

USB 2.0 Digital TV Receiver (DVB-T)

DTR-100D

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



To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

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-100D Model: DTR-100D Rev: 1.0 (April 2008) Part No. 2081-K10030-000

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Chapter 1 Introduction

Planet DTR-100D is DVB-T Digital TV receiver that offers a complete and cost effective solution for Digital TV broadcasting.

Planet DTR-100D connects Digital TV with your computer/notebook, DTR-100D 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-100D provides Multi-Channel preview, Real-Time digital video recording (DVR), image capturing, 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-100D 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 DVB-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 Feature

- Compliant with DVB-T Standard (ETS 300 744)
- Compliant with USB 2.0
- Supports Real Time Digital Video Recording (MPEG-2 compression)
- Supports HDTV quality (Requires P4 3.0GHz or higher CPU, 512MB RAM or above)
- Supports Schedule Recording

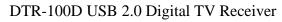
- Supports Time-Shifting(Requires P4 2.0GHz or higher CPU)
- Supports EPG (Where available)
- Supports Teletext (Where available)
- Supports Snap Shot in JPEG format
- Supports Multi-Channel preview
- Supports channel auto scan
- Supports portable receiver
- Supports Subtitle
- Multiple language (English, German, French, Italian, Dutch, Spanish, Portuguese, Traditional Chinese and Simplified Chinese)
- Software Upgradeable

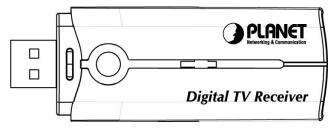
1.2 Package Contents

- 1. DTR-100D USB 2.0 Digital TV Receiver
- 2. Installation CD (Include User Manual, Quick Installation Guide, Utility and Driver)
- 3. Remote Controller
- 4. DVB-T TV Antenna

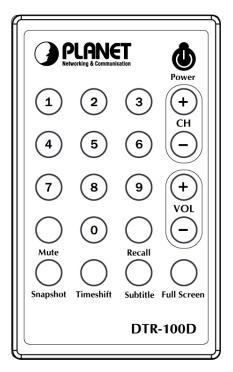
1.3 Physical Details

Outlook





Remote Controller



Button Definition

Button	Description
Power	Turn on or off digital TV receiver.
CH(+,-)	Click + or - button to adjust the channel.
VOL(+,-)	Click + or - button to adjust the volume of sound.
Full Screen	To switch into full screen mode.
Recall	Click the "Recall" to go back the last channel you just selected.
Subtitle	This only available with the local TV provider which also support this feature. Click this button, and you can view the extra text on the channel screen.
Timeshift	With this button, you can pause while watching TV program and continue from where you left.
Mute	To switch volume to mute mode.
Snapshot	To capture the channel screen you are just watching.
Keyboard 0-9	You can directly to press the number to view the channel you like to watch.

Chapter 2 Hardware Installation

This chapter offers information about installing your router. If you are not familiar with the hardware or software parameters presented here, please consult your service provider for the values needed.

2.1 System Requirement

- 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
- HD space at least 1 GB free for installation
- Microsoft DirectX 9 or above
- Windows 2000 or above
- Windows Media Player 9 or above

2.2 Hardware Installation

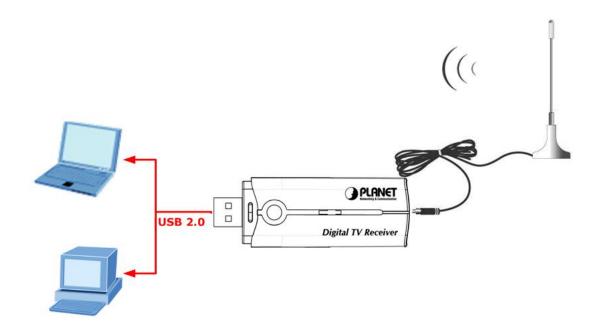
This chapter explains how to install DTR-100D with your computer or notebook.

1. Connecting USB Port

Connect USB connector of the DTR-100D to the USB port on your computer or notebook.

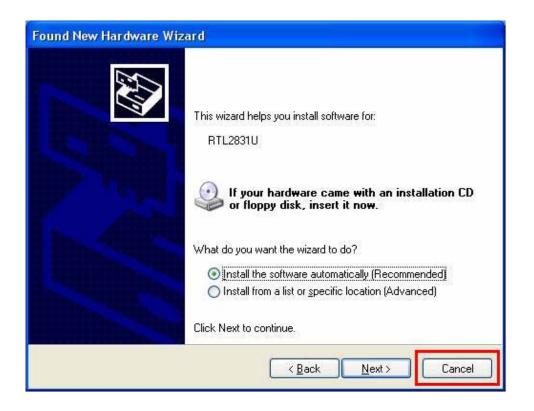
2. Connecting Terrestrial Antenna

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



3. Install Device Driver & Utility

(1) After installing the DTR-100D into your computer or notebook, the system will find a new hardware device as the below figure "Found New Hardware Wizard" will appear. Please click "Cancel" to exit the Wizard.



(2) Please insert the supplied CD into your CD drive, and then install the utility and driver. There are three utilities in the supplied CD: **Windows Media Player 9**,

Microsoft DirectX 9, and ArcSoft TotalMedia.

The installation procedure: Windows Media Player 9 → Microsoft DirectX 9→ TotalMedia → DTR-100D's Driver.

Parameter	Description
2.2.1 Windows Media Player 9	Before installing DTR-100D's driver, it is necessary to install Windows Media Player 9 and DirectX 9, or higher
2.2.2 Microsoft DirectX 9	version for your Operating System. If your system already has Windows Media Player 9 and DirectX 9, or higher version, you can skip this part of installation.
2.2.3 ArcSoft TotalMedia	This option to install ArcSoft TotalMedia software and this is user interface allow you to access and work with the digital photo, video, recorded TV programs, and music library directly from your TV or home computer.
2.2.4 Driver	To install the DTR-100D's driver.

(1) If you install the DTR-100D 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-100D's operation).
(2) Be sure, if you connect the antenna to the DTR-100D

and please adjust it to a better reception angle and location every time.

2.2.1 Install Windows Media Player 9

∞Note

Before installing DTR-100D's driver, it is necessary to install Windows Media Player 9 and DirectX 9, or higher version for your Operating System. If your system already has

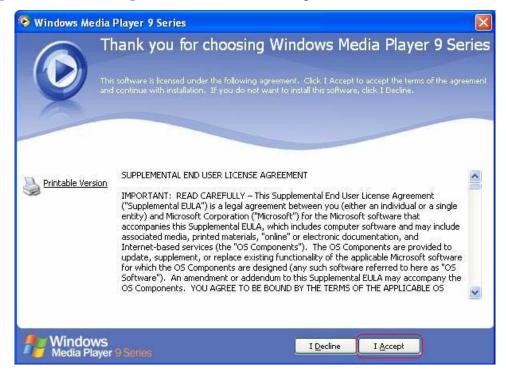
Windows Media Player 9 and DirectX 9, or higher version, you can skip this part of installation.

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.



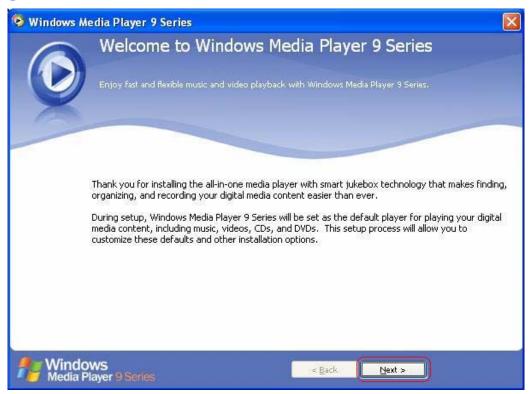
Step 3→ Click "**I Accept**" to continue the next step.



📀 Windows	Media Player 9 Series
	Installing
X	Windows is being upgraded with Windows Media Player 9 Series. After the upgrade is complete, you can configure Player options.
	Currently installing Windows Media Rights Management 14%
	Verifying installation directories 100%
Nind Media	OWS Player 9 Series

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

Step 5→ Click "**Next**" to continue.



0	Select your Privacy Options
	Microsoft is committed to protecting your privacy. To deliver an enhanced experience, data is exchange over the Internet and may be saved on your computer.
X	Privacy Options Privacy Statement
	Enhanced Playback Experience
More info about the options	rmation see privacy ↓ Update my music files (WMA and MP3 files) by retrieving missing media information from 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 history in the Player
Wind	OWS

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

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	
	ustomize the Installation Options Ifigure your desktop and Windows Media Player 9 Series default settings.	
$\mathbf{\nabla}$	File Types More Options	
	9 Series will be the default player for the file types that are selected in the follo an administrator or a member of the Administrators group to change these settin	
Description:	Windows Media Audio file (wma)	~
Includes files with	Windows Media Video file (wmv)	
.wma and .wax extensions.	Windows Media file (asf)	
excention of	VD Video	
	Music CD Playback	
	MP3 audio file (mp3)	-
	Windows video file (avi)	
	Windows audio file (wav)	
	Movie file (mpeg)	
	MIDI file (midi) AIFF audio file (aiff)	
		×
Windows	< Back Next >	Finish
Media Player	9 Series	<u></u>

2.2.2 Install Microsoft DirectX 9

Before installing DTR-100D's driver, it is necessary to install Windows Media Player 9 and DirectX 9, or higher version for your Operating System. If your system already has Windows Media Player 9 and DirectX 9, or higher version, you can skip this part of installation.

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

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

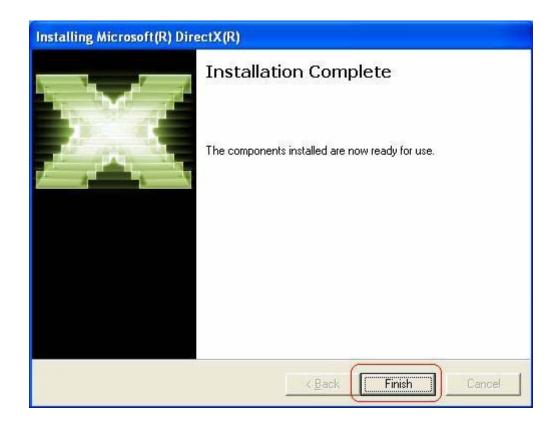
Installing Microsoft(R) Direc	:tX(R)	
	Welcome to setup for DirectX The DirectX setup wizard guides you through installation of DirectX Runtime Components. Please read the following license agreement. Press the PAGE DOWN key to see the re- of the agreement. You must accept the agreement to continue the setup.	
	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	
	< <u>Back</u> Cancel	

Step3 → Click "**Next**" to continue installation.

Installing Microsoft(R) DirectX(R)	
DirectX Setup Install DirectX runtime components	
DirectX 9.0 Runtime Install: This install package will search for updated DirectX Runtime Components and update as necessary. It may take a few minutes. To start installation, please click Next.	
< <u>B</u> ack	Cancel

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

Installing Microsoft(R) DirectX(R)			
Progress Please wait while Setup completes the fo	llowing actions.		
Installing Components			
Searching for updated DirectX Runtime necessary. This may take a few minute		updating as	
Extracting files			
dxnetsrv.inf			
	< <u>B</u> ack	<u>N</u> ext>	Cancel



Step 5→ After operating system completes DirectX9 installation, and click "Finish" to restart your system.



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

Found New Hardware Wiz	ard
	This wizard helps you install software for: DVB-T 2 If your hardware came with an installation CD or floppy disk, insert it now.
	Install the software automatically (Recommended) Install from a list or specific location (Advanced)
STATISTICS OF ST	Click Next to continue.
	< <u>B</u> ack <u>N</u> ext > Cancel

2.2.3 Install ArcSoft TotalMedia Software

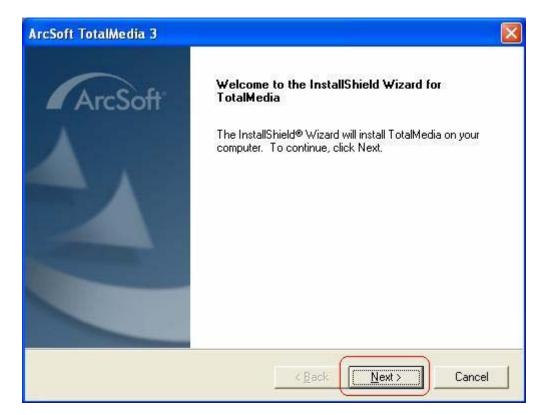
To execute TotalMedia application, your system must have Media Player 9 and DirectX 9 or higher version. If your system is not installed yet, please refer to "2.2.1 *Install Windows Media Player 9*" and "2.2.2 *Install Microsoft DirectX 9*" for the installation.

Step 1→ Run the Installation CD and click "ArcSoft TotalMedia" for ArcSoft TotalMedia software installation

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



Step 3→ The Welcome wizard will appear, and click "**Next**" to continue.



Step 4→ Please read the following license agreement carefully. To install ArcSoft TotalMedia, you must accept this agreement and click "Yes".

icense Agreement	
Please read the following license agreement carefully.	io
Press the PAGE DOWN key to see the rest of the agreement.	
ArcSoft End User License Agreement	^
PLEASE READ THE FOLLOWING TERMS ("Agreement") CAREFULLY. USE OF THE SOFTWARE (defined below) PROVIDED BY ARCSOFT IS PERMITTED ONLY UNDE AND IN ACCORDANCE WITH THIS AGREEMENT. IF YOU DO NOT AGREE TO BE BOUND BY THIS AGREEMENT, PLEASE DO NOT USE THIS SOFTWARE. IF YOU OBTAIN THIS SOFTWARE IN FORM OF CD WITHOUT PRINT COPY OF THIS AGREEMENT, AND YOU DO NOT HAVE OPPORTUNITY TO READ THIS AGREEMENT, YOU MAY RECEIVE A FULL REFUND OF THE ORIGINAL PURCHASI PRICE IF YOU (i) DO NOT USE THIS SOFTWARE, AND (ii) RETURN IT WITH PROD	7
Do you accept all the terms of the preceding License Agreement? If you choose No, th setup will close. To install TotalMedia, you must accept this agreement.	Э
	ło

Step 5→ To install to this folder, click "Next", or to install a different folder, click "Browser" and select another folder

ArcSoft TotalMedia 3	X
Choose Destination Location Select folder where Setup will install files.	ArcSoft
Setup will install TotalMedia in the following folder.	
To install to this folder, click Next. To install to a different folde another folder.	er, click Browse and select
Destination Folder	
C:\Program Files\ArcSoft\TotalMedia 3	Browse
InstallShield	

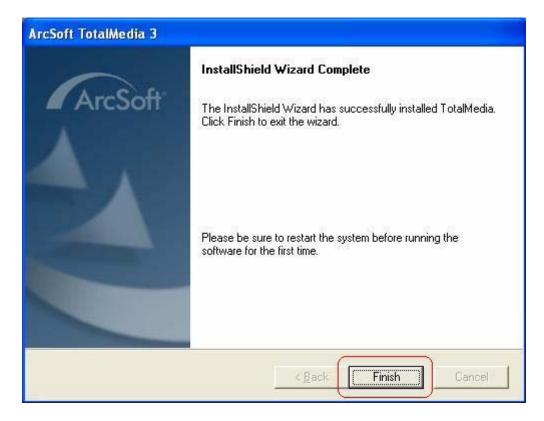
Step 6→ Select Program Folder and click "**Next**" to continue.

	ArcSo
Setup will add program icons to the Program Fok name, or select one from the existing folders list. <u>P</u> rogram Folders:	der listed below. You may type a new folder Click Next to continue.
ArcSoft TotalMedia 3	
Existing Folders:	
Accessories	
Administrative Tools Games Intel Application Accelerator Realtek Sound Manager Startup	
•	
IIShield	

Step 7→ Please wait for while for setup procedure.

ArcSoft TotalMedia 3	
Setup Status	ArcSoft
TotalMedia Setup is performing the requested operations.	
Installing: TotalMedia 3	
100%	
InstallShield	
HARGID VIEW	Cancel

Step 8→ The installShield Wizard has successfully installed ArcSoft TotalMedia, click "Finish" to exit the Wizard.



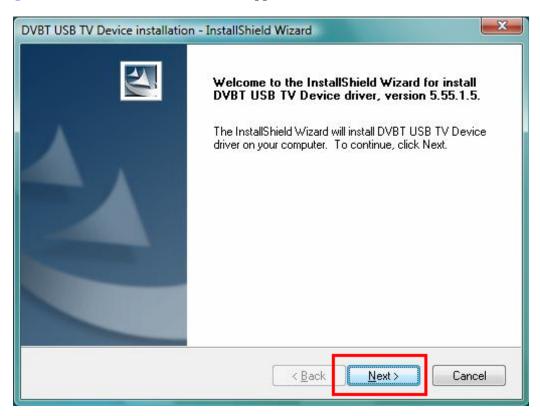
Step 9→ There will be one TotalMedia icon shown on Desktop after the installation:



2.2.4 Install DTR-100D's driver

Your Operating System **MUST** has DirectX9 or higher version before you install the driver. If your system is not installed yet, please refer to "2.2.1 Install Windows *Media Player 9*" and "2.2.2 Install Microsoft DirectX 9" for the installation.

Step 1→ Click "**Install Driver**" to start installing driver.

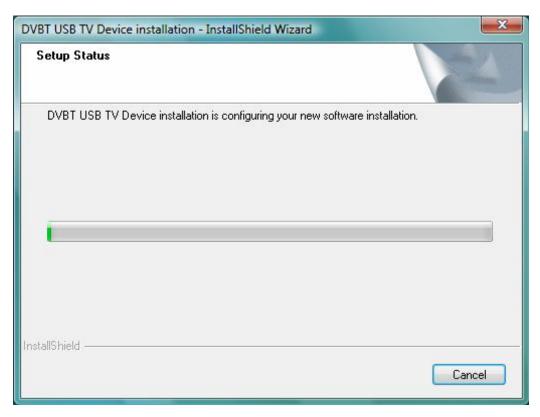


Step 2→ The InstallShield wizard will appear, and click "**Next**" to continue.

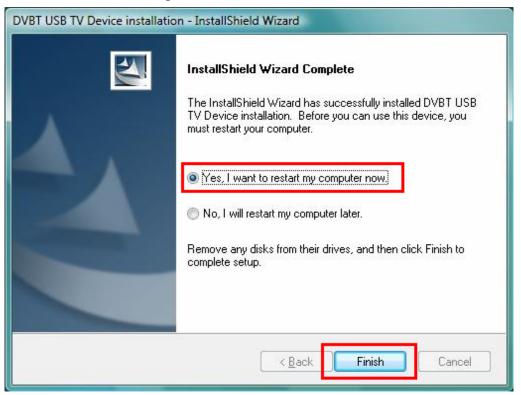
Step 3→ Click "**Install**" to begin installation.

DVBT USB TV Device installation - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Back. Click Car the wizard.	ncel to exit
InstallShield	Cancel

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



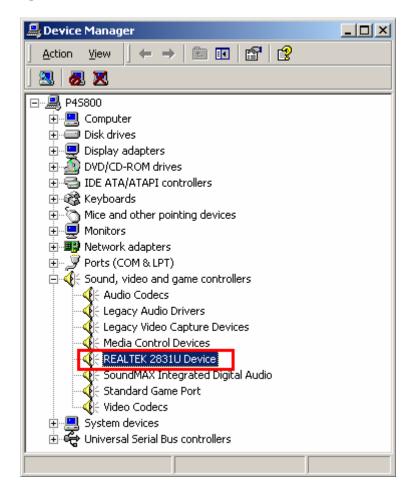
Step 5→ Before using the device, it is recommend that restarting the computer for device complete the setting. Choose "Yes, I want to restart my computer now" and click "Finish" to restart computer.



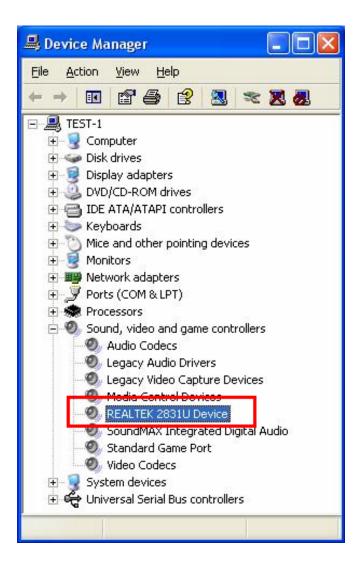
Step 6 To check if the driver is properly installed:

For Windows 2000

Click Start → Settings → Control Panel → System → "Hardware" tab → choose "Device Manager"



For Windows XP Click Start Settings→Control Panel→ System → "Hardware" tab → choose "Device Manager".



Chapter 3 User Interface

ArcSoft TotalMedia is an all-in-one multimedia application that allows you to access and work with digital photo, home video, recorded TV programs, and your digital music library directly from your TV or home computer.

Note that some versions of TotalMedia may not contain all sections listed on the Help file which depending on the hardware configuration, and the specific version of TotalMedia installed.

3.1 Launch TotalMedia Monitor

There are three methods to lunch your TotalMedia Monitor: (1) Double-click Desktop Icon "**TotalMedia 3**".



(2) Double-click Tray Bar icon "TotalMedia Monitor".



(3) From <u>/Start/All Program/ArcSoft TotalMedia 3/TotalMedia 3</u>.



3.2 Main Monitor

After launch your TotalMedia Monitor, it is divided into the main sections as **TV**, **Picture**, **Music**, **Video**, and **Setup**.

You will see the screen as below:



Parameter	Description
3.2.1 TV	This section allows you view and edit the settings for TV Recording.
3.2.2 Picture	This section allows you view photos stored within any folder on your computer.
3.2.3 Music	Allow you to listen, record, and transfer music files.
3.2.4 Video	This section allows you to play video files stored on your computer.
3.2.5 Setup	Allow you configure the basic settings for each module of the program

Click on one of these parameters and then proceed to the manual's relevant sub-section (**3.2.1**, **3.2.2**, **3.2.3**, **3.2.4**, **or 3.2.5**). You can simply go to each section and start your TotalMedia. If you have any question about your ArcSoft TotalMedia's functions or

settings, you can click "?" (Help) icon on the top-right corner of ArcSoft TotalMedia screen. Then, you will search any question from this Help file.



• Floating Toolbar

This floating toolbar appears for a few seconds whenever you move the mouse:

(1) Home button:

The "**Home button**" takes you to the program's Startup screen. The "**Arrow**" takes you to the previous screen.



(2) The Toolbar at the bottom of the screen:

It features the standard audio/video playback controls (Play/Pause, Stop, Record) plus Volume and Channel controls. Special controls for TV playback and only appear when necessary.



(3) When watching movie discs, video files, and recorded TV show:

Use these buttons to adjust the playback speed at variable rates.



(4) When watching MPEG-2 videos and recoded TV shows:

Use these buttons to skip forward by roughly 27 seconds, or backwards by roughly 27 seconds. These buttons are useful for bypassing commercials or skipping back slightly if you accidentally skip ahead too far.



3.2.1 TV



When you watch TV for the first time, the application will prompt you to configure the TV channels. After the configuration is complete, you can use your Remote Controller to change channels, or use the channel control (+/- button) in the floating toolbar at the bottom of the screen.

You may pause and rewind TV (while you're watching) using both the Remote Controller and the toolbar.

3.2.1.1 Search TV channels

Step 1→ Once you first enter TV section from ArcSoft Startup screen, you will see the Setup TV Signal wizard as below. Simply click "Next" to begin configuring your TV signal.



Step 2→ Select your region and click "**Next**" to continue.

Previous	Select Your Region
Next	Current region: United States
Cancel	Change your region:
	Afghanistan
	Albania
	Algeria
	American Samoa
	Andorra
	Angola
	Antarctica
	1 of 220 🔨

	Scan Channels
Previous	Scan for available channels. This process may take several minutes.
Next	Use LCN(Local Channel Number)
Cancel	Start
	Ch. Name
Partil	

Step 3→ Click "**Start**" button to scan the available TV channels.

Step 4 Please wait for few minutes for channel scanning.

Previous	Scan for available channels. This process may take several minutes.
Next	Use LCN(Local Channel Number)
Cancel	Stop
	Ch. LCN Name
Yanti	

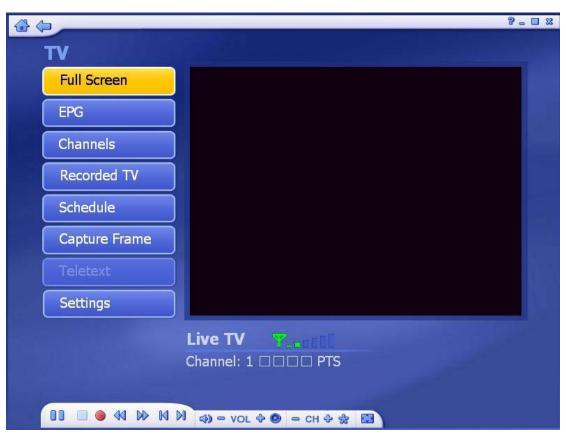
Step 5→ After scanning is completed, the message will show the number of available channels was found. Click "OK" to exit this screen.



Step 6→ Click "**Finish**" button to continue.

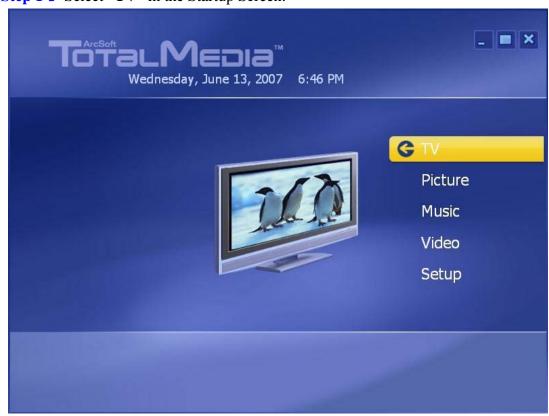
Finish	Congratulations! The TotalMedia TV module is ready to go. Click Finish to exit.

Step 7→ After TV channel configuration is completed, you can start watching your TV.



3.2.1.2 Channel Preview

After you save all scanned TV channels, you can use hot key "Shift + Ctrl + S" to preview all channels.



Step 2 After enter the TV section, press hot key "**Shift** + **Ctrl** + **S**" on keyboard.



Step 1→ Select "**TV**" in the Startup Screen.

Step 3→ You will see the all channels in the preview screens as below. If you want to see the particular channel on the preview screens, simply click the screen to view it.



3.2.1.3 Full Screen

Display the Video over the entire program display area – Typically the entire screen. You can click the "**Full Screen**" Button to switch into full screen mode. Press "**Esc**" or double-click the mouse to go back to a normal window.



∞Note

You should check the "**Time-Shift**" option in TV Settings to display the time bar.

3.2.1.4 Favorite Channel List

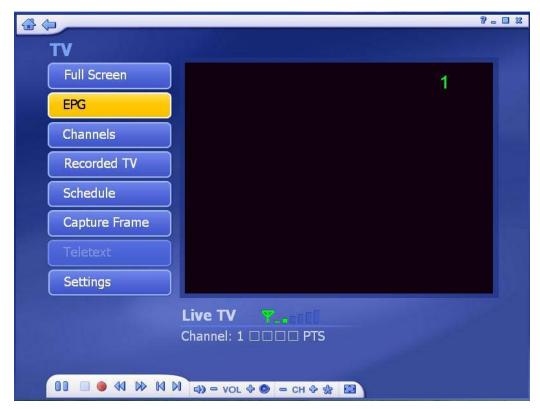


Press "Ctrl+D" to display the Favorite Channel List and select a channel to watch.

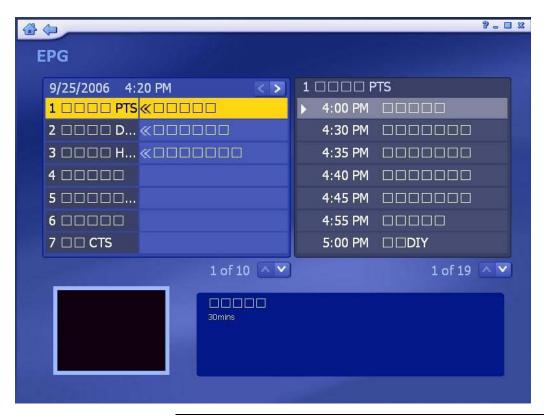
- To remove a channel, click on its corresponding "**Delete**" icon (trash cam)
- To rearrange your list, press the **UP/DOWN** arrow buttons on the right of each channel.
- Click on the **UP/DOWN** arrow buttons on the left to browse the channel list.

3.2.1.5 EPG

This section lets you view the channel program lists.



If you are using a digital device, please select to access EPG or network to view the program lists. While using analog device, the program will take you to the network EPG directly.



This option is only available if you are using an EPG service. The Internet EPG may not be available in all countries and the EPG on some digital services may bit be supported.

∞Note

3.2.1.6 Channel

Ch. 1	Name CHANEL 1 1	Ch.	Name
2	CHANEL 2		
	1	1 CHANEL 1 🤺	1 CHANEL 1 🚸

This section lets you view the channel list and select a specific channel.

The available channels are listed here. There is a preview window in the bottom left corner of the screen. To watch a channel, click on it, and it will appear in the preview window. You can click the button next to the preview window to play it in Full Screen mode. Press "**Esc**" to exit Full Screen. Double-click a channel will take you back to the TV main screen and the program will start showing.

- Add to Favorite: Highlight a channel on the list and click on the button to set it as a favorite channel. A checkmark indicates favorite channel.
- **Delete from Favorite:** If you select a favorite channel, click on this button to remove it from the favorite channels list.
- **Channel Type:** From the Channel Type, choose either to view "**All**" or only the "**Favorite**" channels.

3.2.1.7 Recorded TV

This section	displays	your recorded	ΤV	shows.
--------------	----------	---------------	----	--------

	? - I X
Recorded TV My Videos	9/25/2006
Cancel Title Cancel Image: Control of the second system of the secon	
View: Detail Sort: Date	
09_25_2006_16_43_07.mpg 9/25/2006 24.78 MB 00:01:11	1/2 🔨 🔽
00 □ ● 41 Ⅳ H H a) = vol & ◎ = ch → ☆ 🔝	

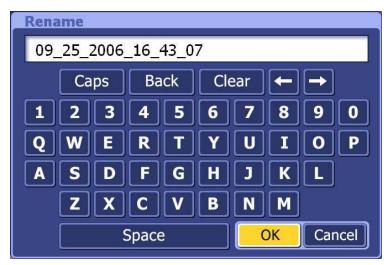
When you playback recorded TV, you can fast forward or reverse using either the controls on your Remote Controller, or on the floating toolbar. You can click the button next to the preview window to play it in Full Screen mode. Press "**Esc**" to exit Full Screen.

- From the **View** Screen, you can choose either "**Detail**" or "**Thumbnail**" view. Both views show you thumbnails of the available photos and folders; "**Detail**" view includes file/folder names and dates.
- From the **Sort** section, choose to arrange the photos according to name or date.
- To trim a video, click the **Scissors** icon to the right of the file.
- To rename a video file, click the "A_" icon to access a virtual keyboard.
- Click the **Delete** (Trash can) icon to delete a file.

When you use recording function, it will allow the length of TV program which you record to occupy the space in your hard disk. So, please make sure you got enough space in your hard disk for recording.

∞Note

Rename a video file name



Trim a Video

₫ ¢₽	9 - O X
Edit Video	
Save	
Jave	
Cancel	
Set Thurnboall	(1000 Redo)
	(te +) Reset
00:00:00	00:00:57
00.00.00	00.00.57

3.2.1.8 Scheduling

This section lets you program the application to record TV shows, then the application will monitor the schedule and record the scheduled programs automatically on the correct day and time.

				9 - 🗆 X
Schedule				
Add	Title	Ch.	Date	
Modify	CTS	7	9/25/2006	_
History				
Cancel				
Frequency All				
			1 of 1	~~
	CTS Program Length: 6 Will be recorded a		3:00 PM	

(1) Add: Let you enter in a new program for recording:

- Enter the name of the program (Click "A_" to access a virtual keyboard), then select a channel, record frequency (once, daily, or weekly), and set the start/stop recording times.
- The "**Frequency**" option enables you to filter shows by how often they are recorded (once, daily, weekly)

	Program Name
Save	
Cancel	Channel 3
	Frequency Once
	Start Recording
	Start Recording
	Date 9/25/2006

				? - C X
Modify	Prog	ram Name		
Save	Program 1			
Cancel	Channel	4		
	Frequency	Once		
	Start Record	ling		
	Date	9/25/2006		
	Start Time	4 59	PM	
	Stop Time	5 59	PM	
		visk Space:2.780 Disk Space:1.90		

(2) Modify: Let you edit the recording details of the selected item.

(3) History: Display a history of your recorded TV shows.

					? - 🗆 X
History					
	Title	Ch.	Date	Status	
Clear All	CTS	7	9/25/2006	Manual.	. ŵ
Cancel	нту	3	9/25/2006	Manual.	. 🗇
Frequency All			2	of 2	
	HTV Program Length: Recorded at 9/25				

(4) **Deleting a scheduled recording:** To delete a scheduled item, highlight the item, then choose and click the "**Delete**" icon that appears to its right.

(5) Scheduling conflicts: If conflicting recording sessions are scheduled, you will be presented with a summary of the conflicts and asked to update the schedule.

3.2.1.9 TV Settings

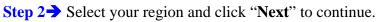
Here you can view and edit default settings for recording from TV.

	9 - 🗆 X
TV Settings	
	Reset TV Signal
	Edit Channels
	TV Settings
	Import Channel List
	Export Channel List

(1) Reset TV Signal: This section lets you view and edit the setting for TV Signal.

Step 1→ Reset TV Signal will clear all your previous configuration data. If you want to reset the TV Signal, click "Yes" to continue.

ArcSoft TotalMedia
Reset TV Signal will clear all your previous configuration information. Are you sure you want to continue?
Yes No



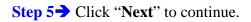
			₽- □ ¤
TV Signal			
Previous	Select Your Reg	jion	
Next	Current region:	United States	
Cancel	Change your regio	on:	
	Afghanistan		
	Albania		
	Algeria		
	American Samoa	a	
	Andorra		
	Angola		
	Antarctica		
		1 of 221 🗸	

Step 3→ Click "Start" to scan for available channels. This process may take several minutes.

	Scan Ch	annels
Previous		available channels. This process may take
Next	several m	ninutes.
Cancel	Start	
	Ch.	Name
	1	PTS
	2	DiMo
7 111	3	
	4	
	5	
	6	

Step 4→ After TV Channel rescanning is completed, the message will show the numbers of channels are found. Click "OK" to continue.





	Scan Cha	nnels	
Previous		Scan for available channels. This process may take several minutes.	
Next	Severar min	lutes.	
Cancel	Start		
	Ch.	Name	
	1	DDD PTS	
	2	DiMo	
Y	3		
	4		
	5		
	6		

Step 6→ Click "**Finish**" to exit.

Finish	Congratulations! The TotalMedia TV module is ready to go. Click Finish to exit.

Set up 2 tuners. After setting up one tuner, if there is another tuner in your PC, you can repeat the steps for the second tuner.

Choose the option you want from the various pull-down lists. The program also provides "**Previous**" and "Next" buttons to switch between setup pages.

Edit Channels Save Cancel	Scan Cha Scan for a several mi	vailable channels. This	२ = 🛛 १ s process may take
	Start		
Select All	Ch.	Name	
Clear All	✓ 1		A 📅 💲
Add Channel	2	DDD DiMo	
Yetel	V 3		
	4		
	V 5		
	6		
	1.		1 of 10

(2) Edit Channels: View and edit channels for recording from TV.

- To add channels automatically, simply click "Start". The program will scan through each channel and determine if there is an available signal. Channels will appear in the channel list.
- To select the channels, you can click on one by one or using the "Select All" option.
- To rename the channel, click "A_" icon to access a virtual keyboard.
- Click the "**Delete**" (trash can) icon to delete a channel.

Apply	Subtitle	
OPP01	Off	~ ×
Save	Audio	
Cancel		
	Video Standard	
	Digtial TV EPG	
	EPG data from DTV signal	
	Time Shifting	
	On	~ ~
	Pause live TV and watch reco recording is complete. High p required.	

(3) TV Settings: This section lets you view and edit the TV settings.

- Choose the device you want to use.
- Choose Close Caption/Subtitle and Time Shifting from the list.
- Setting the Time Shifting feature to "**On**" enable you pausing live TV and watch recorded TV before the recording is complete. This feature requires a high performance PC.

(4) **Import Channel List:** This section lets you import the channel list that you saved before.

Import	My Documents
Cancel	Tibe
	🥟 ArcSoft ToGo
	📂 My Albums
	📁 My eBooks
	📂 My Music
	🥟 My Videos
	Precorded TV
	🗾 💹 😇 My Favorite.chl

- Go to the folder that contains the channel list file you want to import (for example: My Favorite.chl). Click on the "**Up One Level**" button to go up one directory level.
- Check the channel list file (.chl) you want to import.
- When you are ready, click "**Import**"

Export	File Name:
Cancel	My Documents
	Title
	📁 ArcSoft ToGo
	📁 My Albums
	📁 My eBooks
	📁 My Music
	📁 📁 My Videos
	Recorded TV
	My Favorite.chl

(5) Export Channel List: This section lets you export the current channel list.

- Browse your computer and go to the folder that you want to save the channel list file.
- To rename a channel list file, click on the "A_" icon to bring up a virtual keyboard or type in your file name directly.
- When you are ready, click "Export"

3.2.2 Picture

12.00

This area lets you view photos stored within any folder on your computer.

Pictures Slide Show	v	C Wul	han University	2005-7-14
Play			-	NO. OF THE OWNER
Settings			1	
Print		001	002	004
Edit		and the second	1	
			1	
		005	006	007
View:		-	and the second	1000
Thumbnail			10.05	
Sort:				
Name	~ ~	008	009	010
				9 of 127 🔨 🔽

Q 40 11

- At the top of the screen, the currently viewed folder is listed. Click the "Up One Level" button to go up one directory level.
- Selecting a photo from this screen will start a slide show of the photos in the current location, starting with one you selected.
- From the "**View**" section, you can choose either "**Detail**" or "**Thumbnail**" view. Both views show you thumbnails of the available photos and folders; "**Detail**" view includes file/folder names and dates.
- From the "**Sort**" section, choose to arrange the photos according to name or date.

• Edit

The multitude of editing options is available, each one being extremely easy to use. Options include:



(1) **Rotate:** Rotate the photo 90 degrees counterclockwise or clockwise by clicking the corresponding icon.



(2) Zoom In/Out & Pan: Use this tool to zoom in and out on your photo.



When zoomed in, you can move to hidden areas of the photo by switching to the pan tool.



(3) **Auto Enhance:** Selecting this option presents you with three automatically enhanced versions of your photo (plus your original one). Simply choose the one you like best.

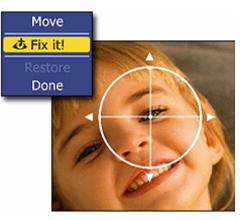


(4) **Red-Eye Removal:** This tool helps you remove red-eye from photos.



- In **Move** mode, position the crosshairs over the redeye area.
- Press enter, then click "Fix it!" to get rid of the red (Click "Restore" to start over).

■ When you finished, click "**Done**".



(5) **Crop:** You can crop your photo to any one of a variety of set proportions that are ideal for perfect printing.



- Choose the proportion to which you want your photo cropped (8x6, 7x5, 4x6...etc)
- Using the "+" and "- "buttons, resize the crop box to your prefer.
- Choose "Move", and then position the crop box over the area of the photo you want to keep.
- To execute the crop command, choose "Crop It!"
- Choose "**Done**" to cancel.



(6) **Previous/Next Photo:** These buttons let you navigate to the previous/next in the current location.



(7) **Delete:** Choose this option to delete the current photo.



(8) **Exit:** It takes you back to the previous screen.



Print

This feature enables you to print multiple photos across a number of pages.



(1) Go to the folder that contains the photos you want to print.

(2) Select the photos you want to print by clicking on the photos one by one or using the "Select All" option.

(3) Choose "Next".



(4) Choose a "**Photo Print Size**" and select the "**Paper Size**" you are using. A preview of your choice will appear to the right.

- (5) Enter the number of "Copies" you want of each printed page.
- (6) Click "Print".

Slide Show Settings

Here you can set the transition effects, timing and background music for your slide show:

Save	Interval	8 Seconds	-+	
Cancel		Fit Show to S	Soundtrack	
	Transitions	Pan & Zoom	~~	
		Loop Slide S	Show	
Music Soundtrack	🔘 On	© Off		-
			Ľ	Add

- From the "Interval" section, set the display time for the slides.
- Click the "**Fit to Soundtrac**k" option to override the slide interval setting and have the slide show is timed to match the duration of your music soundtrack.
- From the "**Transition**s" section, choose the effect that you would like to see as one **49** slide changes to the next.
- Check the "Loop Slide show" box to have your slide show automatically loop once it completes.
- In the "**Music Soundtrack**" section, choose "**On**" to play one or more songs during the slide show.

3.2.3 Music

This area enables you to listen and record music files. You are also able to create custom music play lists. The music files shown here belong to the folder listed at the top of the page. Click the "**Up One Level**" button to go up one folder level in the directory. You can select any music file to play it. Besides, you can filter tracks by Music Genre and sort files by Name, album, artist, or date.

Music	My Documents 20	04-11-1
My Playlists	J Come Fly With Me	2:4
Die Musie CD	JI've Got a Crush On You	4:2
Rip Music CD	Dean Martin	
	JThe Shadow of Your Smile	5:3
	J Street of Dream	1:1
	Frank Sinatra	100-01
Music Genre:	Fly Me to the Moon (In Other Words)	4:2
All	J One O'Clock Jump	3:2
Sort:	JF Frank Sinatra Monologue	4:3
Name 🔨		
CALCORD DA	7 of	7 ~~
	Artist: Frank Sinatra Album: Sinatra at the Sands Title: One O'Clock Jump	

3.2.3.1 My Playlists

Here you can play, organize, and create new audio playlists. Playlists are compatible with Windows Media Player 9 and stored in the "<u>My Documents My Music My</u> <u>Playlists</u>" directory. If you modify a playlist using Media Player, the changes will be reflected in TotalMedia the next time you start the program (pressing "**Refresh**" will also update the playlists).

🕀 🗇 🔔 —		9.02
My Playlists	My Playlists:	
Create Playlist	💋 Moz	1:02:12 📅
Refresh	🎾 Smiths	41:08
Cancel		
	2	1 of 2 📉 🗹
00 🗉 🛛 🕬 🕪 M	🕅 🌒 = VOL 🚸 = CH 🚸	

(1) **Create Playlist:** Here you are able to make a custom playlist from the music on your computer:



- Go to any folder to find the music you want to add to your new playlist.
- Check each song that you want to add, and then click "Next".

		9.
Create Playlist	Delete tracks and/or change the order. Playlist:	
Add Music	Boz Scaggs - Lido Shuffle	3:42
Add Plusic	Boz Scaggs - Look What You've Don	5:19
Save		
Cancel		
Total Size: 5.07 MB		
Items: 1		
Total Time: 3:41		
		1 of 1 🔨
Do DI D M IN MI	N - VOL - CH -	

- Arrange your songs by highlighting then and using the "**Up**" & "**Down** "buttons.
- Remove a song by choosing the "**Delete**" button (It looks like a trash can).
- Once your playlist is set, click "**Save**".

(2) **Refresh:** Updates playlist if they've been modified with Windows Media Player.

(3) Cancel: Take your back to the main Music page.

(4) Edit Playlist: Allows you to add/remove/rearrange songs within a playlist already created. Check the "Shuffle" option to have the songs play in random order.

- Select a playlist and open it.
- Click on a song and play it, and then you will see "Edit playlist" button as below:

4 (p)		9.0
Playlist	_ 🔰 Playlist:Moz	
Edit Playlist	J 01-Sunny	2:43
Cancel	🎵 02-At Amber	2:46
	J 03-Cosmic Dancer (Live)	3:57
	🎵 03-I Can Have Both	4:06
	04-Nobody Loves Us	4:52
	J 05-A Swallow On My Neck	2:52
	🎵 06-Sister I'm A Poet	2:27
	🎵 07-Black-Eyed Susan	4:09
	🎵 08-Michael's Bones	3:11
1 and		5 of 17 🔼 🗹
1 3 M 1	Artist: Morrissey Album: Title: Nobody Loves Us Genre: Alternative	
00 🖬 🗕 📢 🕪 🛙	4 Ø = VOL ♦ = CH ♦	

• To move a song up or down in the playlist, highlight the song then go to the "**Move Up/Down**" button to the right of the song and click up/down on your remote.

Edit Playlist	Delete tracks and/or change the order.	
	🔰 Playlist:Moz	
Add Music	01-Sunny	2:43
	02-At Amber	2:46
Save	03-Cosmic Dancer (Live)	3:57
Control	03-I Can Have Both	4:06
Cancel	04-Nobody Loves Us	4:52
	05-A Swallow On My Neck	2:52
	06-Sister I'm A Poet	2:27
	07-Black-Eyed Susan	4:09
	08-Michael's Bones	3:11
	09-I'd Love To	4:48
otal Size: 75.5 MB	11-Pashemate Love	2:24
ems: 17 otal Time: 1:02:12	12-Girl Least Likely To	4:52
		1 of 17 🔼

• To remove a song by click the "**Delete**" button (trash can icon).

- To add more songs to your playlist, click "Add music" navigate to the folder containing the songs you want to add, and select the songs then click "Next".
- Once your playlist is set, click "**Save**".

💮 🦛		9 . O X
	Select tracks to add to your playlist	
Edit Playlist	Eona Drag	
Next	01-Piccaddilly Palare	3:26
Cancel	🔲 🎵 02-Interesting Drug	3:27
Music Genre:	🔲 🎵 03-November Spawned A Monster	5:25
Al	🔲 🎜 04-Will Never Marry	2:22
Sort:	🔲 🎵 05-Such A Little Thing Makes Such	2:51
Name A Y	🔲 🎵 06-The Last Of The Famous Intern	3:37
	📕 🎝 07-Ouija Board, Ouija Board	4:25
	7 of 10	
	01-Sunny	2:43
Total Size: 75.5 MB	02-At Amber	2:46
Items: 17	03-Cosmic Dancer (Live)	3:57
Total Time: 1:02:12	03-I Can Have Both	4:06
		1 of 17
■ • • • • • •	A) = VOL ♦ = CH ♦	

3.2.3.2 Ripping Music CDs

It's easy to rip (convert) your audio CDs into audio files you can play back on your computer.

☆ (=	۶	Ø 1
	A	
Rip Music CD	Lyle Lovett-The Road to Ensenada Status	
Rip	🗹 1 Don't Touch My Hat	
	🗹 2 Her First Mistake	
Cancel	🗹 3 Fiona	
	🗹 4 That's Right	
Settings	🗹 5 Who Loves You Better	
	6 Private Conversation	
	7 Promises	
	🛃 8 It Ought To Be Easier	
	9 I Can't Love You Anymore	
	10 Long Tall Texan	
	1 of 13 🔨 🗹	
	Copying: 0%	
► • • • • •		

Step 1 \rightarrow Select the tracks you'd like to rip.

Step 2→ Select "**Rip**".

The audio files will be ripped into the directory specified in your settings. Click "**Settings**" to view and change this directory:

	9.
Rip CD Settings	Format: WMA
Save Cancel	Quality: Uses approx 115 MB/CD Smallest Size
	Get CD information from the Internet
	Rip to:
	 Michael Jackson Morrissey
	📂 мрз
	My Playlists 4 of 9

- The **Rip CD Settings page** enables you too choose a file format for ripped files (WMA), the quality setting, and the directory used for saving the ripped files.
- The "Get CD Information from the Internet" option will automatically search the Internet for CDDB information (title, artist, album name...etc.) for the songs contained on your CD. If corresponding information is found, it will be embedded into your ripped music. To use this feature, maker sure your system is connected to the Internet.

3.2.4 Video

💮 🗇		9 . O X
Video	Videos	7/8/2005
Capture	Title Blissful.avi Happy.avi Smashing.mpg	
View: Detail		
Name A V	Blissful.avi 6/15/2005 3.42 MB	1/3 ^ 🔽
	N ⇒ VOL ↔ - CH ↔	

This area enables you play video files stored on your computer and capture video.

3.2.4.1 Playing Movies – Previewing, Renaming, and Deleting

		2 - 🗆 X
Video	My Videos	1/25/2006
Capture	Title File - 1.mpg	□ ≫ <mark>A</mark> ∰
View: Detail Sort:		
Name		
	M ⊕ = VOL ♦ = CH ↔	

- To preview, rename or edit a video file, begin by selecting the video. If the file is not in the current directory, use the navigation control at the top of the screen to go to the folder containing the file.
- To rename the video file, click "**A**_" icon.
- To delete the file, click "**Trash Can**" icon.
- From the "**View**" options you can choose either "**Detail**" or "**Thumbnail**". Both options show you the thumbnails of the available video files; "**Detail**" view includes file names, dates, and other information.
- User the "Sort" features to present your video files in order by file name, file size, and date.

3.2.4.2 Capturing Video

This device does **NOT** support Video Capture function. When you click "**Capture**" button on the Video section, the window below will be shown. Please click **OK** to leave this section.



3.2.5 Setup

This area lets you configure the basic settings for each module of the program:

*		9-01
Settings		
	General General	
	Video	
	Pictures	
	🕰 , Music	

3.2.5.1 General

		9 - 🗆 🛛
General		
	Printer	
	Frame Storage	
	Video Recording Storage	
	Display Settings	
	About TotalMedia	

This screen enables you to view and edit basic program settings:

(1)**Printer:** Choose your default printer.

d (a)		9 - I X
Printer Settings		
Thinker Sectings		
Save	Printer Name	
Cancel		

(2)Frame Storage: Here you can set the save location and file type for captured screenshots.

Save	My Pictures
Cancel	
	File Type
	JPG

(3)Video Recording Storage: Select the location on your computer where all of your recorded TV programs will be saved. You can also set the quality ($HQ: \rightarrow$ High Quality; *SP*: Standard Play; *LP*: Long Play; *EP*: Extended Play).

Save	My Videos		
Cancel			
	Quality		
		A V	

(4) **Display Settings:** Modify the settings for how the program displays on different type of hardware.

	Hardware Acceleration	
	Hardware Acceleration	
Save	Off	
Cancel	Aspect Ratio	
Calicer	16:9	
	Deinterlace	
	On	
	Select Display Effect	
	3D	
	Display effect is the transition effect shown when you switch between user interface screens.	

- Hardware Acceleration should be set to **On** for most system that meet the system requirements, but in the case of a low performance video card, turning Hardware Acceleration **Off** can improve performance.
- The Aspect Ratio of the monitor or television may vary (4:3 or 16:9). Set it to match your hardware, or select "Auto" to let the program choose the aspect ratio automatically.
- When using a television as a display, set "**Deinterlace**" to **Off**. When using acomputer monitor, set it to **On**.
- Choose between **3D** or **2D** for the interface **Display Effect**. 2D means that there will only be a fade transition when switching between screens. 3D mean there will be a zoom and fade transition. Using the 2D Display Effect can improve performance on system that are near the minimums listed in the system requirements.

(5) About TotalMedia: Get information about TotalMedia and access tools for registering your product and searching for program updates and patches.

Done	Toffa∟Meoia™
Register	Version 3.0.31.130
Update	ArcSoft TotalMedia Copyright (C) 2002-2007 ArcSoft Inc.
	This product is licensed under the terms of the End User License Agreement. Manufactured under license from Dolby Laboratories. "Dolby", and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. Copyright 1992 - 1997 Dolby Laboratories. All rights reserved.

3.2.5.2 TV

		? - □ X
TV Settings		
	Reset TV Signal	
	Edit Channels	
	TV Settings	
	Import Channel List	
	Export Channel List	

Here you can view and edit default settings for recording from TV.

- **Reset TV Signal:** This section lets you view and edit the settings for TV signal.
- Edit Channels: View and edit channels for recording from TV
- **TV Settings:** This section lets you view and edit TV settings.
- Import Channel List: This section lets you import the channel list that you saved before.
- **Export Channel List:** This section lets you export the current channel list.

3.2.5.3 Video

		2 - 2 %
Settings		
	General	
	Video	
	Pictures	
	Music	
1		

Modify settings for capturing video:

This device does **NOT** support Video Capture function, please skip Video setting. If you click "**Video**" on the Settings section, the window below will be shown:



Click "**OK**" button to close the window and you will enter into "**Capture Settings**" window below. Due to this device does not support Video Capture function; you can

simply click	"Cancel"	to leave	e the	window.
--------------	----------	----------	-------	---------

Save	Video Device		
Cancel	Video Input Source		
	Video Standard		
	Closed Caption		
	Audio Device		
	Audio Input Source		
		Auto Detect Video Signal	

3.2.5.4 Pictures

Here you can set the transition effects, timing and background music for your slide show:

Save	Interval	8 Seconds		
Cancel		Fit Show to S	oundtrack	
	Transitions	Pan & Zoom		
		Loop Slide S	Show	
Music Soundtrack	🔘 On	© Off		
			L L	Add

- From the "**Interval**" section, set the display time for the slides.
- Click the "**Fit to Soundtrac**k" option to override the slide interval setting and have the slide show is timed to match the duration of your music soundtrack.
- From the "**Transitions**" section, choose the effect that you would like to see as one slide changes to the next.
- Check the "Loop Slide show" box to have your slide show automatically loop once it completes.
- In the "**Music Soundtrack**" section, choose "**On**" to play one or more songs during the slide show.

3.2.5.5 Music

Here you can view and modify your music settings:

¢		۶.
Music Settin	gs Play Settings	
Save	Shuffle	
Cancel	Repeat	
	Show music visualization	
	Rip CD Settings	

- Check the "**Shuffle**" option to have the songs play in random order.
- Check the "**Repeat All**" option to have the music start over again when it's done

• Choose "**Rip to CD Settings**" to change the file format for ripped tracks (WMA).

(a)		9 - 0
Rip CD Settings	Format: WMA	
Save	Quality: Uses a pprox 115 MB/CD	
Cancel	Size Best Quality	
	Get CD information from the Internet	
	Privacy Policy	
	Rip to: My Music	
	Michael Jackson	
	📁 Morrissey	
	📂 мрз	
	🥟 My Playlists	
	4 of 9 🔼	~

• Choose the quality setting, and set the destination for your ripped music.

• The "Get CD Information for the Internet" option will automatically search from the Internet for CDDB information (title, artist, album name, etc.) for the songs contained on your CD. If corresponding information is found, it will be embedded into your ripped music. To use this feature, make sure your system is connected to the Internet.



EC Declaration of Conformity

For the following equipment:

*Type of Product: USB 2.0 Digital TV Receiver (DVB-T)*Model Number: DTR-100D

* 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 <u>Allen Huang</u>

Position / Title : <u>Product Manager</u>

Taiwan

Place

<u>16th Apr., 2008</u> Date

Legal Signature

PLANET TECHNOLOGY CORPORATION