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# ATI-TV™ Wonder VE

## Getting Started and User's Guide



The PCI-based  
TV Tuner and  
Video Capture Card

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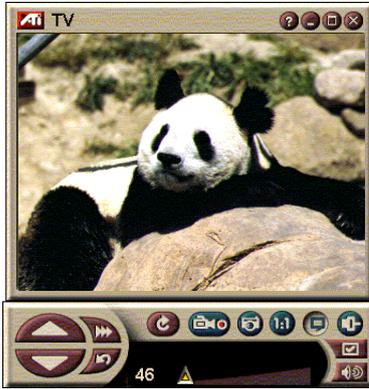
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## CHAPTER 1

## Getting Started



*Get real-time information when you want it. Move the TV window, zoom it to full-screen, and capture video images.*

ATI-TV Wonder VE lets you watch up to 125 cable television channels and 70 antenna channels in smooth, full-motion video on the whole screen or in a window.

You can capture still frames and movie clips, channel surf, create your own TV transcripts, and turn your PC into a digital VCR.

**Note:** Not all channel options are available in all countries. The actual number of stations received will vary depending on the services provided in your area.

## What You'll Need

- **Computer System** — Pentium<sup>®</sup>, Pentium<sup>®</sup> II/III, Celeron<sup>™</sup>, AMD<sup>®</sup> K7 or AMD<sup>®</sup> K6 processor-based or compatible system, with at least 8MB of system memory.
- **Monitor** — VGA, minimum 640x480 resolution.
- **Operating System** — Windows<sup>®</sup> 95 OSR2, or Windows<sup>®</sup> 98.
- **Sound card and speakers** certified for Windows<sup>®</sup> 95 and Windows<sup>®</sup> 98 use.
- **Expansion Slot** — PCI.
- **Graphics Accelerator** with overlay support. Visit the ATI Web site [www.ati.com](http://www.ati.com) for an up-to-date list of supported graphic cards.

## Features

- **Television-quality video** in a window or full screen.
- **Capture motion Video and Audio** with a simple mouse click.
- **Live Motion Video Desktop**, using your favorite TV show as wallpaper.
- **Zoom-In** to any part of the screen.
- **Closed Captioning** support including **Transcript Creation** and **Hot Words** that alert you when the ATI Multimedia Center software receives information you want to see. (NTSC North America only.)
- **Teletext** support (for Europe only).
- **Channel Preview** — Scan through available channels in seconds.
- **Scheduled Viewing** — play particular files and/or watch selected TV channels at times you specify.
- **Digital VCR** — Schedule and record TV shows to your hard drive.
- **Channel Lockout** and **Program Lockout** for parental control.

## Important Safety Instructions



- **Read Instructions** - All the safety and operating instructions should be read before the product is operated.
- **Retain Instructions** - The safety and operating instructions should be retained for future reference.
- **Heed Warnings** - All warnings on the product and the operating instructions should be adhered to.
- **Compatibility** - This option card is for use only with IBMAT or compatible UL Listed personal computers that have Installation Instructions detailing user installation of card cage accessories.
- **Grounding** - CAUTION: For Continued Protection Against Risk of Electric Shock and Fire, This Accessory Should Be Installed Only In Products Equipped With A Three-wire Grounding Plug, A Plug Having a third (Grounding) Pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace the obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
- All option card securement pins shall be completely tightened as to provide continuous bonding between the option card and the PC chassis.
- **Outdoor Antenna Grounding** - Since an outdoor antenna or cable system is connected to the product, be sure that the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to the antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection of grounding electrodes, and requirements for the grounding electrode.
- **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet, and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
- **Power Lines** - An outside antenna system should not be located in the vicinity of overhead power lines or other light or power circuits, or where it can fall into such power lines or circuits.
- When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them may be fatal.
- **Note to CATV System Installer** - This reminder is provided to call the CATV systems installer's attention to Section 820-40 of the NEC, which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

# Installing the ATI-TV Wonder VE card

- 1 Power-off the computer, then disconnect the power cable.
- 2 Remove the computer cover. If necessary, consult your computer system manual for removal instructions.  
*Remember to discharge your body's static electricity by touching the metal area of the computer chassis.*
- 3 Select an empty PCI expansion slot for the ATI-TV Wonder VE card.
- 4 With the slot cover removed, grasp the card by the top edge and carefully seat it firmly into the slot.
- 5 Fasten the retaining bracket with a screw.
- 6 Re-install the computer cover.
- 7 Connect your TV cable or video input to the ATI-TV Wonder VE card.

*For more information about the connectors on the ATI-TV Wonder VE tuner card, refer to ATI-TV Wonder VE Connectors on page 7.*

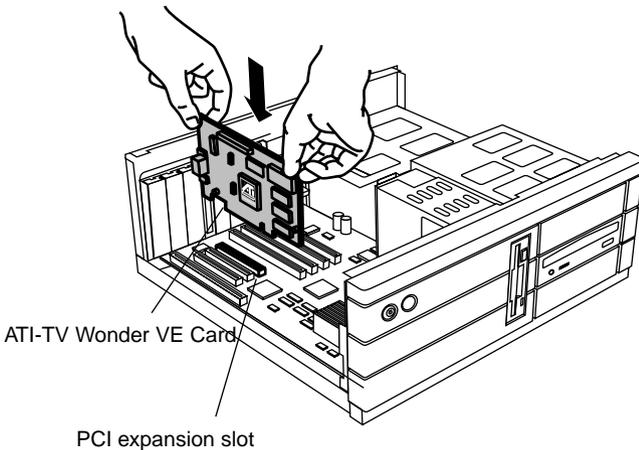


Figure 1. Installing the ATI-TV Wonder VE tuner card

# Audio Connection

- 1 Looking at the back of your ATI-TV Wonder VE card, you will see an Audio Out connector. Insert one end of the sound cable into the Audio Out connector.
- 2 Looking at the back of your sound card, you will find an Audio In source. Connect the other end of the sound cable to the Audio In source. If you have trouble locating the Audio In source on your sound card, refer to the documentation supplied with your sound card.

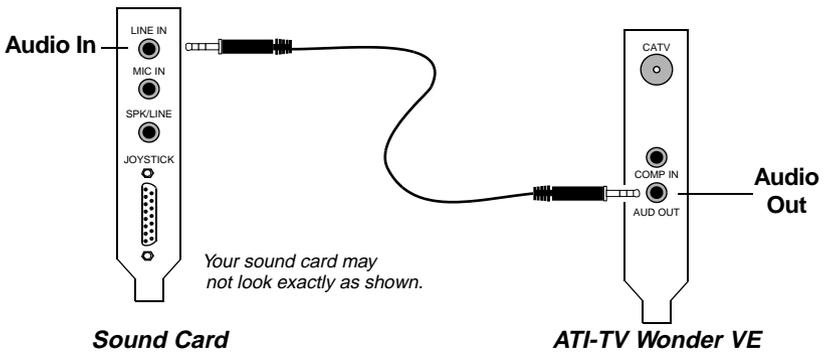


Figure 2. Connecting the audio externally

# Using Composite In

In order to capture streaming video and audio, you will need to use the Composite In connector on the back of your ATI-TV Wonder VE card.

- 1 Looking at the back of the ATI-TV Wonder VE card, connect one end of the composite cable to the *Composite In*.
- 2 Connect the other end of the composite cable to the *Composite Out* of your video device such as a camcorder or VCR.
- 3 Connect one end of the audio cable to the *Audio Out* on the back of your video device (camcorder or VCR).
- 4 Connect the other end of the audio cable to the *Audio In* on your sound card.

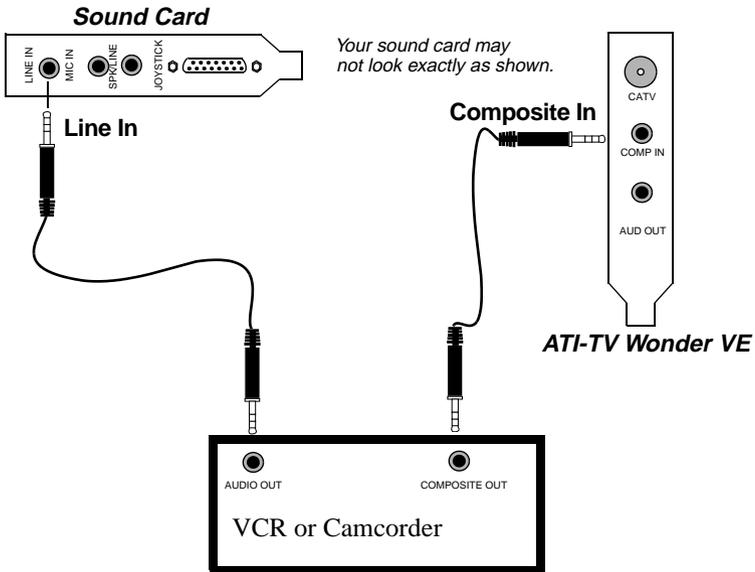


Figure 3. Using Composite In

# ATI-TV Wonder VE Connectors

The TV Tuner provides audio output, and composite input connectors:

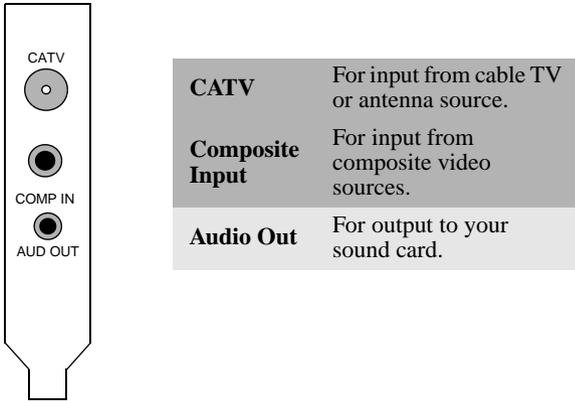


Figure 4. The ATI-TV Wonder VE connectors

## Windows<sup>®</sup> New Hardware Wizard

Now that all necessary connections are made, you are ready to power on your system. New hardware may be detected after you restart your computer. Follow the step-by-step instructions below to allow Windows<sup>®</sup> to correctly identify your new hardware.

### To identify new hardware in Windows<sup>®</sup> 95

- 1 Windows<sup>®</sup> 95 briefly displays the “New Hardware Found” dialog before launching the “Update Device Driver Wizard”.

*If the wizard does not appear, proceed directly to Installing ATI Multimedia Center on page 8.*

- 2 Click **Cancel**.

You are now ready to install the ATI Multimedia Center software. Follow the step-by-step instructions below to complete the installation.

**To identify new hardware in Windows® 98**

- 1 Windows® 98 briefly displays the “New Hardware Found” dialog before launching the “Add New Hardware Wizard”.
- 2 Click **Next**.
- 3 Click **Search for the best driver for your device**.
- 4 Click **Cancel**.

*The “Add New Hardware Wizard” will attempt to install drivers for a PCI Multimedia Device.*

- 5 Click **Cancel** once again.

You are now ready to install the ATI Multimedia Center software. Follow the step-by-step instructions below to complete the installation.

## Installing ATI Multimedia Center

With Windows® 95 or Windows® 98 running on your computer, you need to install the ATI Multimedia Center to take advantage of your ATI-TV Wonder VE card’s special features.

**To install ATI Multimedia Center for Windows® 95 or Windows® 98**

- 1 Insert the ATI INSTALLATION CD-ROM into your CD-ROM drive.

*If Windows® runs the CD-ROM automatically, proceed to step 6.*

- 2 Click **Start**.
- 3 Click **Run**.
- 4 Type the following:

**D:\ATISSETUP**

(If **D** is not your CD-ROM drive, substitute **D** with the correct drive letter.)

- 5 Click **OK**.  
*The Welcome screen appears.*
- 6 Click **ATI Easy Install** to install the ATI Multimedia Center software.
- 7 Follow the on-screen instructions to complete the installation.

## ATI Multimedia Center

The ATI Multimedia Center is designed to launch automatically each time you start Windows®. The ATI Multimedia LaunchPad provides quick access to all features of the ATI Multimedia Center.

The first time the ATI Multimedia Center is launched, you will be guided through the TV Display Installation Wizard. The Installation Wizard will help you quickly configure your ATI Multimedia Center software. Refer to *Setting up the TV Player* on page 15 for more information.



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## CHAPTER 2

# Using the ATI Multimedia Center

This chapter explains how to use the special features that your ATI Multimedia Center has to offer.

The Multimedia Center provides TV, Video Editing, Audio CD, and Video CD in one package.



### IN THIS CHAPTER...

- **Starting ATI Multimedia Center** on page 12
- **TV Player** on page 14
- **Capturing Video and still images** on page 22
- **Digital VCR** on page 24
- **Stills Gallery** on page 26
- **Video Editor** on page 28
- **CD Audio Player** on page 29
- **Video-CD Player** on page 32
- **Schedule** on page 39

## Starting ATI Multimedia Center

### Starting from LaunchPad



The LaunchPad provides a convenient way to start all your Multimedia Center features — just click the feature you want. LaunchPad is designed to load automatically when you start your computer. If you prefer, you can right-click anywhere on the LaunchPad, and uncheck **Load on Startup** in the drop-down menu. ►

The buttons in the upper right of LaunchPad let you access your desktop settings, get Help, and close LaunchPad.

### ATI Multimedia LaunchPad Options

To display the ATI Multimedia LaunchPad options, drag your mouse over the ATI Multimedia LaunchPad and right click. A drop down menu will appear.

OPTION	DESCRIPTION
Size	Large, Small Row, Small Column
Dock	Displays the ATI LaunchPad as a Tool Bar
Always on top	Allows the ATI LaunchPad to remain on top of all open applications
Load on Startup	Automatically starts the ATI LaunchPad on each start up of the system
About	Displays the ATI Multimedia Center LaunchPad version
Close	Shuts down the ATI Multimedia Center LaunchPad

## Starting from the Windows® Taskbar

- 1 Click **Start**.
- 2 Select **Programs**.
- 3 Select **ATI Multimedia** from the list of installed applications.
- 4 Select **LaunchPad**.

## Attaching and Detaching Panels

You can detach the TV, Video Editor, and Video-CD Player control panels from their display panels, move them to any location on your screen, and re-attach them.

### To detach a panel

Move the cursor to the border of the panel you want to detach. As the cursor reaches the border, it changes to the detach symbol. Click the panel, and drag it away.

### To attach a panel

Drag a panel to the panel you want to attach until its outline changes, then release the mouse button. The panels will snap back together.

## Online Help



**Feature Help.** Click the Help button in any control panel to open the online help.



**Context-Sensitive Help.** Context-sensitive help is always available for each feature; just press the F1 key.

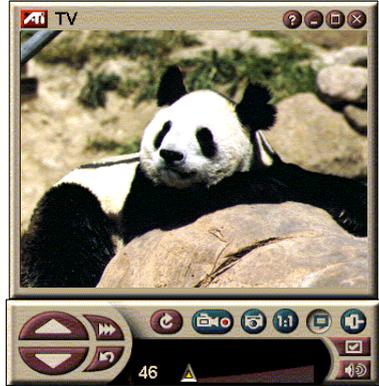


**Bubble Help.** Simply move the mouse cursor over a control to see a description of its purpose. To turn off help, click the **Show Tool Tip** checkbox in the **Display** tab.

# TV Player

**NOTE**  
All channels may not be available in all countries.

Watch TV on your computer! You can receive up to 125 cable television channels and 70 antenna channels in smooth, full-motion video on the whole screen or in a window. The TV Player delivers advanced television features: Teletext, Video/Still Capture, Channel Surfing, Scheduled Events, Program Lockout, and more.



When you click the logo in the upper left corner of the display panel, the "About..." notice appears. If you have more than one feature installed, a Task menu displays available and active features. The Schedule feature lets you record TV programs on dates and times you specify (see *Schedule* on page 39.)

## To start the TV Player

### from LaunchPad



Click **Television** in the LaunchPad. For information on *ATI Multimedia LaunchPad Options*, see page 12

### from Windows® 95 / Windows® 98 taskbar

- 1 In the Windows taskbar, click **Start**, then point at **Programs** ►.
- 2 Point at **ATI Multimedia** ►, then click **TV**.

## Setting up the TV Player

The TV Player Wizard will launch automatically the first time you select the TV tuner option. The TV Display Wizard guides you quickly and easily through the set up your TV Player.

- 1 The TV Display wizard lets you control how video is displayed in the TV Player. Place a check mark beside the option you would like.

OPTION	DESCRIPTION
Video Desktop	When selected, this option will turn the desktop into a TV Screen. You will need to minimize the player to activate this feature.
Fixed Aspect Ratio	When selected, will keep the TV screen size at a constant ratio.
Always on Top	Allows you to place the player on top of other windows
Show Tool Tips	When selected, a pop-up help box will be displayed when placing the cursor overtop of a control
Show Shortcut	Allows you to see shortcut key combinations in Tool Tips string.
Hide Player Hotkey	Allows you to completely hide the TV with a special key combination.

- 2 Select **Next** to continue.
- 3 Once you have configured your TV display settings, you will need to make the appropriate Audio Input selection. Select the Audio Input that matches the connection between the TV Wonder and your sound card.
- 4 Select **Next** to continue.
- 5 The TV Video Capture Installation Wizard allows you to specify the capture format and specify the drive to store the capture.
- 6 Select **Next** to finish setting up the TV Tuner.

## Setup using the Initialization Wizard

The Initialization Wizard allows you to change previous settings at any time.



Click the Setup button, then click the **Display** tab.

Click the **Initialization** button to open the Wizard. Check the features you want (point your mouse at the checkboxes to see what each one does). The Wizard will help you set up your TV display, audio, and video capture options.

- *Setting up the TV Player* on page 15
- *TV Player Tuner settings* on page 18
- *Capturing Video and still images* on page 22

## Setup without the Initialization Wizard

### Choose antenna or cable



Click the Setup button, in the TV Player control panel, then click the **TV Tuner** tab.

In the **Cable Standard box**, click the TV broadcast format.

### Set up the audio

*Select the sound card connector used for TV audio input:*



Click the Setup button in the TV Player control panel, then click the **Display** tab.

Click the **Initialization** button, then click the **Next** button three times to open the TV Sound Initialization Wizard.

Click the audio input that matches the connection between your ATI card and your sound card. When the correct setting is selected, you will hear audio from your speakers.

### Scan for available channels



Click the Setup button, then click the **TV Tuner** tab.

Click the **AutoScan** button.

The TV Player scans for all available channels and stores them when you click the **OK** button. When scanning is complete, you can type a name for each channel in the **Channel Name** box.

## Sizing the TV Player display



You can resize the TV Player display using the mouse, the Maximize button, or CTRL key combination:

Increase size of display panel	CTRL + Up Arrow
Decrease size of display panel	CTRL + Down Arrow
Play full-screen	CTRL + F

The F2 key hides/shows the control panel, to save desktop space.

You can also use the CTRL key to display these preset sizes:

160 x120 pixels	CTRL+1
240 x180 pixels	CTRL+2
320 x240 pixels	CTRL+3
640 x480 pixels	CTRL+4
Toggle between full screen and current size	CTRL+F ALT+F

## TV Player video settings

The video settings page lets you choose a video connector, fine-tune video characteristics, and set up for captured video (see *Capturing Video and still images on page 22*).

### To open the Video settings page



Click the Setup button in the TV Player control panel, then click the **Video** tab.

<b>Connector</b>	Choose cable, composite input.
<b>Standard</b>	Choose the broadcast standard for your area.
<b>Color</b>	Adjusts the amount of color in the display.
<b>Brightness</b>	Adjusts the amount of white in the display.
<b>Contrast</b>	Adjusts the gradation of tone between highlights, midtones, and shadows.
<b>Tint</b>	Adjusts the balance of red to blue.

### TV PlayerTuner settings

The tuner settings page lets you autoscan for active TV channels, choose cable or antenna input, name channels, and set channel-specific options.

### To open theTuner settings page



Click the Setup button in the TV Player control panel, then click the **Tuner** tab.

<b>Autoscan</b>	Click to scan for all available channels and store them when you click the OK button. When scanning is complete, you can type a name for each channel in the Channel Name box.
<b>Global Standard</b>	Select the country and cable/antenna input.
<b>Channel Name</b>	Type the channel name; the name will appear in the TV Player control panel when that channel is active. (You can also type the name directly into the control panel; press Enter to confirm).
<b>Details...</b>	Select a channel, then click the Details... button to open the <b>Channel Property Details</b> page (see <i>Channel Property Details</i> on page 19).

## Channel Property Details

When you select a channel and then click the **Details...** button in the TV Player Tuner settings page, the Channel Property Details page opens to let you set properties for particular channels—favorites list, channel assignment, and properties for audio, video, program lockout, and closed captioning.

<b>Channel Name</b>	Type a name for the channel.
<b>Channel Tunes to Station</b>	Specify the TV station that is received when you tune to a particular channel. For example, you could assign the actual channel 5 to the TV Player's channel 2. Autoscanning returns all channel assignments to normal (see <i>Scan for available channels</i> on page 16).
<b>Channel in Favorite List</b>	Check to add the channel to the channels that the TV Player receives when you click the channel up/down buttons.
<b>Video</b>	Click <b>Video</b> , then click <b>Details...</b> to open the Channel Based Video Settings page. <b>Color Setting</b> Click <b>Warm</b> or <b>Cool</b> <b>Video Capture</b> Click <b>Interlaced</b> , <b>Both Fields</b> , or <b>One Field</b> .
<b>Channel Specific Settings</b>	<b>Broadcast Standard</b> Choose the broadcast standard for this channel. <b>Video Properties</b> Adjust the color, brightness, contrast, and tint for this channel. <b>Program Lockout</b> Click <b>Program Lockout</b> , then click <b>Details...</b> to open the Program Lockout page. Set program lockout for this channel (see <i>Program Lockout</i> on page 21 for details).

## TV Player Schedule settings

You can schedule the TV Player to play on the dates and times you specify. You can also schedule events for the Audio CD Player, Video-CD Player, and Video Capture.

### To open the TV Player Schedule settings page

- Click the Setup button in the TV Player control panel, then click the **Schedule** tab. See *Schedule* on page 39 for details.

## Zooming and unzooming

### To select and enlarge a portion of the display

- 1 Click within the display panel.
- 2 Hold down the mouse button and draw a rectangle around the area you want to zoom.  
 To return your display to normal, click the **Unzoom** button in the control panel.



## Video Desktop

### To replace your desktop pattern with live TV display when you minimize the TV Player

- Click the Setup button in the TV Player control panel, click the **Display** tab, then check **Video Desktop**.

-  When you minimize the TV Player, live TV display replaces your desktop.

-  A TV icon appears in the "tray" on the right side of the



Windows<sup>®</sup> taskbar. Click the icon to display a small control panel that you can use to change channels and control the volume. Closed-captioned information is not displayed.

If you do not have a TV tuner, this control panel containing volume and mute controls is available.



### To restore your desktop pattern and the TV Player

Click the TV button in the Windows® taskbar.

## Program Lockout

### NOTE

If you forget your password, you must uninstall and reinstall your TV Player software to view password-protected programs.

Program Lockout lets you block particular programs at specific times, and set a password to unlock them. Use the Program Lockout page to specify channel, time, and duration. Note that passwords are *case-sensitive*. For example, **PASSWORD**, **Password**, and **passWord** are **not** the same.

### To lock out a program

- 1  Click the Setup button in the TV Player control panel, then click the **Tuner** tab.
- 2 Click the channel you want, then click the **Details...** button.
- 3 Click **Program Lockout**, then click the **Details...** button.
- 4 Click **Create New**.
- 5 The Program Lockout Wizard guides you through the lockout procedure.



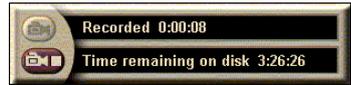
*In the channel list, locked-out channels have a padlock to the right of the channel name.*

**To remove program lock**

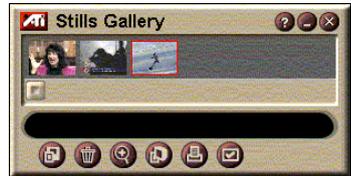
- 1  Click the Setup button in the TV Player control panel, then click the **Tuner** tab.
- 2 Click the channel you want to unlock, then click the **Details...** button.
- 3 Click **Program Lockout**, then click the **Details...** button.
- 4 Select the program you want to unlock.
- 5 Click the **Delete** button. To remove all program locks, click the **Delete All** button.
- 6 Click **OK**.

**Capturing Video and still images**

**Full-motion video.** Capture a stream of full-motion video plus audio from your video source and save it as an .AVI file on your computer's hard disk. You also have the option of capturing only audio. See *Digital VCR* on page 24 for details.



**Still images.** Capture full-color, 24-bit-per-pixel, still images from television, and MPEG clips (see *Video-CD Player* on page 32) save them, and print them. The images are placed in the Stills Gallery, which saves them as Windows-standard bitmaps (.bmp).



The Stills Gallery also supports most industry-standard graphics file formats, so you can insert the images into reports, presentations, letters, and other documents, to add impact to training applications and presentations. See *Stills Gallery* on page 26 for details.

## Recording a stream of video and audio or stop-motion video from TV

### To record a stream of video and audio



Right-click the Record button in the TV Player control panel, then click **Stream Capture** in the menu.

The Digital VCR starts recording video and audio to an.AVI file on your computer's hard disk.



To stop recording, click the Stop button in the Digital VCR. A Save As dialog opens, so you can name and save the captured video.

### To record a sequence of still frames (stop-motion)



Right-click the Record button, in the TV Player control panel, then click **Sequence Capture** in the menu.

The Digital VCR opens, and prompts you to click the Record button. Each time you click the button, you capture a frame.



To stop recording, click the Stop button in the Digital VCR. A Save As dialog opens, so you can name and save the captured video.

### To capture still frames from TV Player



Click the Camera button in the TV Player control panel. The current frame is placed in the Stills Gallery (see *Stills Gallery* on page 26 ).

### To capture still frames from MPEG clips



Click the Camera button in the Video-CD control panel (see *Video-CD Player* on page 32). The current frame is placed in the Stills Gallery.

## Compressing and saving captured video

The Digital VCR Custom Settings... page lets you compress your captured video and save it in several industry-standard formats (see *Digital VCR Custom Settings* on page 26). The quality of the video that you capture depends on the following conditions:

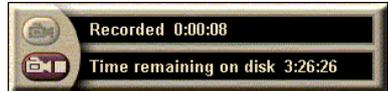
- speed of your system (CPU)
- amount of system memory (RAM)
- performance of your hard disk
- size of the video capture window
- video codec (**co**mpressor/**de**compressor) used

## Editing captured video

You can use the ATI Video Editor to edit your captured video (see *Video Editor* on page 28).

## Digital VCR

The Digital VCR provides simple controls and powerful capture options.



You can capture a stream

of video and audio or a sequence of still frames. It saves captured video and audio as standard .AVI files. The Schedule feature lets you record TV programs on the dates and times you specify (see *Schedule* on page 39).

*For information about using the Stills Gallery controls, see the online help and Tool Tips.*

### To start the Digital VCR

When you capture a stream of video (see *To record a stream of video and audio* on page 23) or a sequence of still frames (see *To record a sequence of still frames (stop-motion)* on page 23) from TV, the Digital VCR opens automatically.

## Digital VCR settings

The Digital VCR tab will allow you to select the recording quality of your captures. The higher the quality you select, the less video you will be able to store on your hard drive.

The Duration option allows you to specify the recording time.

Use the Digital VCR settings pages to specify recording quality, duration, general options, and for custom settings.

### To set up the Digital VCR

- 1 Click Setup. 
- 2 Select the Digital VCRTab.

### Digital VCR Advanced Settings

The **Advanced Settings** button in the Digital VCR page opens the Digital VCR Advanced Settings page.

The Digital VCR Advanced Setting options.

<b>General Options</b>	<p><b>Prompt before Recording</b> Notify you before starting recording.</p> <p><b>Add to Recent Documents</b> Add captured video to recent documents list in the Windows <b>Start</b> menu.</p> <p><b>Show in Minutes</b> Show recording time in minutes.</p>
<b>Temporary Recording Files</b>	<p><b>Record to Drive</b> Choose a drive to store captured video; the system displays the available space available at the current quality settings.</p> <p><b>Amount of free disk space to leave on the hard drive</b> Move the slider to adjust the amount of free disk space.</p>
<b>Enable Pre-allocate file</b>	<p>To improve streaming capture, pre-allocate a capture file large enough to store an entire video clip, and defragment the file before capturing.</p> <p><b>Amount of disk space to use on the hard drive</b> Move the slider to adjust the amount of disk space for the pre-allocate file.</p>

## Digital VCR Custom Settings

The Custom Settings page allows you to customize your video and audio captures. this option allows you to choose a video format, frame size and frame rate. You can also choose to capture audio or video only.

### To use Digital VCR Custom Settings

- 1 Click Setup. 
- 2 Select the Digital VCR Tab.
- 3 Select Custom.
- 4 Select Set.

Once you have selected Set, the Custom Settings page will be displayed. Ensure you have both Capture Video and Capture Audio Selected.

## Stills Gallery

The still images you capture from TV, Instant Replay, or MPEG video are saved in the Stills Gallery. You can save images in a variety of graphics formats and sizes. The Stills Gallery controls let you delete images, hide them, save them as wallpaper, and print them.



When you click the logo in the upper left corner of the Stills Gallery, the “About...” notice appears. If you have more than one feature installed, a Task menu displays available and active features.

*For information about using the Stills Gallery controls, see the online help and Tool Tips.*

## Stills Gallery settings

Use the Stills Gallery Setup page to define how the Stills Gallery saves and prints captured images.

## To set up the Stills Gallery



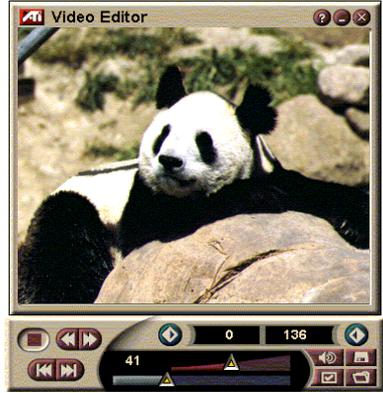
Click the Setup button in the TV Player control panel, then click the **Stills Gallery** tab.

<b>Capture Options</b>	<p><b>Capture to Gallery</b> Captures still images to the Stills Gallery.</p> <p><b>Capture to numbered file</b> Stores captured images in numbered files (pic001.bmp, pic002.bmp...) on your hard disk.</p> <p><b>Capture to clipboard</b> Places captured images on the Windows Clipboard.</p> <p><b>Capture to printer</b> Send the captured image to the printer.</p> <p><b>Use only 256 colors</b> Saves captured images as 256-color files, to save disk space.</p>						
<b>Save Options</b>	<p><b>Warn if closed without saving</b> Alerts you if you close the TV Player or the Stills Gallery without saving captured images.</p> <p><b>Show paths of saved images</b> Displays the drive, folders, and subfolders that contain saved images.</p>						
<b>Tool Tips</b>	<p><b>Show Tool Tips</b> Display tool tips for the Stills Gallery controls.</p> <p><b>Show Short Cut</b> Display shortcut keys for the Stills Gallery controls.</p>						
<b>Always on top</b>	<p>Keep the Stills Gallery on top of other applications.</p>						
<b>Print Options</b>	<p><b>Center image</b> Print image in center of page.</p> <p><b>Image size:</b></p> <table border="0"> <tr> <td>Maximize</td> <td>Print in full-page format.</td> </tr> <tr> <td>One to one</td> <td>Print same size as original.</td> </tr> <tr> <td>Double</td> <td>Print twice original size.</td> </tr> </table>	Maximize	Print in full-page format.	One to one	Print same size as original.	Double	Print twice original size.
Maximize	Print in full-page format.						
One to one	Print same size as original.						
Double	Print twice original size.						

## Video Editor

The Video Editor lets you mark start and end points in a captured video clip, and save the portion you select.

When you click the logo in the upper left corner of the display panel, the “About...” notice appears. If you have more than one feature installed, a Task menu displays available and active features.



*For information about using the Video Editor controls, see the online help and Tool Tips.*

### To start the Video Editor

#### from LaunchPad



Click **Video Editing** in the LaunchPad. For information on *ATI Multimedia LaunchPad Options*, see page 12.

#### from Windows® 95 / Windows® 98 taskbar

- 1 In the Windows taskbar, click **Start**, then point at **Programs ▶**.
- 2 Point at **ATI Multimedia ▶**, then click **Video Editor**

**Auto-launch.** When you save captured video from the TV Player, check the **Launch Video Editing Feature** checkbox in the **Save As** dialog—the Video Editor will open automatically when you stop capturing.

 You can also start the Video Editor from other Multimedia Center features—TV Player, CD Player, and Video-CD Player. Click the ATI logo in the upper left corner of the feature’s control panel, then click **Video Editor** To open files for editing

 Click the Open File button, then choose the file you want.

## Video Editor settings

Use the Video Editor Setup page to set playback size, and general operation.

### To set up the Video Editor

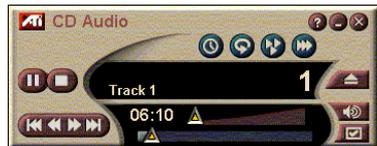


Click the Setup button in the Video Editor control panel.

<b>Playback Size</b>	Play back video at 50%, 75%, 100%, or 200% of original size.
<b>Tool Tips</b>	<b>Show Tool Tips</b> Display tool tips for the Video Editor controls.
	<b>Show Shortcut</b> Display shortcut keys for the Video Editor controls.
<b>Show Position as</b>	<b>Frames</b> Show position as frame number.
	<b>Time</b> Show position as time.

## CD Audio Player

Use the CD Audio Player to play standard audio CDs. Advanced features such as Random play, Intro play (which plays the first ten seconds of each track) and Loop play are available. The Schedule feature lets you schedule CD playback on dates and times you specify (see *Schedule* on page 39).



When you click the logo in the upper left corner of the display panel, the “About...” notice appears. If you have more than one feature installed, a Task menu displays available and active features.

*For information about using the CD Audio Player controls, see the online help and Tool Tips.*

### To start the CD Audio Player

#### from LaunchPad



Click **CD Audio** in the LaunchPad. For information on *ATI Multimedia LaunchPad Options*, see page 12.

#### from Windows® 95 / Windows® 98 taskbar

- 1 In the Windows taskbar, click **Start**.
- 2 Point at **Programs** ▶.
- 3 Point at **ATI Multimedia** ▶.
- 4 Click **CD Audio**.

 You can also start the CD Audio Player from other Multimedia Center features—TV Player, Video Editor, and Video-CD Player. Click the ATI logo in the upper left corner of the feature’s control panel, then click **CD Audio**.

## CD Audio Player settings

Use the CD Player Settings page to set up playlists and shuffle play, and to use an LCD panel for track number and playback time.

### To set up the CD Audio Player

 Click the Setup button in the CD Audio control panel.

<b>Play List</b>	Displays all tracks in the playlist.
<b>Shuffle Play</b>	<b>Shuffle all tracks</b> Play all tracks in random order. <b>Shuffle user playlist</b> Play playlist in random order.
<b>Disc Information</b>	Type the disc name and artist name.
<b>Available Tracks</b>	Displays the tracks that you can add to the playlist.
<b>LCD Display</b>	Check to display track number and current playback time on an LCD display.

**Tool  
Tips****Show Tool Tips**

Display tool tips when you point at a control with your mouse.

**Show Shortcut**

Display keyboard shortcuts when you point at a control with your mouse.

## CD Audio Player Schedule settings

You can schedule the CD Audio Player to play on the dates and times you specify. You can also schedule events for the TV Player, Video Capture, and Video Capture.

### To open the CD Audio Schedule settings page

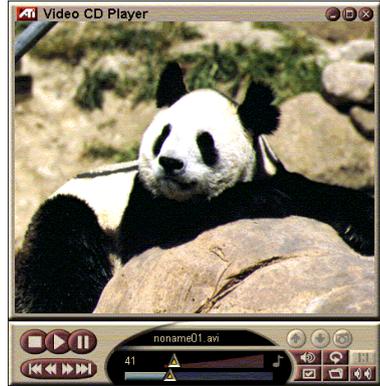


Click the Setup button in the Video-CD Player control panel, then click the **Schedule** tab. See *Schedule* on page 39 for details.

## Video-CD Player

The Video-CD Player plays MPEG-1 digital audio and video, Video CD 1.0 CDs, MPEG-1 Video CD 2.0 Interactive CDs, Karaoke CDs, and .AVI video files.

The Schedule feature lets you play video files on dates and times you specify (see *Schedule* on page 39).



When you click the logo in the upper left corner of the display panel, the “About...” notice appears. If you have more than one feature installed, a Task menu displays available and active features.

*For information about using the Video-CD Player controls, see the online help and Tool Tips.*

### To start the Video-CD Player



#### *from LaunchPad*

Click **Video-CD** in the LaunchPad. For information on *ATI Multimedia LaunchPad Options*, see page 12.

#### *From Windows® 95 / Windows® 98 taskbar*

- 1 In the Windows taskbar, click **Start**.
- 2 Point at **Programs** ▶.
- 3 Point at **ATI Multimedia** ▶.
- 4 Click **Video-CD**.

 You can also start the Video-CD Player from other Multimedia Center features—TV Player, Video Editor, and CD Player. Click the ATI logo in the upper left corner of the feature’s control panel, then click **Video-CD**.

When you play a video CD, this small control panel opens to provide navigation. Use the numeric keys to enter values directly; the upper window displays your entries.



### To play a file



Click the File Open button, and select a file from the list.

Click the **Play** button. The file plays in the display panel.

### To play a series of files



Click the File Open button, and select files from the list.

Click **Add**, then click **Play**.

The files play, in sequence, in the display panel.

### To capture still frames from MPEG clips



Click the Camera button in the Video-CD control panel. The current frame is placed in the Stills Gallery (see *Stills Gallery* on page 26).

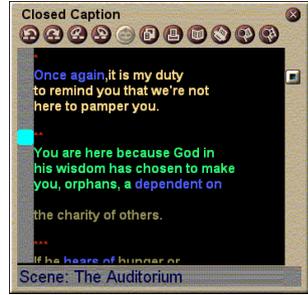
## Video-CD closed captioning

The Video-CD Player supports the standard Closed Captioning for MPEG Video CD 2.0 and full Closed Caption for Education (CCFE) specification. You can display MPEG closed-captioned text in three ways:

- Over video in the display panel
- In the Closed Caption window
- Over video and in the Closed Caption window simultaneously

The vertical scroll bar lets you navigate closed-captioned text, and the buttons control CCFE functions.

- The bottom of the window displays the current scene.
- The light blue square is a bookmark. Click it to bookmark the page; click it again to remove it.



The Closed Caption window

- Right-clicking a word in the Closed Caption window launches the dictionary program (if it has been selected) to define the word.
- Right-clicking the Closed Caption window border opens a menu where you can specify display size, audio channels, movie scale, and show/hide controls (right-clicking the Video-CD Player display opens the same menu).
- In CCFE, right-clicking the blue (idiom) words opens the Idiom window.

### To go to a particular location in the MPEG file

Double-click a specific section of text.

### To set up a loop in the closed-captioned text

- 1 Click any part of the text to place the **beginning** mark.
- 2 Shift-click another part of the text to place the **end** mark.

### To play the loop

Click the **Loop Selected Range** button in the Close Caption window.

### To move to the current, live area of the file

Double-click the scroll bar knob.

## Video-CD Player Display settings

Use the Video-CD Display settings pages to set up video size and general operation.

## To open the Video-CD Display settings page



Click the Setup button in the Video-CD Player control panel, then click the **Display** tab.

<b>Video Size</b>	Choose playback size: 50%, 75%, 100%, 200%, or Fullscreen.
<b>Tool Tips</b>	<p><b>Show Tool Tips</b> Show tool tips when you point at controls with your mouse.</p> <p><b>Show Shortcuts</b> Show keyboard shortcuts when you point at controls with your mouse.</p>
<b>Always on top</b>	Keep the Video-CD Player on top of other applications.
<b>Keep Aspect Ratio</b>	Maintain the width-to-height ratio when you resize or zoom the display.
<b>Autohide Controls in Full screen</b>	Automatically hide Video-CD Player controls when playing full-screen.

## Video-CD Player Preferences settings

Use the Video-CD Player Preferences settings page to set up general characteristics for your Player.

### To open the Video-CD Preferences settings page



Click the Setup button in the Video-CD Player control panel, then click the **Preferences** tab.

<b>Movie Scale</b>	<p><b>Show Frames</b> Display scale in frames.</p> <p><b>Show Time</b> Display scale in time.</p> <p><b>Show Time Remaining</b> Display the remaining time in the playing video CD or file.</p> <p><b>Show Total Time</b> Display the total time of the playing video CD or file.</p>
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<b>Update Slider Position</b>	Update the position slider while a file is playing. (May slow down playback; turn this off for faster response.)
<b>Automatically play CD if present</b>	Automatically play a loaded CD.

## Video-CD Player Closed Caption settings

Use the closed caption settings to specify the closed caption language and display font for the video window and the Closed Caption window.

### To open the Video-CD Closed Caption settings page



Click the Setup button in the Video-CD Player control panel, then click the **Closed Caption** tab.

<b>Video Window</b>	<b>Off</b> Do not display closed-captioned text.
	<b>English</b> Display English text.
	<b>Hangul</b> Display Hangul text.
	<b>Font</b> Select the font and background style for the video window.

**Second Window****Off**

Do not open the second window.

**Single Language****English Only**

Display English text.

**Hangul Only**

Display Hangul text.

**Both Languages****Horizontally**

Display English and Hangul text side-by-side, divided by the slider.

**Vertically**

Display “layered” view: English, Hangul, English...

**Font**

Select the font for the second window, and the foreground and background color.

## Video-CD Player Stills Gallery settings

You can capture still images from MPEG clips.

### To open the Video-CD Stills Gallery settings page



Click the Setup button in the Video-CD Player control panel, then click the **Stills Gallery** tab.

**Capture Options****Capture to gallery**

Capture still images to the Stills Gallery.

**Capture to numbered file**

Store captured images in numbered files (pic001.bmp, pic002.bmp...) on your hard disk.

**Capture to clipboard**

Places the captured image on the Windows Clipboard.

**Capture to Printer**

Sends the captured image to the printer.

**Use only 256 colors**

Saves captured images as 256-color files, to save disk space.

<b>Save Options</b>	<b>Warn if closed without saving</b> Alerts you if you close the Stills Gallery or the Video-CD Player without saving captured images. <b>Show paths of saved images</b> Display the drive, folders, and subfolders that contain your saved images.
<b>Tool Tips</b>	<b>Show Tool Tips</b> Display tool tips for the Stills Gallery controls. <b>Show Short Cut</b> Display shortcut keys for the Stills Gallery controls.
<b>Always on top</b>	Keep the Stills Gallery on top of other applications.
<b>Print Options</b>	<b>Center image</b> Print image in center of page. <b>Image size:</b> Maximize    Print in full-page format. One to one    Print same size as original. Double    Print twice original size.

### Video-CD Player Schedule settings

You can schedule the Video-CD Player to play on the dates and times you specify. You can also schedule events for the Audio CD Player, TV Player, and Video Capture.

#### To open the Video-CD Schedule settings page



Click the Setup button in the Video-CD Player control panel, then click the **Schedule** tab. See *Schedule* on page 39 for details.

## Sizing the Video Display panel

You can resize the video display panel by using your mouse to drag an edge, and you can use the CTRL key to display these preset screen sizes:

50% of original size.	CTRL+1
75% of original size.	CTRL+2
100% of original size.	CTRL+3
Full-screen	CTRL+4 CTRL+F

## Schedule

Use the Schedule feature to activate events on the dates and times you want. You can schedule events for the TV Player, CD Audio Player, Video Capture, and Video-CD Player.

### To set up scheduled events



Click the Setup button in the TV Player, CD Audio Player, or the Video-CD Player, and then click the **Create New** button.

The Schedule Wizard will guide you through creating new scheduled events. Step 4 of the Wizard asks if you want to set up feature-specific settings (for example, if you are recording video, you can specify quality and duration for particular events). When you click the **Finish** button, your event is added to the scheduled event list; checked items are active.



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## CHAPTER 3

# Troubleshooting

The Readme file found on the ATI installation CD ROM, will contain last minute information not provided in the User's Guide. The Readme file can be found in PM\PMCORE\MAIN.

Because a typical computer system consists of many different parts, difficulties may arise from a combination of items. Check the following list and find a symptom that's similar, then try the suggested solution.

### No Audio from the TV Wonder VE

*For correct audio performance, your sound card must be active. Follow these steps to display the Line-In Audio setting in the Windows<sup>®</sup> Volume Control Panel:*

- 1** Right-click the speaker icon  in the Taskbar.
- 2** Click **Open Volume Controls**.
- 3** If the **Line-In** volume control slider is not visible, click **Options**, then click **Properties**. Select **Line-In** (or **CD Audio** for internal audio connections) and click **OK**.
- 4** Adjust the volume setting of the **Line-In** volume control slider.
- 5** If the **Mute** checkbox is checked, click it to turn off muting.
- 6** Close the window to save your settings.

### Video is unstable.

- Check that you're using the correct broadcast standard format for your region.
- Check the quality of your incoming TV signal on another receiver; bad reception may be the cause.

### Video is in black and white only.

- Check the connectors setting to make sure you've selected the correct input (CATV, or Composite) for your video source device.

**No video or audio.**

- Check that the audio and video connectors are securely plugged into the correct jacks.
- Check that the **ATI-TV Wonder VE** tuner card is securely seated in its PCI slot. If the problem still exists, try a different PCI expansion slot.
- Make sure that the monitor and computer are plugged in and receiving power.
- Check that the audio cables are connected properly. (See *Audio Connection* on page 5.)

**No audio.**

- Ensure that another Windows® audio program is not muting the sound.
- Check the mixer line input setting in the audio software provided with your sound card.

**No television audio.**

- 1** Start theATI TV Tuner.
- 2** Click the **Setup** button  in the TV Tuner control panel.
- 3** Select the Display tab.
- 4** Select Initialization Wizard within the Display tab.
- 5** Select the appropriate audio source from within the TV Sound Initialization Wizard.

Line-In
MIDI
CD Audio
<b>Line-In</b>
Wave

*Remember: to hear audio from the television, you must make a connection between your **ATI-TV Wonder VE** card and your sound card. See *Audio Connection* on page 5.*

If you still cannot hear TV audio, check your mixer settings by following the steps under *No Audio from the TV Wonder VE* on page 41.

## To load Windows® 95/Windows® 98 in Safe Mode

- 1** Turn on your computer.
- 2** In **Windows® 95**, press the **F8** key when “Starting Windows 95” appears on the screen.  
 In **Windows® 98**, press and hold the **Ctrl** key until the Windows® 98 Startup Menu appears, then **select the number for Safe Mode** and press **Enter**.
- 3** Select **Safe Mode**.
  - Disable any programs that launch automatically when you start Windows® 95/Windows® 98.

