

Using Your ATI Multimedia Center

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

The Multimedia Center is a suite of products that provides TV, Video Editing, Audio CD, DVD, and Video CD.

Because North American and European television use different broadcast standards, closed-captioning and related features are available only in North America, and TV audio is monaural-only in Europe.



IN THIS CHAPTER...

- **Starting ATI Multimedia Center** on page 2
- **TV Player** on page 4
- **Capturing Video and still images** on page 23
- **Stills Gallery** on page 29
- **Digital VCR** on page 26
- **Video Editor** on page 31
- **CD Audio Player** on page 33
- **Video CD Player** on page 35
- **DVD Player** on page 42
- **Schedule** on page 52

Starting ATI Multimedia Center

In Windows® 95 / Windows® 98

- 1 In the Windows taskbar, click **Start**.
- 2 Point at **Programs** ▸.
- 3 Point at **ATI Multimedia** ▸.
- 4 Click **TV, Video Editor, CD Audio, DVD, or Video CD**.

For information about using the ATI Multimedia Center features, see the online help.

Attaching and Detaching Panels

You can detach the TV, Video Editor, DVD Player, 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

While holding down the Shift key, click the panel where the panel edges meet, then **drag** it away.

To attach a panel

Drag it near the display panel 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.

F1

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. As you become familiar with your ATI Multimedia Center, you may want to turn off help — click the **Show Tool Tip** checkbox in the **Display** tab (for more information, see [TV Player display settings](#) on page 7).



ATI Desktop Help. For help on your ATI video card's graphics features, double-click the ATI icon in the lower-right corner of your screen.

TV Player

NOTE
All channels may not be available in all countries.

ATI VIDEO
PLAYER
TV audio is
monaural-
only in
Europe

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: Closed Captioning, Instant Replay, 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 52.)

To start the TV Player

In Windows® 95 / Windows® 98

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

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

If there is no TV tuner in your computer system, a small control panel with controls for composite and S-Video inputs is available.



For information about using the TV Player controls, see the online help and Tool Tips.

Setting up the TV Player

The TV Player First Run Wizard guides you quickly and easily through setting up your TV Player. Perform these simple steps to set up the TV.

Setup using the First Run Wizard

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

Click the **Initialization** button to open the First Run 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 display, TV channels, audio, video capture, and Instant Replay.

You can change these settings at any time; for detailed information, see:

- *TV Player display settings* on page 7
- *TV Player Tuner settings* on page 9
- *Capturing Video and still images* on page 23
- *Instant Replay* on page 15

Setup without the First Run Wizard

Choose antenna or cable

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

In the **Global 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 twice to open the TV Sound Initialization Wizard.

Click the audio input that matches the connection between TV and your sound card.

Scan for available channels



Click the Setup button, then click the **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 display settings

The Display settings page lets you control how video is displayed in the TV Player.

To open the Display settings page



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

Screen Size	Indicates the sizes available for the current panel. If the current panel does not support resizing, the values are greyed-out.
Tool Tips	<p>Show Tool Tip Show helpful aids for using TV Player when you point at a control with your mouse.</p> <p>Show Shortcut Show keyboard shortcuts when you point at a control with your mouse.</p>
Display Feature	<p>Video Desktop When the TV Player is minimized, TV display replaces your desktop pattern.</p> <p>Fixed Aspect Ratio Click to preserve the width-to-height ratio when you resize or zoom the display.</p> <p>Always On Top Display the TV Player on top of other applications.</p>
Hide Player Hotkey	Specify a keyboard key that hides/displays the TV Player.
Initialization	Re-runs the First Run Wizard. When you first start the TV Player, the First Run Wizard guides you through setting up Display Feature , Tool Tips , Hide Player Hotkey , choosing cable or antenna input, Autoscanning (see TV Player Tuner settings on page 9), audio input, video capture, and Instant Replay.

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 23).

To open the Video settings page



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

Connector	Choose cable, composite or S-Video input.
Standard	Choose the broadcast standard: NTSC, PAL, or SECAM.
About Driver	Displays a current configuration dialog box.
Video Capture	<p>Interlaced Captures both fields of an interlaced image. Some blurring may be visible in objects that are rapidly moving sideways, and in scrolling text.</p> <p>Both Fields Captures both fields of an interlaced image and displays them one after the other, to produce video at double the normal refresh rate.</p> <p>One Field Captures one field of an interlaced image.</p>
	<p>Warm Accentuates the red end of the spectrum. Useful for enhancing or correcting skin tones.</p> <p>Cool Accentuates the blue end of the spectrum. Use to correct an image that is too “hot”.</p>
	<p>Color Adjusts the amount of color in the display.</p> <p>Brightness Adjusts the amount of white in the display.</p> <p>Contrast Adjusts the gradation of tone between highlights, midtones, and shadows.</p> <p>Tint Adjusts the balance of red to blue.</p>
Capture Still 640x480	Capture still images at 640x480 pixels.

TV Player Tuner settings

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

To open the Tuner settings page



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

Autoscan	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.
Global Standard	Select the country and cable/antenna input.
Channel Name	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).
Details...	Select a channel, then click the Details... button to open the Channel Property Details page (see Channel Property Details on page 10).

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.

Channel Name	Type a name for the channel.	
Channel Tunes to Station	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 Scan for available channels on page 6).	
Channel in Favorite List	Check to add the channel to the channels that the TV Player receives when you click the channel up/down buttons).	
Channel in Visual Selection List	Check to add the channel to the Visual Selection list (see Visual Channel Selection ("Channel Surfing") on page 12).	
Channel Specific Settings	Audio Click Audio , then click Details... to open the Sound details page.	
	Mute Settings	
	Global	Mutes all channels.
	Mute On	Mutes selected channel.
	Mute Off	Cancels all muting.
	Reset	Restores previous settings.
	SAP Settings	(see Secondary Audio Program on Page 20).
	Global	Activates SAP for all channels that provide it.
	Stereo	Activate stereo audio for this channel, if it provides it.
Mono	Activates monaural audio for this channel.	
SAP	Activates SAP for this channel.	

**Channel
Specific
Settings****Video**

Click **Video**, then click **Details...** to open the Channel Based Video Settings page.

Color Setting

Click **Warm** or **Cool**

Video Capture

Click **Interlaced**, **Both Fields**, or **One Field**.

Broadcast Standard

Choose the broadcast standard for this channel.

Video Properties

Adjust the color, brightness, contrast, and tint for this channel.

Program Lockout

Click **Program Lockout**, then click **Details...** to open the Program Lockout page.

Set program lockout for this channel (see [Program Lockout](#) on page 22 for details).

Closed Captioning

Click **Closed Captioning**, then click **Details...** to open the **Closed Captioning Channel Setting** page.

Set up closed captioning for this channel (see [TV Player Closed Caption settings](#) on page 13 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, TV Magazine, 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 52 for details.

Visual Channel Selection (“Channel Surfing”)

You can browse through several TV channels simultaneously, and select channels by clicking on “thumbnail” images (miniature representations) of the channels. Each thumbnail displays the channel number, and is regularly updated to display the current program.

- If any channel in the selection list is a locked-out channel (see *Program Lockout* on page 22), a password is required to access it. If a password is not entered, only unlocked channels are displayed.
- After an autoscan (see *Scan for available channels* on page 6), all detected channels are included in the selection list. A magnifying glass appears to the left of the lock-out icon. Click the magnifying glass button to add or remove the channel from the selection list.
- Most controls are disabled during Visual Channel Selection.

To use Visual Channel Selection

- 1**  Click the Visual Channel Selection button in the TV Tuner control panel.
A grid of thumbnails appears over your TV display.
- 2** Click the thumbnail for the channel you want to preview.
The channel you clicked becomes “live”, and plays video and audio for a few seconds.
- 3** To select a channel for viewing, double-click a thumbnail.
The grid of thumbnails disappears, and the selected channel appears on your screen.

TV Player Closed Captioning

**North
American
feature**

Display closed captioned text over video, like a standard TV, and in a separate window beside the video. When you use the separate window, you can use the scroll bar to review the last few minutes of text.



You can set the background color, the font, and the font color for the window.

TV Player Closed Caption settings

The Closed Caption settings page lets you specify how closed captioned text is displayed—over video or in a window—and the background color, the font, and the font color for the window. You can also set up and enable the HotWords and TV Magazine features.

To set up closed captioning



Click the Setup button in the TV control panel, then click the **Closed Caption** tab.

Placement	External Window Displays closed captioned text in its own window. Click Font... to select the display font.
	Video Window Displays closed captioned text superimposed on the video. Click Font... to select the display font.
	Solid Background Displays closed captioned text on a solid background.
	Shaded Background Displays closed captioned text on a shaded background.
HotWords	Enable Check to enable HotWords when Closed Captioning is on (see <i>HotWords™</i> on page 16).
	HotWords Setup Opens the HotWords settings page.

TV Magazine	Enable Activates TV Magazine (see TV Magazine on page 18.) TV Magazine Setup Opens the TV Magazine Setup Wizard.
Closed Caption On Mute	Display closed captioned text when the audio is muted.
Show Alternate Text If Present	If T1 mode closed captioned data is present in the caption stream, checking this box displays a full page of T1 mode, scrollable closed captioned text. If you turn off Closed Captioning or change channels, the page is hidden.

Instant Replay

NOTE
If your display is set to 32bpp, Instant Replay may not work correctly.

Instant Replay lets you replay live video, with a 2-to-10 second delay, while you watch TV. You can pause and restart capture, search and play captured video, and capture still frames from the Instant Replay panel.

Move the delay slider left to decrease delay time to a minimum of 2 seconds.

Move it right to increase delay time to a maximum of 10 seconds.



To start Instant Replay



Click the Instant Replay button in the TV control panel.

To display or hide the Instant Replay panel

Right-click the Instant Replay button, then click **Show Window** in the drop-down menu.

To capture still images from the Instant Replay panel



You can capture still frames when Instant Replay is not recording. Play or pause Instant Replay.



Click the camera button in the Instant Replay panel. The image is saved in the Stills Gallery (see [Stills Gallery](#) on page 29).

To set the display size

Right-click the Instant Replay display panel, then click the display size you want in the menu.

To close Instant Replay



Click the Exit button in the upper right corner of the panel.

HotWords™

*North
American
feature*

Have your computer watch TV for you! When you turn on Closed Captioning, you can specify words and phrases that the ATI TV Player will detect in the closed-captioned text. You set Hot Words to show the matched text, restore the TV Player, play a sound, enable TV Magazine, or enable the Digital VCR when the Hot Words appear. You can enable HotWords, and then minimize the TV Player; when the specified words occur, the TV Player opens. You specify words using the Hot Words setup button in the Closed Caption settings page.

To set up HotWords



Click the Setup button in the TV control panel, click **Closed Caption**, then click the **HotWords Setup** button. The HotWords Setup Wizard opens.

To enable HotWords, check the **Enable** box. The HotWords Setup Wizard will guide you through HotWords setup.

First Word	Type the first word to be matched.
Match Type	Choose the type of match you want: <ul style="list-style-type: none">• By Itself Notify when the First Word occurs.• Followed by Notify when the First Word occurs, and is immediately followed by the Optional Word you specify.• Not Followed By Notify when the First Word occurs, if it is <u>not</u> immediately followed by the Optional Word.• In Sentence With Notify when the First Word occurs, if it is in a sentence with the Optional Word.
Optional Word	Type the word you want to match with the First Word. When you specify an Optional Word, the system only looks for the First Word+Optional Word combination.
Partial	Check this box to notify when a <u>part</u> of the First Word occurs.

*Use the **Add** and **Remove** buttons to add and remove words from the list.*

Actions to take
when your
HotWords
occur.

Show Matched Text

Displays the text that matches your Hot Word(s).

Restore Player

Opens the TV Player in its current state.

Recording

Enable TV Magazine

Activates TV Magazine (see [TV Magazine](#) on page 18).

Enable Digital VCR

Activates the Digital VCR (see [Digital VCR](#) on page 26).

TV Magazine

*North
American
feature*

Use TV Magazine to transcribe closed captioned broadcasting, including pictures and text. You can save files as RTF (Rich Text Format), which preserves formatting, and can be used in many word processors, plain text (TXT), or Hypertext Markup Language (HTML). You can use the Schedule feature to start TV Magazine at dates and times you specify (see [Schedule](#) on page 52).

To start TV Magazine



Click the Setup button in the TV control panel, click **Closed Caption**, then click **TV Magazine Setup** button.

To enable TV Magazine, check the **Enable** box. The TV Magazine Setup Wizard will guide you through HotWords setup.

File Name	Type a name for the file.
File Format	Select a file format (RTF, TXT, or HTML).
Options	<p>Overwrite files Check to overwrite existing files. Uncheck to keep existing files.</p> <p>Remove Advertising Automatically skips commercial advertising when you display or transcribe closed-captioned text. It works best with programs that use scrolling transcripts rather than “text bubbles” to record closed-captioned text; for example: Talk shows, News broadcasts, Sports, and Soap operas.</p> <p>(Depending upon the closed-captioning format, commercials may occasionally be recorded—a little experimentation will show you how to get the best results.)</p> <p>Case Conversion Convert all characters to upper or lower case.</p>
Stop Transcribing After	Specify the number of minutes to transcribe.

**Select
Layout**

No image

No images are saved.

Images on Left

Images are placed on the left, text on the right.

Images on Right

Images are placed on the right, text on the left.

Alternate images

Images and text alternate left and right.

Use black & white pictures

Save images as black & white, to save disk space.

Secondary Audio Program (SAP)

NOTE

Not all television stations broadcast stereo or SAP.

The Secondary Audio Program can be used to broadcast, for example, language translations, reading services for the visually impaired, weather forecasts, or information about a show.

SAP is not available in European or Japanese versions of the TV Player, and TV Player audio is mono-only in Europe.

To hear the Secondary Audio Program



Right-click the Mute button in the TV Player control panel, and click SAP in the drop-down menu.

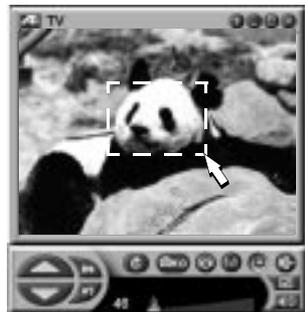
You can also use the menu to:

- Turn on captions when the audio is muted.
- Switch from stereo to mono.
- Play both SAP and regular audio simultaneously (TV audio on the left, SAP audio on the right).

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 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.

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.

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.

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 26 for details.



Still images. Capture full-color, 24-bit-per-pixel, still images from television, and MPEG clips (see [Video CD Player](#) on page 35) 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 29 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.

Editing captured video. You can use the ATI Video Editor to edit your captured video (see [Video Editor](#) on page 31).

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.

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 28). 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 (encoder-decoder) used:

YUV9	Produces the best quality, but uses the most memory.
ATI VCR 1.0	Requires a Pentium 166 or faster, and dramatically reduces disk space required.
ATI VCR 2.0	Uses on-the-fly compression to achieve up to 9:1 compression over YUV16, and requires an MMX or Pentium II class machine.

Editing captured video

You can use the ATI Video Editor to edit your captured video (see *Video Editor* on page 31).

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 29).

To capture still frames from MPEG clips



Click the Camera button in the Video CD control panel (see [Video CD Player](#) on page 35). The current frame is placed in the Stills Gallery.

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 date and time you specify (see [Schedule](#) on page 52).

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 24 from TV, the Digital VCR opens automatically.

Digital VCR settings

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

To set up the Digital VCR



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

Recording Quality

Check **Best Quality**, **Good Quality**, **Medium Quality**, or **Longest Time**. (Note that the higher the quality, the less video you will be able to store on a disk).

When you click **Custom**, and then click the **Set** button, the **Custom Settings** page opens. These settings provide very fine control of video and audio capture (see [Digital VCR Custom Settings](#) on page 28).

Duration

Specify the amount of time, in minutes, to record.

Digital VCR Advanced Settings

Click the **Advanced** button in the Digital VCR page to open the Digital VCR Advanced Settings page.

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

Digital VCR Custom Settings

In the Digital VCR Settings page, click **Custom**, then click the **Set** button.

Capture Video

Check to capture video.

Format

ATI Packed YUV Data

YUV9 Planar (Indeo Raw)

Produces the best quality, but uses the most memory.

YUV12 Planar (MPEG Raw)

ATI VCR 1.0 Requires a Pentium 166 or faster, and dramatically reduces required disk space.

ATI VCR 2.0 Uses on-the-fly compression to achieve up to 9:1 compression over YUV16, and requires an MMX or Pentium II class machine.

Dimension

Choose the size at which to record video.

Frame Rate

Type a custom frame rate.

Capture Audio

Check to capture audio.

Format

Choose an audio format.

Limit Recording to

Enter a maximum recording time, in seconds.

Stills Gallery

The still images you capture from TV or Instant Replay 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.

Capture Options

Capture to Gallery

Captures still images to the Stills Gallery.

Capture to numbered file

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

Capture to clipboard

Places captured images on the Windows Clipboard.

Capture to printer

Send the captured image to the printer.

Use only 256 colors

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

Save Options	Warn if closed without saving Alerts you if you close the TV Player or the Stills Gallery without saving captured images. Show paths of saved images Displays the drive, folders, and subfolders that contain saved images.
Tool Tips	Show Tool Tips Display tool tips for the Stills Gallery controls. Show Short Cut Display shortcut keys for the Stills Gallery controls.
Always on top	Keep the Stills Gallery on top of other applications.
Print Options	Center image Print image in center of page. Image 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

In Windows[®] 95 / Windows[®] 98

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

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, DVD Player, and Video CD Player. Click the ATI logo in the upper left corner of the feature’s control panel, then click **Video Editing**.

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

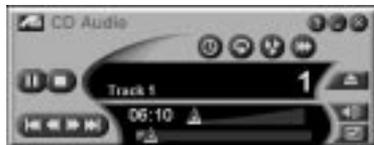


Click the Setup button in the Video Editor control panel.

Playback Size	Play back video at 50%, 75%, 100%, or 200% of original size.
Tool Tips	Show Tool Tips Display tool tips for the Video Editor controls. Show Shortcut Display shortcut keys for the Video Editor controls.
Show Position as	Frames Show position as frame number. Time 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 record TV programs on dates and times you specify (see [Schedule](#) on page 52).



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

In Windows[®] 95 / Windows[®] 98

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



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

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.

Play List	Displays all tracks in the playlist.
Shuffle Play	<p>Shuffle all tracks Play all tracks in random order.</p> <p>Shuffle user playlist Play playlist in random order.</p>
Disc Information	Type the disc name and artist name.
Available Tracks	Displays the tracks that you can add to the playlist.
LCD Display	Check to display track number and current playback time on an LCD display.
Tool Tips	<p>Show Tool Tips Display tool tips when you point at a control with your mouse.</p> <p>Show Shortcut Display keyboard shortcuts when you point at a control with your mouse.</p>

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, TV Magazine, 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 52 for details.

Video CD Player

The Video CD Player plays MPEG-1 digital audio and video, 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 52).

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

In Windows® 95 / Windows® 98

- 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, CD Player, and DVD 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 29).

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.

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

Movie Scale	Show Frames Display scale in frames. Show Time Display scale in time.
Update Slider Position	Update the position slider while a file is playing. (May slow down playback; turn this off for faster response.)
Automatically play CD if present	Automatically play a loaded CD.

Video CD Player Closed Caption settings

The Video CD Player supports the standard Closed Captioning for MPEG Video CD 2.0 and full Closed Caption for Education (CCFE) specification. Use the closed caption settings to specify the closed caption language and display font for the video window and the second 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.

Video Window	<p>Off Do not display closed-captioned text.</p> <p>English Display English text.</p> <p>Hangul Display Hangul text.</p> <p>Font Select the font and background style for the video window.</p>
Second Window	<p>Off Do not open the second window.</p> <p>Single Language</p> <p>English Only Display English text.</p> <p>Hangul Only Display Hangul text.</p> <p>Both Languages</p> <p>Horizontally Display English and Hangul text side-by-side, divided by the slider.</p> <p>Vertically Display “layered” view: English, Hangul, English ...</p> <p>Font Select the font for the second window, and the foreground and background color.</p>

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.
Save Options	Warn if closed without saving Alerts you if you close the Stills Gallery or the Video CD Player without saving captured images.
	Show paths of saved images Display the drive, folders, and subfolders that contain your saved images.
Tool Tips	Show Tool Tips Display tool tips for the Stills Gallery controls.
	Show Short Cut Display shortcut keys for the Stills Gallery controls.
Always on top	Keep the Stills Gallery on top of other applications.
Print Options	Center image Print image in center of page.
	Image size:
	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, TV Magazine, 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 52 for details.

DVD Player

DVD (Digital Versatile Disc) is a high-density format that provides as much as 17 Gigabytes of storage—25 times more than a CD-ROM. This vastly increased capacity lets you view a full-length movie or play games that used to require multiple CDs.



Many DVD titles provide new viewing capabilities: interactive menu selection, multiple languages, foreign-language subtitles, multiple viewing angles, and more. New video and audio technologies such as MPEG-2 video compression give you a higher level of multimedia video and audio experience.

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 play video files on dates and times you specify (see [Schedule](#) on page 52).

To start the DVD Player

In Windows[®] 95 / Windows[®] 98

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

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

For information about using the DVD Player controls, see the online help and Tool Tips.

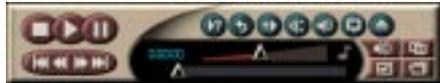
What can I play on my DVD drive?

You can play all video discs that conform to the DVD Video Disc 1.0 specification, including encrypted (copy-protected) and interactive titles.

DVD Player control panels

DVD Video Discs.

On most systems, when the Player detects a DVD Video Disc, it automatically opens the DVD control panel.



DVD control panel

MPEG-2 files. You can play all MPEG-2 files (MPEG-2 files usually have an .MP2 or .VOB

extension). When you instruct the player to play an MPEG-2 file, it automatically opens the MPEG-2 control panel and plays the file in the Video Display panel. See [Playing MPEG-2 Files](#) on page 48



MPEG-2 control panel

Both modes provide context-sensitive help; see [Online Help](#) on page 3.

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

Full-screen controls

When you play DVD discs in



full-screen mode, the Player controls appear at the bottom of your screen. You can use the following keys to return to windowed video, and hide or show the on-screen controls.

Ctrl + F	Exit full-screen mode.
F2	Hide / Show the on-screen controls.

Playing DVD Video Disks

All DVD players and drives will read **audio CDs** and **CD-ROMs**, and play music from **Enhanced CDs** (CD Plus, CD Extra).

To play DVD discs

- 1 Place a DVD disk in your DVD drive.
- 2 Click the Play DVD button in the File Open dialog.
- 3  Click the open file button in the control panel.

Selecting audio streams



When you view a standard DVD Video disc that has multiple audio streams, clicking the audio channel button displays a pop-up menu of available audio streams. The currently-playing channel is checkmarked.

- All DVD Video Discs support up to eight audio channels.

Setting up sub-titles



Click the sub-title selection button in the DVD control panel to display a menu of sub-title language choices. Click the language you want for sub-titles. The selected language is checkmarked.

- All DVD Video Discs support from one to thirty-one sub-picture languages.

Using the menus



Click the Menu button in the DVD control panel. A pop-up “menu of menus” opens, where you can select a menu to jump to. Standard DVD Video Discs provide up to six menus:

- Title (usually, a whole movie or album)
- Root
- Audio
- Sub-picture (sub-pictures overlay the video, and are used for sub-titles, karaoke, menus, simple animation, and the like.)
- Angle
- Chapter

Searching DVD disks

DVD Video Disc content consists of “titles” (movies or albums), and “parts of titles” (chapters or songs). Use Search to go to a specific location on the disc.



Click the Search button in the DVD control panel to open the search dialog. You can search DVD discs for:

- Title (usually a whole movie)
- Title and Chapter (a Chapter is part of a Title); the Time will be set to zero)
- Time within the current Title and Chapter in HH:MM:SS:FF format: HH=hour, MM=minute, SS=second, FF=frame).

Selecting viewing angle



Click the Angle button in the DVD control panel to display a menu of camera angles. The selected angle is checkmarked.

- Not all DVD Video Discs support multiple viewing angles; the DVD content must be encoded with multiple viewing angles for this feature to be active.

Control menu



In addition to the control panel buttons described on pages page 45 – page 46, you can access Player functions by right-clicking on the video viewing area. This is very useful when you play files in full-screen mode. The following menu items are available:

1	Hide full-screen panel	Hides the full-screen controls (see Full-screen controls on page 44).
2	Eject	Ejects the DVD disc from the drive.
3	Resume	Continues play, after pausing
4	Play/Pause	Toggles between play and pause.
5	Stop playing	Stops play.
6	Play at specific part	Search for a specific location on the disc (see Searching DVD disks on page 46).
7	Restart program	Starts play at the beginning of the file.
8	Group	Goes up in a playlist (see Playing MPEG-2 Files on page 48).
9	Select Menus	Displays a “menu of menus” (see Using the menus on page 45).
10	Subtitle Setup	Displays a menu of subtitle language choices (see Setting up sub-titles on page 45).
11	Audio modes	Displays a menu of audio streams (see Selecting audio streams on page 45).
12	Angles	Displays a menu of camera angles (see Selecting viewing angle on page 46).

Playing MPEG-2 Files

You can play all MPEG-2 files (MPEG-2 files usually have an .MP2 or .VOB extension). When you instruct the player to play an MPEG-2 file, it automatically opens the MPEG-2 control panel and plays the file in the Video Display panel.



Use the previous file and next file buttons to play files in a playlist.

- You can build a **playlist** of files to play one after the other:



When you click the Open file button in the control panel, the Select Files To Play dialog opens. Select files from the upper panel, and click the Add button to include them in the playlist.



To play files, click the Play button.

- When you use a playlist, loop mode  plays every file in the sequence you specify, and then repeats the sequence. If you are playing a file, the Skip To End button  skips to the next file.

To play an MPEG-2 file

- 1  Click the Open File button in the control panel.
- 2 Select one or more MPEG-2 files.
- 3  Click the Play button.

Your file plays in the Video Display panel.

NOTE

In MPEG mode, not all overlay functions are available in all monitor resolutions. Usually, 800x600x16 colors allows the graphics card enough memory to support overlay functions.

DVD Player display settings

The Display settings page lets you control how video is displayed in the DVD Player.

To open the Display settings page



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

Display Size	Display video at 50%, 75%, 100%, or full screen.
Layout Preferences	<p>If the DVD video disc contains the appropriately formatted content, DVD video can be displayed with a width-to-height ratio of 4:3 (standard TV shape) or 16:9 (widescreen).</p> <p>Wide screen Displays the full image with a width-to-height ratio of 16:9 (for wide-screen TVs).</p> <p>Letterbox Displays the image with top and bottom borders (in 4:3 format, for a shorter but full-width image).</p> <p>Pan Scan Displays a 16:9 image formatted to fit a standard 4:3 screen; the image is full-height and 75% of the full width.</p>
Picture Quality Control	Move the Brightness slider to adjust the brightness of the display.
Options	<p>Keep Aspect Ratio Maintains the aspect ratio (width-to-height ratio) when you resize the display.</p> <p>Always on Top Always displays the Player on top of other windows.</p>
Tool Tips	<p>Show Tool Tips Displays helpful aids for using the Player.</p> <p>Show Shortcut Displays shortcut keys.</p>

DVD Player Preferences settings

The Preferences settings page lets you control how video is displayed in the DVD Player.

To open the Display settings page

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

Preferred Language	Select a 1st choice and a 2nd choice for your preferred language. <ul style="list-style-type: none">• The Player automatically selects the audio stream and sub-titles to match the 1st choice.• If the 1st choice is not available, the 2nd choice is used.• If neither 1st or 2nd choice is available, the Player uses the first available audio and sub-picture stream.• You can use the Sub-titles button to change languages during playback (see Setting up sub-titles on page 45).
Enable Subtitles Always	Always display subtitles.
Show Subtitles When Muted	Display subtitles whenever the audio is muted.

DVD Player Schedule settings

You can schedule events for the TV Player, CD Audio Player, TV Magazine, Video Capture, and Video CD.

To set up scheduled events

-  Click the Setup button in the DVD Player, then click the **Schedule** tab. See [Schedule](#) on page 52 for details.

Region codes

There are six region codes, or "country codes", which are used to prevent playback of certain discs in certain geographical regions. DVD players will not play discs that are not allowed in the region. The regions are:

Region 1	The U.S., U.S. territories and Canada.
Region 2	Europe, Japan, the Middle East, Egypt, South Africa, Greenland.
Region 3	Taiwan, Korea, the Philippines, Indonesia, Hong Kong.
Region 4	Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
Region 5	Russia, Eastern Europe, India, most of Africa, North Korea, Mongolia.
Region 6	China

To change region codes

- 1 Click **Start**, point to **Settings**, then click **Control Panel**.
- 2 Double-click **Add/Remove Programs**.
- 3 Click **DVD Player**.
- 4 Click **Add/Remove...**
- 5 Insert your DVD install CD or diskette
- 6 Select **Setup** to re-install the DVD player
- 7 Click **Next** at the welcome screen.
- 8 Click **Yes** at the license agreement.
- 9 Select **Express install**.
- 10 Select the desired region 1-6.
- 11 Click **YES** to confirm the change.

Note You can only change Region Codes five times.

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, TV Magazine, 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. When you click the Finish button, your event is added to the scheduled event list; checked items are active.

TV Out

NOTE

You must attach a TV before enabling TV out.

For information on attaching a TV, see the User's Guide for your ATI card.

You can connect a television set as your computer's display, and use your Multimedia Center to view computer output directly on your television in either NTSC or PAL formats, connect using Composite or S-Video output capabilities, and Display images on the TV and PC monitor simultaneously.

TV Out provides a big-screen experience for entertainment PCs that is ideal for playing games, giving presentations, watching movies, and browsing the Internet

To enable the television display

- 1 In the Windows taskbar, click **Start**.
- 2 Point to **Settings** .
- 3 Click **Control Panel**.
- 4 Double-click **Display**.
- 5 Click the **Settings** tab.
- 6 Check the **Television** checkbox to enable the television display.

For more information about television display, click Help.

