



DVB-T USB2.0 Receiver User's Manual

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

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Revision History

Revision	History	Date
V1.5	5 th Release	JUNE. 2008

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1. Introduction

This device, DVB-T Compliant (ETS 300 744), is a USB 2.0 interfaced Digital TV Receiver that offers a complete and cost effective solution for Digital TV broadcasting. The DVB-T Receiver uses advanced chipset solution that takes advantage of the USB-based system's high bandwidth and inherent multimedia capability to turn your PC/Notebook into a high definition TV entertainment center. With the DVB-T Receiver, you not only can watch free-to-air digital terrestrial TV on your PC/Notebook but also can record real time digital TV programs directly to your PC's/Notebook's hard disk in MPEG-2 format. You also can pause while watching TV program and continue from where you left with Time-Shifting function, and will never miss a scene again.

This product is made in ISO9001 approved factory and complies with CE approval.

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) / Windows XP (SP2/SP3) / Vista (32/64bit)
- Windows Media Player 9 or above

1.2 Features

- Compliant with DVB-T Standard (ETS 300 744)
- Compliant with USB Specification Rev2.0
- Supports MPEG-4/H.264 digital TV format
- 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
- 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, Spanish, Portuguese, Traditional Chinese and Simplified Chinese).
- Software upgradeable

1.3 Specification

- Standard : DVB-T (ETS 300 744)
- Interface : USB V.2.0
- Connectors :
 - 1 VHF/UHF connector (MCX type)
 - 1 USB Connector (B type)
- TV Tuner : 75 Ohm (UHF/VHF) TV Antenna
- Receiving Frequency: 174-870 MHz
- Bandwidth : 6, 7, 8 MHz
- Code Rate : 1/2, 2/3, 3/4, 4/5, 5/6 and 7/8
- Dimensions (app.) : 88mm (length) x 29.5mm (wide) x 15.80mm (height)
- Net Weight (app.) : 22.4g
- Operating Temperature : 0°C ~ 65°C
- Humidity : 5 % ~ 95 % (non-condensing)
- Storage Temperature : -20°C ~ 80°C
- Supported OS : Windows 2000 / XP / Vista
- Regulations : CE

1.4 Package Contents

- DVB-T USB Receiver
- Installation CD
- Remote Control
- DVB-T TV 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

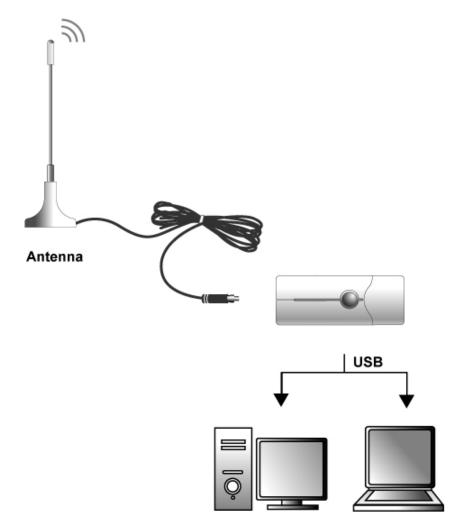
This chapter explains how to install DVB-T hardware with your PC or Notebook. Please follow the procedures as described below

2.1 Connecting USB Port

Connect USB connector of the DVB-T Receiver to the USB port of your computer or notebook.

2.2 Connecting Terrestrial Antenna

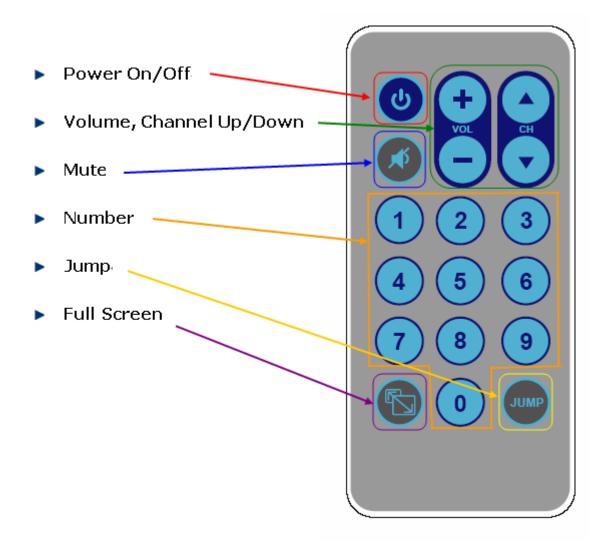
Connect supplied DVB-T antenna to the VHF/UHF port on the backside of the DVB-T Receiver.



Note:

- (1) If you install the DVB-T Receiver 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 DVB-T Receiver's operation).
- (2) Be sure to connect the antenna to the DVB-T Receiver and adjust it to a better reception angle and location every time you play with the Receiver.

2.3 Remote Controller

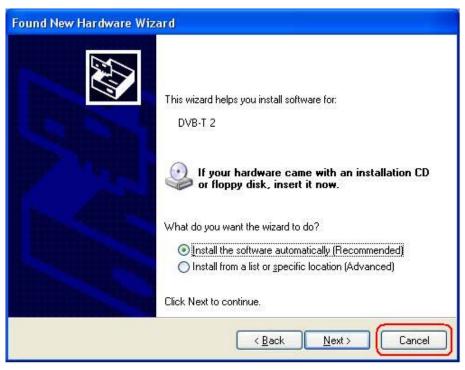


(Figure 1: The Remote Control Function)

3. Software Device Driver & Application Utility Installation

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

 After installing the DVB-T Receiver 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.



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



Install Driver: Click Install Driver to start device driver installation process. ArcSoft TotalMedia: Click this option to install ArcSoft TotalMedia software. Microsoft DirectX9: Click this option to install DirectX 9 utility. Windows Media Player 9: Click this option to install Media Player 9 software. User's Manual: Click this option to read user's manual and specification Acrobat® Reader: Click this option to install Acrobat Reader

Attention: 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 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>3.2 Install Windows Driver</u> for device driver installation.

Step 1: Click "Microsoft DirectX9" to start installing DirectX9.

Install Driver ArcSoft TotalMedia Microsoft DirectX9 Windows Media Player 9 User's Manual Acrobat® Reader Exit



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

Installing Microsoft(R) DirectX(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 continu 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 I gon't accept the agreement	
	K <u>B</u> ack <u>N</u> ext > Cancel	

Step 3: 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 follo	owing actions.		×.
Installing Components			
Searching for updated DirectX Runtime necessary. This may take a few minutes	Components and u	updating as	
Extracting files			
dxnetsrv.inf			
	< <u>B</u> ack	<u>N</u> ext>	Cancel

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 3.2 "Install Windows Driver" for device driver installation.

Installing Microsoft(R) Dire	ectX(R)
	Installation Complete
	The components installed are now ready for use.
	KBack Finish Cancel

11

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 DTV 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**")

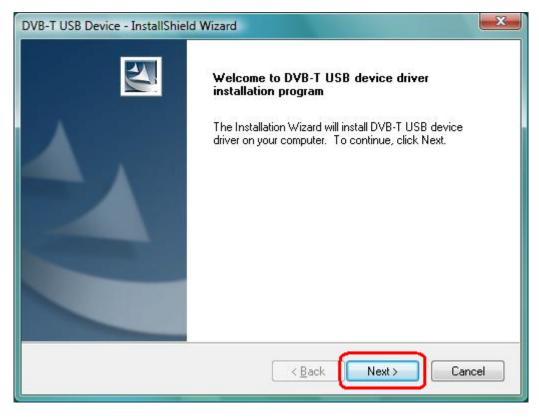
3.2 Install Windows Driver (Windows 2000, XP and Vista)

<u>Attention:</u> Your Operating System **MUST** has DirectX9 or higher version before you install the driver. If your system is not installed yet, please refer to "**3.1 Install DirectX9**" and begin the installation.

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 "Next" to continue.

DVB-T USB Device - 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 Cancel to the wizard.	exit
InstallShield <u>Sack Install</u> Cance	3

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

DVB-T USB Device - InstallShield Wizard	×
Setup Status	NEA.
DVB-T USB Device is configuring your new software installation.	
InstallShield	Cancel

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.

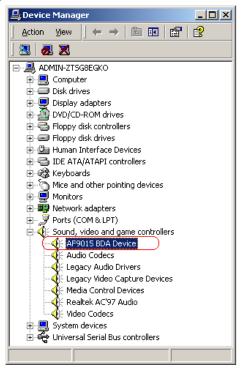
DVB-T USB Device - InstallShield Wizard		
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed DVB-T USB Device. Before you use the device , It is recommend that restarting the computer for device complete the setting. Yes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.	
< <u>B</u> ack Finish Cancel		

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

[For Windows 2000]

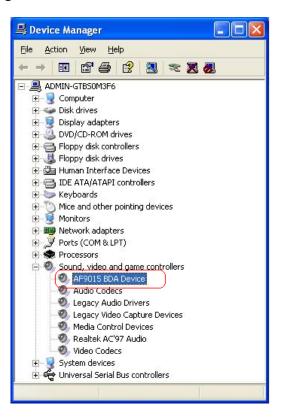
Click Start \rightarrow Settings \rightarrow Control Panel \rightarrow System \rightarrow "Hardware" tab \rightarrow choose

"Device Manager"



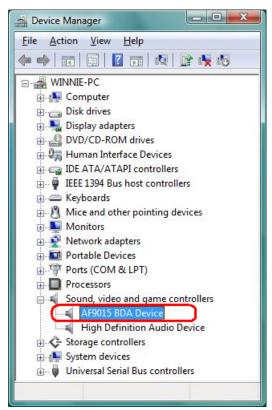
[For Windows XP]

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



[For Windows Vista]

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



3.3 Install Windows Media Player 9

Before installing ArcSoft TotalMedia 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>3.4 Install ArcSoft TotalMedia software</u>** for ArcSoft TotalMedia software installation.

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

Install Driver ArcSoft TotalMedia Microsoft DirectX9 Windows Media Player 9 User's Manual Acrobat® Reader Exit



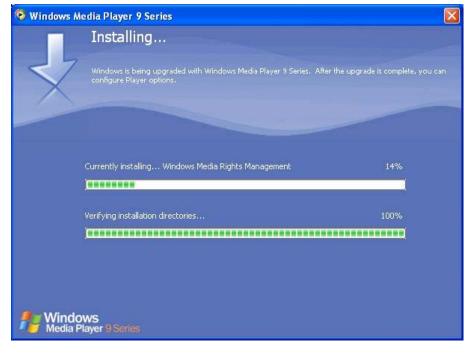
Step 2: Select the language version which you want to install and click "OK" to continue.



📀 Windows Media	Player 9 Series	X
Ты	hank you for choosing Windows Media Player 9 Ser is software is licensed under the following agreement. Click I Accept to accept the terms of the agreer d continue with installation. If you do not want to install this software, click I Decline.	
Printable Version	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 furcosoft 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	*
Windows Media Player	r 9 Series	

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

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



Step 5: Click "Next" to continue.

📀 Windows Me	edia Player 9 Series 🛛 🔀
Ø	Welcome to Windows Media Player 9 Series
	Thank you for installing the all-in-one media player with smart jukebox technology that makes finding, organizing, and recording your digital media content easier than ever. During setup, Windows Media Player 9 Series will be set as the default player for playing your digital media content, including music, videos, CDs, and DVDs. This setup process will allow you to customize these defaults and other installation options.
Nedia P	WS series series

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

😒 Windows	Media Player 9 Series 🛛 👔 👔
0	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.
Y	Privacy Options Privacy Statement
	Enhanced Playback Experience
More info about the options	ormation Retrieve media information for CDs and DVDs from the Internet ese 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
	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
	IOWS Player 9 Series

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

	stomize the Installation Optio	ns
Confi	gure your desktop and Windows Media Player 9 Series def	ault settings,
\checkmark	File Types	More Options
	Series will be the default player for the file types that administrator or a member of the Administrators group	
Description:	Windows Media Audio file (wma)	<u>^</u>
Includes files with wma and .wax	Windows Media Video file (wmv)	
extensions.	Windows Media file (asf)	
	DVD 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) 	
	AIFF audio nie (airr)	

3.4 Install ArcSoft TotalMedia Software

<u>Attention:</u> To execute TotalMedia application, your system must has Media Player 9.0 or higher version. If your system doesn't have Media Player 9.0 or higher version, please refer to "<u>3.3 Install Windows Media Player 9</u>" section and install Media Player 9 to your computer.

Step 1: Run the Installation CD and click "**ArcSoft TotalMedia**" for ArcSoft TotalMedia software installation.

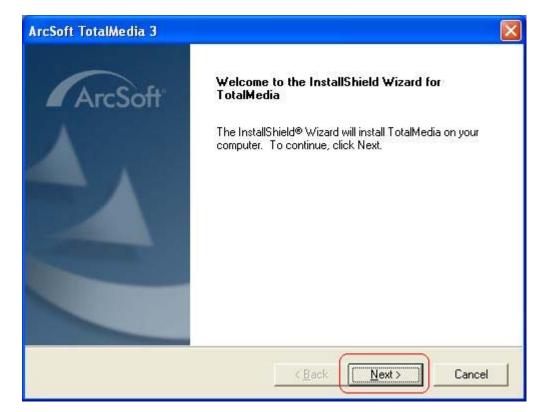




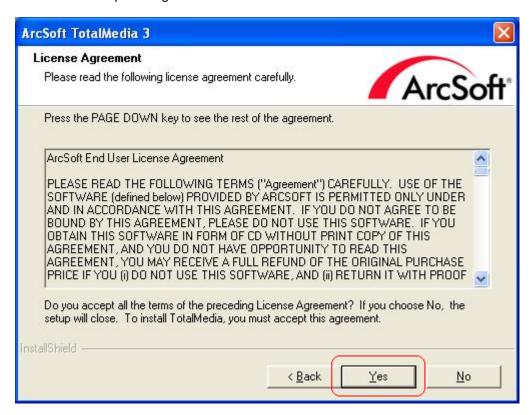
Step 2: Select the languages for this installation from the choices below, and then click "OK" to next step.

Choose S	ietup Language 🛛 🔀
2	Select the language for this installation from the choices below.
	English OK Cancel

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



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



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

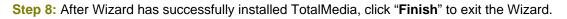
oose Destination Location Select folder where Setup will install files.	ArcSo
Setup will install TotalMedia in the following folder.	
To install to this folder, click Next. To install to a diffe	erent folder, click Browse and select
Destination Folder	
Destination Folder C:\Program Files\ArcSoft\TotalMedia 3	Browse
	B <u>r</u> owse

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

ArcSoft TotalMedia 3	
Select Program Folder Please select a program folder.	ArcSoft
Setup will add program icons to the Program Folder name, or select one from the existing folders list. Cli <u>Program Folders:</u> <u>ArcSoft TotalMedia 3</u> Existing Folders: <u>Accessories</u> Administrative Tools Games Intel Application Accelerator Realtek Sound Manager Startup	
InstallShield	< <u>B</u> ack Next > Cancel

Step 7: Please wait for while for setup procedure.

rcSoft TotalMedia 3	
Setup Status	ArcSoft
TotalMedia Setup is performing the requested operations.	
Installing: TotalMedia 3	
100%	
tallShield	Cancel





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



4. Launching ArcSoft TotalMedia Application

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.

This TotalMedia is divided into the main sections as <u>TV</u>, <u>Photo</u>, <u>Music</u>, <u>Video</u>, and <u>Setup</u>. 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.

4.1 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 Start → All Program → ArcSoft TotalMedia 3 → TotalMedia 3



4.2 Enable TotalMedia Monitor icon on the Tray bar

(1) Go to Start → All Program → Startup → TMMonitor



(2) The TotalMedia Monitor icon will be shown on **Tray bar**, and then you can double-click to use it.



4.3 Main Monitor

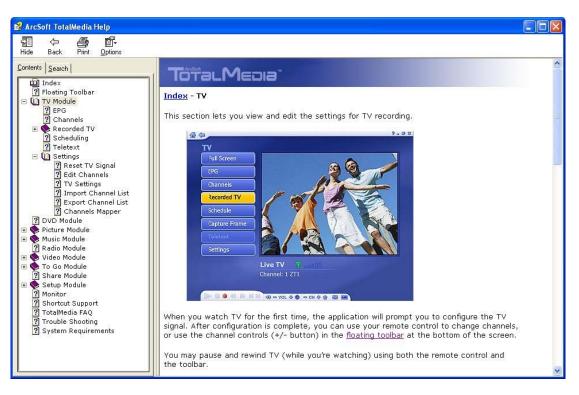
After launch your TotalMedia Monitor, You will see the Startup screen as below:



TV – This section allows you view and edit the settings for TV Recording.
Picture – This area allows you view photos stored within any folder on your computer.
Music – This area enables you to listen to, record, and transfer music files.
Video – This area enables you to play video files stored on your computer.
Setup – This area lets you configure the basic settings for each module of the program.

You can simply go to each section and start your TotalMedia. If you have any question about your TotalMedia's functions or settings, you can click "?" (Help) icon on the top-right corner of TotalMedia screen. Then, you will search any question from this Help file.





(Figure 3: TotalMedia Help file)

4.4 Floating Toolbar

This floating toolbar appears for a few seconds whenever you move the mouse: (1) Home button: The "Home button" (It looks like a house) 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 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.



4.5 TV

This section lets you view and edit the settings for TV recording.



When you watch TV for the first time, the application will prompt you to configure the TV channels. After configuration is complete, you can use your remote control 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 control and the toolbar.

4.5.1 Search TV channels

Step1: 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.

	Welcome to Set Up Your TV Signal wizard
Next	Select "Next" to begin configuring your TV signal.
Cancel	

Step2: 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

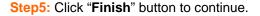
Step3: Click "Start" button to scan the available TV channels.

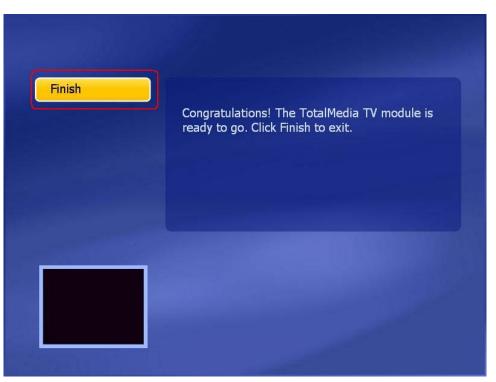
TV Signal	Scan Channels
Previous	Scan for available channels. This process may take several minutes.
Next	Use LCN(Local Channel Number)
Cancel	Start
	Ch. Name
Y til	

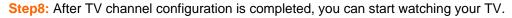
TV Signal	Scan Channels
Previous	Scan for available channels. This process may take several minutes.
Next	Use LCN(Local Channel Number)
Cancel	Stop
Y ti	Ch. LCN Name

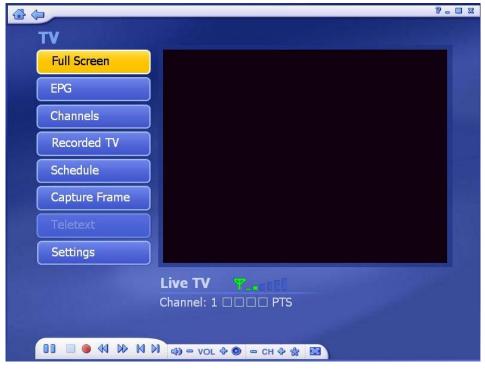
Step5: After scanning is completed, the message will show the number of available channels was found. Click "**OK**" to exit this screen.











4.5.2 Channel Preview

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

Step 1: Select "TV" in the Startup Screen.



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



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.



4.5.3 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.

4.5.4 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.

4.5.5 EPG

This section lets you view the channel program lists.

		9 - 🗆 X
TV		
Full Screen		1
EPG		
Channels		
Recorded TV		
Schedule		
Capture Frame		
Teletext		
Settings		
	Channel: 1	
	M () = VOL () () = CH () () ()	

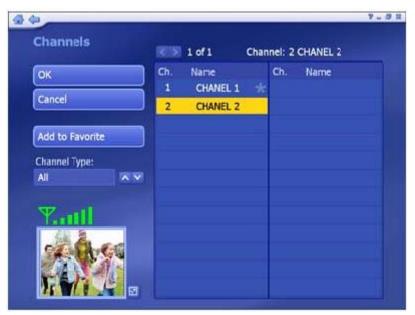
If you are using a digital device, please select to access EPG or network to view the program lists. While using analog device, the program will take you to the network EPG directly.

	? 🗆 S
EPG	
9/25/2006 4:20 PM	1 000 PTS
1 0000 PTS << 00000	▶ 4:00 PM □□□□
2 000 D «000000	4:30 PM
3 000 H «000000	4:35 PM
4 0000	4:40 PM
5 0000	4:45 PM
6 0000	4:55 PM
7 🗆 CTS	5:00 PM
1 of 10 🔷 🗸	1 of 19 🛆 💙
30mms	

Note: 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.

4.5.6 Channels

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.

4.5.7 Recorded TV

This section displays your recorded TV shows.

		? - I X
Recorded TV	My Videos	9/25/2006
Cancel	Title 09_25_2006_16_43_07.mpg CTS_09_25_2006_16_45_13.mpg	□ ≫ ▲
View: Detail		
	09_25_2006_16_43_07.mpg 9/25/2006 24.78 MB 00:01:11	1/2 ^ 💙
	2 4) = VOL 수 () = CH 수 ☆ (2)	

When you playback recorded TV, you can fast forward or reverse using either the controls on your remote control, 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.



(Rename a video file name)

(Trim a Video)

4.5.8 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.

				2 - 🗆 १
Schedule				
Add	Title	Ch.	Date	
Modify	СТЅ	7	9/25/2006	
History				
Cancel				
All				
			1 of 1	~ ~
	CTS Program Length: 6 Will be recorded at		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)

Add	Program Name
Save	ΗΤΥ
Cancel	Channel 3
	Frequency Once
	Start Recording
	Date 9/25/2006
	Start Time 4 56 PM
	Stop Time 5 56 PM V
	Required Disk Space: 2.78GB Available Disk Space: 1.91GB

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

		9 - 🗆 X
Modify		
	Program Name	
Save	Program 1	
Cancel	Channel 4	
	Frequency Once	
	Start Recording	
	Date 9/25/2006	
Constant Color	Start Time 4 59 PM ^	
	Stop Time 5 59 PM ~ V	
	Required Disk Space:2.78GB Available Disk Space:1.90GB	

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

				9-	X
History					
	Title	Ch.	Date	Status	1
Clear All	CTS	7	9/25/2006	Manual 🏛	
Cancel	HTV	3	9/25/2006	Manual 💼	
Frequency All			2	of 2	
	HTV Program Leng Recorded at 9	1th: 60 Minu 1/25/2006 4	ites :56:00 PM		

- (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.

4.5.9 TV Settings

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

日 TV Settings		? - 🗆 🛛
	Reset TV Signal	
	Edit Channels	
	TV Settings	
	Import Channel List	
	Export Channel List	
	and the second	

(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

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

🔂 🗇 TV Signal		2 8
Previous Next	Select Your Reg Current region:	jion United States
Cancel	Change your regi	on:
	Afghanistan	
	Albania	
	Algeria	
	American Samo	a
	Andorra	156
	Angola	
1000	Antarctica	
		1 of 221 🛛 🔽

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

rV Signal	Scan Cha	annels	
Previous		Scan for available channels. This process may take several minutes.	
Next	several m	inutes.	
Cancel			
	Start		
	Ch.	Name	
	1	PTS	
	2	D DiMo	
Y.	3		
	4		
	5		
	6		

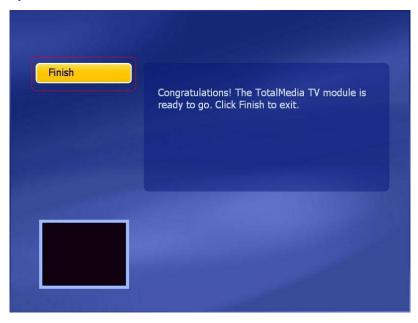
Step4: After TV Channel rescanning is completed, the message will show the number of channels are found. Click "**OK**" to continue.

ArcSoft TotalMedia	
14 channel(s) were found.	
ОК	

Step5: Click "**Next**" to continue.

	Scan Cha	Scan Channels	
Previous		Scan for available channels. This process may take several minutes.	
Next	several m		
Cancel	Start		
	Ch.	Name	
	1		
	2	D DiMo	
P. anti	3		
	4		
	5		
	6		

Step 6: 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.

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

🔂 🗇			9 - 🗆 X
Edit Channels	Scan Cha	nnels	
Save	Scan for a	vailable channels. This	process may take
Cancel	several m	inutes.	
	Start		
Select All	Ch.	Name	
Clear All	✓ 1		A. 📅 💲
	2	DiMo	
Partil	V 3		
	4		
10-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	V 5		
1.57	6		
			1 of 10 🛛 📉

- 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	
- APPAY	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	Title
	🥟 ArcSoft ToGo
	📂 My Albums
	📁 My eBooks
	🥟 My Music
	🥟 My Videos
	Recorded 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"

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

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

- 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"

4.6 Picture

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



-- 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.

4.6.1 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.



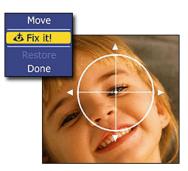
(3) Auto Enhance: Selecting this option presents you with three automatically enhanced versions of your photo (plus your original one). Simply choose the one you like best.



(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.



4.6.2 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".

4.6.3 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	N Y	
		Loop Slide	Show	
Music Soundtrack	🔘 On	© Off		Add
				- NUU

-- 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 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.

4.7 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.



4.7.1 My Playlists

Here you can play, organize, and create new audio playlists. Playlists are compatible with Windows Media Player 9 and stored in the "**My Documents\My Music\ My Playlists**" 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).

Mu Disulista		
My Playlists	My Playlists:	
Create Playlist	💋 Moz	1:02:12 📅
	🍠 Smiths	41:08
Refresh		
Cancel		
	,	
1 Contraction		
and the		1 of 2 📉 🗸
	2	1 of 2

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

Create P	Invitet	Select tracks to add to your playlist	
cicate P	aynse	My Documents	
Next		📁 My Playlists	
Cancel		📂 Susan Tedeschi	
Music Genre:		📂 Swing	
All		📁 Taj Mahal	
Sort:	-	📁 Unknown Artist	
Name		📂 Various Artists	
		🗾 🍠 Bobby Darin - Splish Splash	2:13
			7 of 7 ^ Y
		Bobby Darin - You've Got Personality	2:29
Total Size: 5 Items: 1 Total Time: 3		Bobby Darin - Splish Splash	2:13
			1 of
	N 10 14		10

- -- 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
	Boz Scaggs - Look What You've Don	5:19
Save		
Cancel	1	
Total Size: 5.07 MB Items: 1 Total Time: 3:41		
		1 of 1 🔨
Charles at 15 M		

-- 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:

🚭 🦛		9.02
Playlist	🦉 Playlist:Moz	
Edit Playlist	J 01-Sunny	2:43
Cancel	J 02-At Amber	2:46
	🎵 03-Cosmic Dancer (Live)	3:57
	🎵 03-I Can Have Both	4:06
	04-Nobody Loves Us	4:52
	J7 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
		5 of 17 🔼 💙
	Artist: Morrissey Album: Title: Nobody Loves Us Genre: Alternative	
00 🖬 🛛 🕸 🕪 KI 🕨	4) = VOL 4 - CH 4	

-- 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.

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

		Ÿ -
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
	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
Total Size: 75.5 MB	11-Pashemate Love	2:24
Items: 17 Total Time: 1:02:12	12-Girl Least Likely To	4:52
		1 of 17 🔨 🗸

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".

(a)		9
Edit Playlist	Select tracks to add to your playlist	
Eult Playlist	6ona 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 1	0 ^ 🗸
~ ~	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
N 44 IP 0	Ø = VOL ♦ = CH ♦	

4.7.2 Ripping Music CDs

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



Step 1: 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:

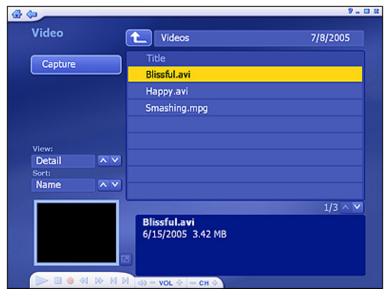
	1
Rip CD Settings	Format: WMA
Save	Quality: Uses approx 115 MB/CD
Cancel	Smallest Size
	Get CD information from the Internet
	Privacy Policy
	Rip to:
	My Music
	📁 Michael Jackson
	📁 Morrissey
	🗁 мрз
	📂 My Playlists
	4 of 9 📉

-- 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.

4.8 Video

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



4.8.1 Playing Movies – Previewing, Renaming, and Deleting

		2 - 3
Video	My Videos	1/25/2006
Capture	Title ✓ File - 1.mpg	□ ≫ <mark>へ</mark> mੈ
View: Detail Sort:		
Name		
	N = 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.

4.8.2 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.

ArcSoft TotalMedia
The device cannot be detected or is not supported.
ОК

4.9 Setup

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

4 (m)			9 - Ø I
Settings			
	Ø	General	
		τv	
	6	Video	
	50 (Pictures	
	.	Music	

4.9.1 General

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

		9 - 🗆 X
General		
	Printer	
	Frame Storage	
	Video Recording Storage	
	Display Settings	
	About TotalMedia	
L'A destad		

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

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	<u>∧ </u> ¥

(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; $SP \rightarrow$ Standard Play; $LP \rightarrow$ Long Play; $EP \rightarrow$ Extended Play).

Save	My Videos	
Cancel		
	_	XV
	Quality	~~

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

	Hardware Acceleration	
Save	Off	
	Aspect Ratio	
Cancel	16:9	
	Deinterlace	
	On	
	Select Display Effect	
	3D	
	Display effect is the transi you switch between user i	

- 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 a computer 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 ArcSoft TotalMedia and access tools for registering your product and searching for program updates and patches.

Done	ΤόταιΜεσια
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.

4.9.2 TV

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

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

-- 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.

4.9.3 Video

Modify settings for capturing video:

		? - 🗆 🛙
Settings		
	General General	
	Τ	
	Video	
	Pictures	
	Music	

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:

ArcSoft TotalMedia
The device cannot be detected or is not supported.
ОК

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 the window.

Save	Video Device	
Cancel	Video Input Source	
	Video Standard	
	Closed Caption	
	Audio Device	
100 C	Audio Input Source	

4.9.4 Pictures

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

Flide Chau Cath	1000			۶.
Slide Show Sett				
Save	Interval	8 Seconds		
Cancel		Fit Show to	Soundtrack	
	Transitions	Pan & Zoom		
		Loop Slide	Show	
Music Soundtrack	🔘 On	© Off		-
			l	Add
Total Time: 0:00			0 of 0 🔨 💙	
		-		

- -- From the "Interval" section, set the display time for the slides.
- -- Click the "Fit to Soundtrack" 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 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.

4.9.5 Music

Here you can view and modify your music settings:

Music Settin	gs Play Settings	
Save Cancel	Shuffle	
Center	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).

Rip CD Settings	Format: WMA.
Save	Quality: Uses a pprox 115 MB/CD
Cancel	Smallest Size
	Get CD information from the Internet
	Privacy Policy
	Rip to:
	1 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 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.



Distributor: Infopatika Ltd. Angol str. 38. H-1149 Budapest, Hungary www.infopatika.hu Made in China WWW.alcordigital.com