entertainment system.

# **1.1 System Requirements**

- Pentium 4 compatible processor 1.2GHz or higher (2.0GHz recommended)
- Minimum 256MB RAM or above (512MB recommended)
- · VGA card with minimum 32MB memory
- AC97 compatible sound card
- 1 GB free HD space
- CD-ROM drive (For software installation)
- One available USB2.0 port
- Microsoft DirectX 9 or above
- Windows 2000(SP4) / XP (SP2) / Vista (32bit)
- Windows Media Player 9 or above

# 1.2 Features

- Compliant with ISDB-T, 1 Segment QVGA format by H.264/ AVC (ISO/IEC 14496-10)
- Compliant with USB Specification Rev2.0
- Supports Still Image Capture
- Supports BML (Broadcasting Markup Language)
- Supports Subtitle (L-EIT Standard)
- Supports EPG (L-EIT Standard)
- Supports channel auto scan
- Supports Fully Resizable TV (Up to Full Screen)
- Supports Record/ Playback TV programs
- Supports ISDBT 1-Seg programs : CH13~CH62 (CH7~CH69 for Brazil); 470MHz~770MHz(806MHZ for Brazil)
- Supports Audio Format :MPEG-2 AAC (ISO/IEC 13818-7)
- Multiple language (English and Portuguese)
- Software upgradeable

# **1.3 Specification**

- Standard : ISDB-T 1-segment
- Interface : USB V.2.0
- Connectors :
  - 1 VHF/UHF connector (MCX type)
  - 1 USB Connector (A type)
- TV Tuner : 50 Ohm (UHF/VHF) TV Antenna (Optional)
- Receiving Frequency : 430-770 MHz (806MHz for Brazil)
- Bandwidth : 6, 7, 8 MHz
- Code Rate : 1/2, 2/3, 3/4, 5/6 and 7/8
- Net Weight (app.) : 22.4g
- Operating Temperature : 0°C ~ 55°C
- Humidity : 5 % ~ 95 % (non-condensing)
- Storage Temperature : -10°C ~ 80°C
- Supported OS : Windows 2000 / XP / Vista

# **1.4 Package Contents**

- USB 2.0 Digital TV Receiver (ISDB-T)
- Installation CD
- Antenna

### Note:

- If any of above items is missing or damaged, please contact your local dealer immediately.
- For Time-Shifting, a Pentium IV 2.0GHz processor or higher is required.

# 2. Hardware Installation

This chapter explains how to install DTR-100DB hardware with your PC or Notebook. Please follow the procedures as described below

# 2.1 Connecting USB Port

Connect USB connector of the DTR-100DB Receiver to the USB port of your computer or notebook.

# 2.2 Connecting Terrestrial Antenna

Connect supplied ISDB-T antenna to the VHF/UHF port on the backside of the DTR-100DB.



#### Note:

- (1) If you install the DTR-100DB with Notebook, please make sure the "Power Saving" function is turned OFF. (The "Power Saving" function will lower down the CPU performance and may effect the DTR-100DB's operation).
- (2) Be sure to connect the antenna to the DTR-100DB and adjust it to a better reception angle and location every time you play with the Receiver.

# 3. Software Device Driver & Application Utility Installation

This chapter describes how to install the Device Driver and Software Utilities.

 After installing the DTR-100DB in your PC or Notebook, the system will find a new hardware device and Windows of "Found New Hardware Wizard" will appear. Please click "Cancel" to exit the Wizard.



Please insert the Installation CD into your CD drive, the CD will auto-run and show the main installation screen:

### Documentation

*User's Manual:* Click this option to read user's manual and specification. *Quick Guide:* Click this option to read quick install guide.

### >>> Driver

Install Driver: Click Install Driver to start device driver installation process.

>>> Utility

Presto PVR: Click this option to install Presto PVR software.
Microsoft DirectX9: Click this option to install DirectX 9 utility.
Windows Media Player 9: Click this option to install Media Player 9 software.
Acrobat® Reader: Click this option to install Acrobat Reader.

<u>Attention</u>: It is highly recommended to install Microsoft DirectX9 & Windows Media Play 9 IN THE BEGINNING if your system hasn't had those components yet.

#### 3.1 Install Driver

Step 1: Click "Install Driver" from the manual that appears to install the device driver.

Step 2: The Welcome wizard below will appear. Click "Next" to continue.



Step 3: Click "Install" to begin installation.

Ready to Install the Program The wizard is ready to begin installation.			N
Click Install to begin the installation.			
If you want to review or change any of yo the wizard.	our installation settings, c	lick Back. Click Cancel	to exit
istallShield	< Back	Install	incel



Step 4: Please wait for while during device driver is installing.

**Step 5:** Click "**Install this driver software anyway**" (For Vista Operation, this screen will appear twice and XP Operation System will appear once; repeat the same action to continue the installation)



**Step 6:** Before using the device, it is recommend that restarting the computer for device complete the setting. Choose "**Yes, I want to restart my computer now**" and click "**Finish**" to restart.



Step 6: To check if the driver is properly installed:

### [For Windows Vista]

Click Start  $\rightarrow$  Control Panel  $\rightarrow$  choose "Device Manager".



#### [For Windows XP]

Click Start  $\rightarrow$  Settings  $\rightarrow$  Control Panel  $\rightarrow$  System  $\rightarrow$  "Hardware" tab  $\rightarrow$  choose "Device Manager".



### 3.2 Install NewSoft Presto! PVR Software

Before you begin, make sure that the antenna is connected to the DTR-100DB device.

**Step 1:** Run the Installation CD and click "**Presto PVR**" for NewSoft Presto! PVR software installation.

**Step 2:** Select the languages for this installation from the choices below, and then click **"Next**" to next step.

Choose Setup Language Select the language for the installation	from the choices below.	
English Portuguese (Brazilian)		
tallShield	< Back	Next > Cancel

Step 3: The Welcome wizard below will appear. Click "Next" to continue.



**Step 4:** Please read the following license agreement carefully. To install Presto! PVR, you must accept this agreement and click "**Yes**".

License Agreement Please read the following license agreement carefully.	
Press the PAGE DOWN key to see the rest of the agreement.	
NewSoft End User License Agreement	
IMPORTANT - PLEASE READ CAREFULLY BEFORE INSTALLING This NewSoft End User License Agreement (EULA) is a legal agreement between you (End User) and NewSoft Technology Corporation (NewSoft) for the accompanying computer software (Software), which may include software from third party suppliers mad available by NewSoft, and the related documentation. Please read this EULA carefully. E installing, copying, or otherwise using the Software, the End User agrees to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, do not install or use	}y
Do you accept all the terms of the preceding License Agreement? If you select No, the will close. To install Presto! PVR, you must accept this agreement.	setup
< Back Yes N	ło

Step 5: Select folder where Setup will install files, and then click "Next".

Presto! PVR Setup	×
Choose Destination Location Select folder where setup will install files.	
Setup will install Presto! PVR in the following folder.	
To install to this folder, click Next. To install to a different folder, click E another folder.	Browse and select
Destination Folder	
C:\Program Files\NewSoft\Presto! PVR	Browse
InstallShield	
( <u>B</u> ack	ext > Cancel

Step 6: Select Program Folder and click "Next" to continue.

sto! PVR Setup Select Program Folder	1	AN PROPERTY
Please select a program folder.		(
Setup will add program icons to the Program name, or select one from the existing folders	Folder listed below. You may type a list. Click Next to continue.	a new folder
Program Folder:		
Prestol PVR		
Existing Folders:		
Accessories		
Administrative Tools		
Extras and Upgrades Games		
ISDBT TV Receiver		
Maintenance		
Startup		
Tablet PC		
allShield		
		(
	< Back Next >	Cancel

Step 7: Please wait for while for setup procedure.



Step 8: After Wizard has successfully installed TotalMedia, click "Finish" to exit the Wizard.



Step 9: There will be 1 desktop icon shown after the installation:



# 3.3 Install Microsoft DirectX9

Before installing device driver, it is necessary to install DirectX 9 or higher for your Operating System. If your system already has DirectX 9 or higher version, you can skip this part of installation and go to <u>3.1 Install Driver</u> for device driver installation.

**Step 1:** Click "**Microsoft DirectX 9**" to start installing DirectX9.

Step 2: In "Installing Microsoft® DirectX®" window, select "I accept the agreement", and then click "Next" to continue.

Installing Microsoft(R) Direc	:tX(R)	
	Welcome to setup for DirectX The DirectX setup wizard guides you through installation of DirectX Runtime Components. Please read the following license agreement. Press the PAGE DOWN key to see the of the agreement. You must accept the agreement to conti the setup.	e rest
	MICROSOFT DirectX 9.0c SUPPLEMENTAL END USER LICENSE AGREEMENT FOR MICROSOFT SOFTWARE ("Supplemental EULA") IMPORTANT: READ CAREFULLY - These Microsoft Corporation ("Microsoft") operating system components, including any "online" or electronic documentation ("OS Components") are subject to the terms and conditions of I gon't accept the agreement C I gon't accept the agreement	
	KBack Next > Cano	el

Step 3: Click "Next" to continue installation.



Step 4: Waiting for the operating system finishes installing DirectX 9 components.

Progress Please wait while Setup comp	letes the following actions.	2
Installing Components		
Searching for updated Dire	ctX Runtime Components and updating a	
necessary. This may take a		15
		15
necessary. This may take a		

**Note:** If your system had already been installed DirectX9 or higher version before, the "Installation Complete" window below will appear. Click "Finish" and the components are ready to use. Then, please go to 3.1 "Install Windows Driver" for device driver installation.



**Step 5:** After operating system completes DirectX9 installation, the "**Restart Computer**" window below will appear. Click "**Finish**" to restart your system.



**Step 6:** Once the computer is rebooted, your system will find the DTR-100DB hardware device which are not installed yet. When the below Wizard window is shown, please click "**Cancel**" to continue.



After you finish those steps, please run the **Installation CD** again and click "**Install Driver**" to install the Device Drivers. (Please refer to the next section "**3.2 Install Driver**")

# 3.4 Install Windows Media Player 9

Before installing NewSoft Presto! PVR application program, it is necessary to install Media Player 9 or higher for your Operating System. If your system already has Media Player 9, you can skip this part of installation and go to <u>3.2 Install NewSoft Presto! PVR software for</u> NewSoft Presto! PVR software installation.

Step 1: Click "Windows Media Player 9" button from setup program of the installation CD.

Step 2: Select the language version which you want to install and click "OK" to continue.

🖉 Select Language	
Please, select the	language :
English	X Cancel

### Step 3: Click "I Accept" to continue the next step.

😒 Windows Me	dia Player 9 Series	×
0	Thank you for choosing Windows Media Player 9 Series This software is licensed under the following agreement. Click I Accept to accept the terms of the agreem and continue with installation. If you do not want to install this software, click I Decline.	
Printable Vers	SUPPLEMENTAL END USER LICENSE AGREEMENT IMPORTANT: READ CAREFULLY – This Supplemental End User License Agreement ("Supplemental EULA") is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation ("Microsoft") for the Microsoft software that accompanies this Supplemental EULA, which includes computer software and may include associated media, printed materials, "online" or electronic documentation, and Internet-based services (the "OS Components"). The OS Components are provided to update, supplement, or replace existing functionality of the applicable Microsoft software for which the OS Components are designed (any such software referred to here as "OS Software"). An amendment or addendum to this Supplemental EULA may accompany the OS Components. YOU AGREE TO BE BOUND BY THE TERMS OF THE APPLICABLE OS	
Window Media Pla	NS ayer 9 Series	

Step 4: Please wait for a few seconds for Installing.



Step 5: Click "Next" to continue.



Step 6: Select your Privacy Options in this step and click "Next" to continue.

📀 Windows Media Player 9 Series 🛛 🔀
Select your Privacy Options
Microsoft is committed to protecting your privacy. To deliver an enhanced experience, data is exchanged over the Internet and may be saved on your computer.
Privacy Options Privacy Statement
Enhanced Playback Experience
More information about these privacy options options options for the Internet Update my music files (WMA and MP3 files) by retrieving missing media information for the Internet
Acquire licenses automatically for protected content Note: media information retrieved may not be in your local language
Enhanced Content Provider Services
Send unique Player ID to content providers To view or change privacy settings that affect cookies, click Cookies
Customer Experience Improvement Program I want to help make Microsoft software and services even better by sending Player usage data to Microsoft
History Save file and URL <u>hi</u> story in the Player
Windows Media Player 9 Series

Step 7: Configure your desktop and Windows Media Player 9 Series default settings, and then click "Finish" to exit the wizard.

🦻 Windows Media I	Player 9 Series	
Cu	ustomize the Installation Options	
Con	ifigure your desktop and Windows Media Player 9 Series default settings.	
$\mathbf{\mathbf{\nabla}}$	File Types More Options	
	<ul> <li>9 Series will be the default player for the file types that are selected in the follow an administrator or a member of the Administrators group to change these settin</li> <li>Windows Media Audio file (wma)</li> <li>Windows Media Video file (wmv)</li> <li>Windows Media file (asf)</li> <li>DVD Video</li> <li>MP3 audio file (mp3)</li> <li>Windows video file (avi)</li> <li>Windows video file (wav)</li> </ul>	
	<ul> <li>✓ Movie file (mpeg)</li> <li>✓ MIDI file (midi)</li> <li>✓ AIFF audio file (aiff)</li> </ul>	~
Mindows Media Player	9 Series	<u>Finish</u>

# 4. Launching Presto! PVR Application

NewSoft Presto! PVR is an application for turning your computer into a media center. It allows you to watch and record your favorite TV programs. You have the convenience of a VCR without having to rewind any tape.

# 4.1 Main screen & Menu





# 4.1.1 Main Screen

The Presto! PVR screen is very compact and useful. Here is the overview of the various display and buttons.



		At the top of the presentation area, the program status
a	Program Status	(Recording or playing), as well as the video quality, will be
		listed. Note: The Program status will appear only when
		playing or recording a program.
D	Information Window	List the time along with the channel number and name.
	Full Screen	
C	Minimize Screen	There are the buttons for controlling the viewer.
	Close Screen	
0	EPG / Captions	There are special feature buttons.
	Settings / Help	
е	History	Check the programs that have already been record
	Previous Channel	There buttons are for choosing a channel to watch on TV.
0	Next Channel	Either by going up or down a channel goes back to the
	Last Channel	previously viewed channel, or choosing from the channel list.
	Channel List Viewer	
	Increase Volume	The volume controls let you turn it up and down as well as off,
0	Decrease Volume	and the indicator show the current volume level
	Mute	
		The program control buttons are used for going forward, going
	Stop	backward, or to stop time shifting and recording. They are

0	Backward	available after recording or time shifting button is clicked or
	Forward	after you have chosen a program or video to play from the
		History dialog box.
0	Record	These buttons are used for recording program or time shifting.
	Pause	

### 4.1.2 Screen Menu

If you right-click the Presto! PVR screen when a video is playing, you will see the menu below. This will give you quick control over how you watch the program.



Aspect Ratio	This selects the ratio of width and height for your Presto! PVR
	screen. You can choose Original Ratio, Free Ratio, 4:3, 16:9.
	Choosing Free Ratio will allow you to distort your TV picture by
	dragging the lower-right corner of the screen. If you have chosen
	Original Ratio, the ratio will not change as you resize the picture.
Size	Click to change the size of the display window or restore it to the
	original size.
Full Screen	Click to see the program in the entire video screen. Press the ESC
	key to restore the screen to the most recently selected size.
Sound	If the program has multiple sound tracks, you can switch them here.
Mute	Click to turn the audio off and on.
EPG	Click to get a current TV schedule online.
Closed Caption	Click to get captions for Digital TV.
Channel Surfing	Click to browse TV channels in a tiled window. The screen will be
	organized into non-overlapping frames. You can play a channel by
	double-clicking its thumbnail.
Exit	Click to close the program.
About Presto! PVR	Click to display the program version information.

### 4.1.3 History

Click Figure on the Menu to see the programs you have recorded, with the most recent listed

first.

Program	Time	Duration	
Image	2005, December 06, Tuesday, 04:24 PM		6.783
Image	2005, December 06, Tuesday, 04:25 PM		The second
Ch1	2005, December 06, Tuesday, 04:25 PM	00:00:00	
Ch1	2005, December 06, Tuesday, 04:26 PM	00:01:00	
Image	2005, December 06, Tuesday, 04:31 PM	0.0000000000000000000000000000000000000	
Ch1	2005, December 06, Tuesday, 04:32 PM	00:30:00	
	Brows	se Play	Delete Close

- -- Click **Browse** to open a dialog box to find and select a video to play.
- -- Click **Play** to watch the selected program.
- -- Click **Delete** to erase a selected program from the hard disk.
- -- Click Close to exit the History dialog box.

Note 1: In the History dialog box, Presto! PVR will show thumbnails of images, but not videos.

**Note 2:** You can go forward or backward by click the  $\smile$  or  $\smile$  buttons, or bu dragging the slider  $=\bigcirc$ .

## 4.1.4 Taskbar Commands

After Presto! PVR has been successfully installed on your system, the program icon ឆ will

appear on the system tray that can be used to start and monitor Presto! PVR. There are 3 commands that you can choose from:

-- Start Presto! PVR: This command quickly launches Presto! PVR. It is unavailable when the program is running.

-- Set Schedule: The command takes you directly to the Schedule tab of the Settings dialog box.

-- Quit: Clicking this command stops all Presto! PVR tasks and remove the icon from the system tray.

# 4.2 Settings

Click see the Settings dialog box to help you personalize your Presto! PVR program.

### 4.2.1 Device

On the Device tab, you can select how you control the Prest0! PVR device. Available Presto! PVR devices are listed



# 4.2.2 Channel

You can scan for available television channels.

	Channe	Video	Record	Schedule	Skin	Live Updat	e
	No.	Channel N	ame	Frequency(.	. Vide	eo ID	Audio ID
9	1	TV GLOB	IO M	473143	64	1	643
•	nannel inf	formation		m			•
	Channel N						Scan
	1						
C	Channel N	Name:					mport
	TV GLOE	BO M				E	Export

-- Scan: Click to look for all available channels and list them. Channels will have a 🎔 mark in front of their listings. Clear the heart 🎔 to remove it from the list. Then it will not be listed in the selection panel and won't be available when changing channels.

-- Export/Import: You can use these two functions to export or import the channel list file, so that you don't need to rescan when using other computers.

-- Channel Information: You can edit the name for each channel. Type a name that may help you be clearer about what kind of show it is.

### 4.2.3 Video

On the **Video** tab, you can adjust the brightness and color in the picture. Enable **Deinterlace** to prevent lines from appearing in the video.

ice Channel	Video	Record	Schedule	Skin	Live Update	
Video						
Brightness	Dark	-	0		Light	-17
Color 1	Yellow	-	-0		Blue	0
Color 2	Green	s <i>1</i> 7	-0		Red	0
Contrast	Minimu	um 📼	0		maximum	8
DeInterlace						
Enabled						
						Default

### 4.2.4 Record

This tab will let you select a location to store recorded video files. You can also change the file format (JPG, PNG, and BMP) to save screenshots in the **Snapshot** section.

Device	Channel	Video	Record	Schedule	Skin	The De La	-
evice	Channel	Video	Necola	Schedule	Skin	Live Updat	e
Fold	der	C·N	lsers\Wir	nie\Docume	ents\Pre	stol PVR	
100		0.1					
Sna	pshot						
File	format:		JPG				•

### 4.2.5 Schedule

This schedule will display the programs that have been selected for recording at a later date. For more information, see <u>4.3.4 Scheduling Your Program Recording</u>.



### 4.2.6 Skin

In this tab, you can change the menu skin. Choose a different skin from the **Select** list and see how it looks in the Preview window. Click **OK** to accept the change.

Note: Depending	g on the program	version, this feature	may not be available.
Note: Depending	y on the program	version, and realard	may not be available.

Settings
Device Channel Video Record Schedule Skin Live Update
Select :
Plainness 🔹
Preview
14:35:47 001 BAND_M
OK Cancel

# 4.2.7 Live Update

In this tab, you can check for product updates and news under Live Updates.

Live Update Register with NewSoft Live Update. After registration, you will receive releas notices of new programs, NewSoft news, and program patches. Live Update	Device	Channel	Video	Record	Schedule	Skin	Live Upd	ate	
Register with NewSoft Live Update. After registration, you will receive releas notices of new programs, NewSoft news, and program patches.	Live	Update							
Live Update	R	egister with	NewSoft w program	Live Upd ms, New S	late. After re oft news, ar	gistration, nd program	you will re n patches.	eceive rele	ase
							Liv	ve Update	

# 4.3 Using Presto! PVR

After the installation, the wizard will open to let you choose what device you will be using. After selecting the device, the **Channel** Dialog box will open so that you can **scan** for available channel or load a pre-scanned channel list.

This easy-to-use application provides useful functions such as full screen view, channel selection, recording, programmed recording, settings, and help. Here are explanations of how to perform the most common functions.

can the p	rogram channel			l.
No.	Channel Name	Frequency(	Video ID	Audio ID
Channel	information	m		
	el Number:			Scan
				Export

#### 4.3.1 Receive a Channel

To receive a channel through your network, please connect the antenna to the Presto! PVR device and make the proper settings.

Step 1: Click Step 1: Click step 1: Click the Device tab.Step 2: Choose a device from the Device list.

Settings							X
Device	Channel	Video	Record	Schedule	Skin	Live Upd	ate
Devi	ce :						
Asic	en_DM011	BDA Dig	jital Tuner	_0		•	
							Apply
						5	
					(	ОК	Cancel

Step 3: Click the Channel tab, and then do one of the followings:

- Click Scan to search for channels. If channels found, it will be included in the channel list. When finished, you can choose a channel and change its name.
- Import and Export channel lists. Using this feature, you won't need to scan for channels when using Presto! PVR on different computers.

Select the red heat next to a channel to make it a favorite channel. Clear the heart to remote it from the list.

Step 4: Click OK to close the Settings dialog box and watch TV.

evice)	Chan	inel Video	Record	Schedule	Skin	Live Updat	e
	No.	Channel	Name	Frequency(	. Vide	o ID	Audio ID
9	1	TV GLO	ВО М	473143	641		643
•				ш			•
		information I Number:					Scan
[	1						
C	Channe	el Name:					mport
	TV GL	ово м				[	Export

### 4.3.2 Choose a Channel

After you have installed Presto! PVR and scanned for channels, you can click (III) and select

a channel from the list. Click  $\bigcirc$  or  $\bigcirc$  to switch between channels, and  $\bigcirc$  to go to the last channel viewed.



Another way to choose a channel is to right-click the program viewer and selects **Channel Surfing** from the screen menu. You will see available channels in thumbnail form. You can play any channel by double-clicking the thumbnail. Click **Esc** to go back to live programming,

### 4.3.3 Recording a Program

When you find a good show, click 🔍 to start recording and the recorded program will be

saved in the working folder specified in the settings. You can click 💌 to stop recording, and

the preview screen will return to the current program.

When recording, you can go to Full screen, minimize, and restore, but you **CANNOT** change channels, or close the program.

### 4.3.4 Scheduling Your Program Recording

You can add, modify, or delete items for recording programs in the future. For this, you will have to open the **Settings** dialog box by click **S** and selecting the **Schedule** tab.

No.	Source	Name	Channel	Description	Stat	us
1	ISDBT	New Task	1	One Time, 1747,		
2 3	ISDBT ISDBT	New Task New Task	1	One Time, 17:47, One Time, 17:53,		
•	EPG	Add	) [ M	16	lete De	lete All
-						
After	/hen a sch scheduled	recordings fro	om Hiberna	it will be in silent n ate or Standby mo		ed :
After	/hen a sch scheduled		om Hiberna	ate or Standby mo		ed :

- **EPG**: To get an online listing of current TV programs.
- Add...: To schedule additional recording
- **Modify...**: To Change the schedule for selected recordings
- Delete...: To cancel a selected recording
- Delete All: To cancel all scheduled recordings.
- If you want to use Silent mode while recording, click When a scheduled recording starts, it will be in silent mode.
- You can choose the action to be taken when a scheduled recording is finished from the After scheduled recordings from Hibernate or Standby mode are completed box. (The selected option will not be applied unless the computer was awoken from Hibernate or Standby mode to make the schedule recording.)

### 4.3.5 Time Shifting

While watching the big game, you can click the pause button, and go get another bag of chips without missing any of action. When you come back and click the play button, you will resume watching from the point at which you paused. The illustrations below show how the buttons will change during time shifting.

-- Click we to prepare the recording of programming for time shifting. Please refer to blow illustration.



-- When the button change to W, click it to start time shifting. You ca also continue watching the program from the point at which it was paused by clicking this button. Please refer to below illustration.



-- During time shifting, you can go forward or backward over parts of the program by clicking

the *interview* or *interview* buttons. You can also move the slider *interview* to the right or left to skip parts of the show that are less interesting. Please refer to below illustration.



-- Click volume to pause. The preview screen will freeze, but the recording will continue. Please refer to below illustration.





to stop time shifting and refer to the live program. Please refer to below screen.



Note:

1. When pausing time shifting, you can change the screen size, adjust the volume, and turn closed captions on and off. However, you cannot change channels, adjust the configuration, or close the program,.

2 When closed captions is supported, you can turn it on and off during time shifting.

4.3.6 Adjust the Volume



Use the plus and minus buttons to increase and decrease the volume. The indicator will reflect the changes. Click the speaker button will turn the sound on and off.

# 4.3.7 Taking Snapshots

Use **CTRL** + **Alt** + **S** to capture the screen at the moment. The snapshots will be save in the working folder. You can change the file format to save the snapshot on the **Record** tab of the **Settings** dialog box.

Folder: C:\Users\Winnie\Documents\Presto! PVR\ Snapshot File format: JPG	Device	Channel	Video	Record	Schedule	Skin	Live Update	
Snapshot	Fol	der:	C:\	Users\Wir	nie\Docum	ents\Pre	sto! PVR\	
File format:				~				
	File	format:		JPG			•	
OK							ок	Cano



# EC Declaration of Conformity

For the following equipment:

\*Type of Product: USB 2.0 Digital TV Receiver (ISDB-T)\*Model Number: DTR-100DB

\* Produced by:

Manufacturer's Name : **Planet Technology Corp.** Manufacturer's Address : 11F, No. 96, Min Chuan Road, Hsin Tien Taipei, Taiwan, R.O.C.

is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (89/336/EEC, 92/31/EEC, 93/68/EEC).

For the evaluation regarding the Electromagnetic Compatibility, the following standards were applied:

EN 55013 (2001 + A1: 2003 + A2: 2006) EN 61000-3-2 (2006) (not applicable) (1995 + A1: 2001 + A2: 2005) (not applicable) EN 61000-3-3 EN 55020 (2002 + A1: 2003 + A2: 2005) S1, Input immunity S2a, Immunity from conducted voltages (not applicable) S2b, Immunity from conducted currents S3 Immunity from radiated fields S4 Screening effectiveness (not applicable) IEC 61000-4-2 (2001 ED. 1.2) IEC 61000-4-3 (2006 ED. 3.0) (2004 ED. 2.0) (not applicable) EN 61000-4-4

**Responsible for marking this declaration if the:** 

☑ Manufacturer □ Authorized representative established within the EU

Authorized representative established within the EU (if applicable):

Company Name: Planet Technology Corp.

Company Address: 11F, No.96, Min Chuan Road, Hsin Tien, Taipei, Taiwan, R.O.C

Person responsible for making this declaration

Name, Surname Jonas Yang

Position / Title : Product Manager

Taiwan

Place

16<sup>th</sup> August, 2008 Date

Legal Signature

# PLANET TECHNOLOGY CORPORATION

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