



**Gateway 610**  
Media Center PC  
User's Guide

Gateway®



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# SettingUp Gateway 610 Media Center PC

- Plan your Media Center PC setup
- Set up hardware and software

**ChapterOne**

# About your Gateway 610 Media Center PC

The Gateway 610 Media Center PC provides powerful computing and rich entertainment capabilities. You can run the Windows XP Media Center while using other programs or just enjoy the Windows XP Media Center in full-screen mode without using other programs.

Use the Media Center remote the same way you use remotes for other home entertainment systems. You can use the remote and Media Center to watch and record TV, play videos and music, and view pictures.

Use the wireless keyboard and mouse to run the Windows XP Media Center and other programs.



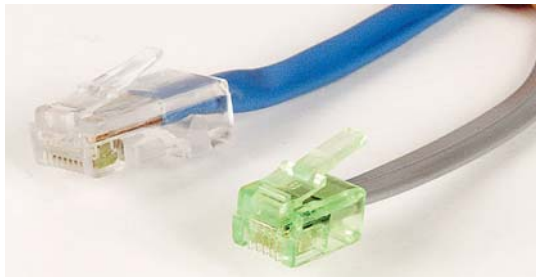


# Planning your Media Center PC setup

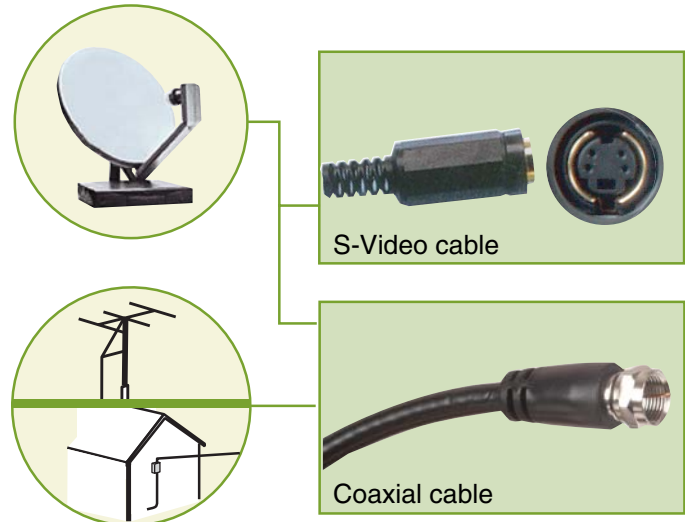
## Locating connections

You've probably already decided where you want to locate your Media Center PC, but before you start setting up the your PC, take a few minutes to make sure that all of these connections are available in the location you've selected.

- ▶ **Internet connection** — Your computer needs an Internet connection to update the Guide and to access the Internet. Make sure that you have access to a dial-up or broadband Internet connection before starting your Windows XP Media Center software setup. Contact your Internet service provider for more information about setting up your Internet connection. In addition to the modem and Ethernet jacks on the back of your Media Center PC, your Media Center PC may also include wireless Ethernet capabilities. For more information about connecting to a network with your wireless Ethernet hardware, see the networking user's guide included on the hard drive. To open the document, click **Start, Gateway Documentation**, then click **Networking User's Guide**.



- ▶ **Video source** — Make sure that you have access to a video source before starting your Media Center PC setup. Your Media Center PC receives video input from a coaxial or an S-Video cable. The video source usually comes from an antenna, a direct cable TV connection, a cable box, or a satellite receiver. Cable boxes and satellite receivers are also called *set-top boxes*.



# Setting up the hardware



1 **Connect the modem** (optional)



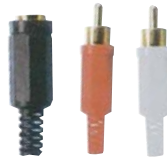
2 **Connect your broadband Internet** (optional)



3 **Connect the audio/video source**

A **coaxial** (TV in) connection carries both the audio and video signals.

If you use an **S-Video** connection, you will also need to connect audio using RCA stereo plugs.



4 **Connect the IR control cable** (optional)

Plug one end of the IR control cable into your PC, then stick the other end to the set-top box sensor window.



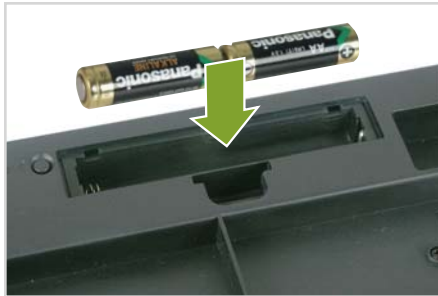
Remove the adhesive paper from the back of the IR control.



For detailed instructions about connecting the audio/video source (step 3), see page 6.

For detailed instructions about connecting the IR control cable (step 4), see page 7.

## 5 Install the keyboard, mouse, and remote batteries.



## 6 Plug in your PC



## 7 Turn on your PC



Press the power button on the top of your Media Center PC.

## 8 Connect wireless devices



keyboard sensor

mouse sensor

For detailed instructions about connecting wireless devices, see page 8.

# Connecting the audio and video source

Your Media Center PC has connectors for S-Video or coaxial (TV). Select the connector that your video source supports:

- **S-Video** — The video signal provides the highest quality video for your Media Center PC. If you use S-Video, you also need to connect the audio source using RCA stereo plugs.
- **Coaxial (TV)** — The video and audio signals are both carried on one cable. The coaxial cable is the way to connect a direct cable or an antenna video source to your Media Center PC.



## Tip:

The quality of the video coming into your Media Center PC determines the quality of the video output to the Media Center display device. A direct cable connection, cable set-top box, or satellite set-top box usually provides a better quality signal than an antenna. Use the highest quality video source available for best video display results.

The quality of cable used to connect the video source to your Media Center PC has an affect on the video output quality from your PC. Use high quality video cables to connect the video source to your PC.



## Caution:

If the video devices connected to your PC are not grounded correctly, your PC could be damaged. For more information about correct grounding, see the safety and regulatory information on page 87.

## S-Video

- 1 Connect an S-Video cable (not included) from a video source such as a cable set-top box, a satellite set-top box, or other video source device, to the S-Video In port on the back of your Media Center PC.
- 2 Connect an RCA cable (not included) from the Audio Out jacks on the video device to the Audio In RCA jack on the back of your Media Center PC.

- OR -

## Coaxial (TV)

- Connect a coaxial cable (not included) from a video device, such as a direct cable connection, a cable set-top box, a satellite set-top box, or an antenna, to the Coaxial In (TV) port on the back of your Media Center PC.



# Connecting the IR control cable (optional)

If your Media Center configuration uses a set-top box for the Media Center video source, connect the optional infrared (IR) control cable from your Media Center PC to the set-top box IR sensor window. The IR control cable sends input from the remote sensor to your set-top box to change channels.

- 1 Plug the IR control cable into the IR control port on the back of your Media Center PC.



- 2 Locate the IR sensor by shining a flashlight through the set-top box IR sensor window. Look for a 1/2 to 3/8 inch metallic rectangle with a 1/8 inch dark circle in the middle. This is the IR sensor.



- 3 Remove the adhesive paper from the back of the IR control.



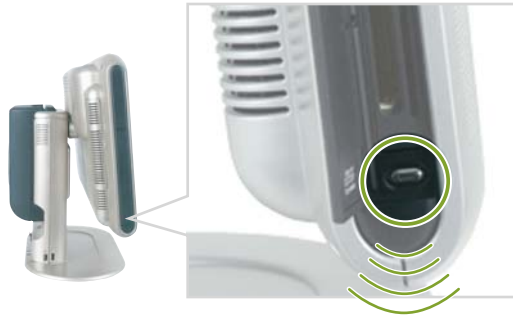
- 4 Place the sticky side of the IR control on the set-top box sensor window. Make sure that the IR control is placed directly in front of the IR sensor that you located in step 2.



**+** **Tip:** The Media Center PC IR control cable sends infrared signals to your set-top box or satellite receiver. However, some set-top boxes are set to receive radio frequency (RF) signals from the remote. Before using the Media Center remote, make sure that the set-top box is set to accept infrared signals. See your set-top box guide for information about remote settings.

## Connecting the wireless keyboard and mouse

- 1 Press and hold the connect button on the Media Center PC for about 3 seconds.



- 3 Press and hold the connect button on the Media Center PC for about 3 seconds.



- 2 Press and hold the connect button on the keyboard for about 3 seconds.



- 4 Press and hold the connect button on the mouse for about 3 seconds.



# Setting up the software

## 1 Complete the Windows XP setup

After you've turned on your computer, wait for it to start up, then follow the on-screen instructions.



## 2 Complete peripheral devices setup

Connect devices, such as a printer or scanner, after you complete the Windows setup. Follow the instructions that came with the device.

## 3 Start the Media Center setup wizard

After you've completed the initial Windows setup, press the Start button on your remote.



### Tip:

The Windows XP Media Center setup wizard requires Internet access to complete the Media Center software configuration. Before starting the Media Center setup wizard in step 3, make sure that your Internet connection is set up. Contact your Internet service provider for more information about setting up your Internet connection. Before starting the Windows XP Media Center setup wizard, check for Windows Updates to make sure that Media Center has the most recent software releases and security updates installed. For more information, see "Windows Update" on page 83.

## 4 Configure the Windows XP Media Center software for your specific requirements

Follow the on-screen instructions.







A side-profile photograph of a female cyclist in a white short-sleeved jersey with red trim and a purple and white helmet, riding a road bike on a paved road. The background is a blurred green field, suggesting motion. The text is overlaid on the right side of the image.

# Setting Up Media Center PC Optional Connections

- Connect an optional TV
- Connect to an existing sound system

# Setting up optional connections

## Connecting a TV (optional)

You can use a TV as an external display device. However, some older TVs provide a lower quality display than computer monitors or flat-panel TVs that are optimized for your Media Center PC.

The Gateway 610 Media Center PC provides a display output from the S-Video Out port. Connect the S-Video cable from the Media Center's S-Video Out port to the TV's S-Video In port. S-Video display quality is usually good for TV images. The display quality for computer functions, however, is not as good as the Gateway 610 Media Center PC's display. S-Video display output is not optimized for computer video display.



### Tip:

Many TVs use *interlaced video*. Interlaced video displays a video frame with two passes of alternating scan lines. The TV screen first displays the video image odd lines one at a time, sequentially from top to bottom, then it fills in the other half of the video image with the even lines. Because most TVs use this interlaced method to display the picture on the screen, a standard interlaced analog television will most likely flicker when displaying thin lines and small text. An interlaced video display device will produce a lower quality display, especially when viewing and using the Media Center computer functions.

*Progressive scan* video displays a video frame with one pass of sequential scan lines. A progressive scan TV displays the entire picture, drawn sequentially from top to bottom, without the odd/even interlacing. This results in a fuller, sharper picture, and better display quality for viewing and using the Media Center computer functions. The progressive scan picture is also brighter and easier on your eyes.



### Tip:

If you want the audio to play from the external TV you connected to, connect the Audio out jacks (analog or digital) to your TV Audio in jacks. If you do not connect the Audio out jacks to your TV, the sound will continue to play from your Media Center PC.



### Help:

By default, the Gateway 610 Media Center PC uses a screen resolution of 1280 x 768. Many TVs cannot display this high resolution and may shift, scramble, or scroll the picture. For a better picture on a TV display, you may need to lower the Windows XP Media Center screen resolution to 800 x 600 or 640 x 480. For more information about adjusting display settings, click **Start**, then click **Help and Support**. Type the keyword *changing display settings* in the Search box, then press **Enter**.

## To connect a TV

- 1 Connect an S-Video cable (not included) to the S-Video Out port on the back of your Media Center PC.



- 2 Connect the other end of the cable to the S-Video In port on the back of your TV.



- 3 Turn the TV on and select the TV In video source. For more information about selecting the TV In video source, see your TV's documentation.

## Connecting your Media Center PC to an existing stereo or home theater (optional)

If you purchased a sound system with your Media Center PC, use the setup poster and other documentation that was included with the sound system to set it up.

If you have an existing stereo or home theater, you can connect your Media Center PC to an existing sound system. Use:

- **1/8" stereo to RCA plug Y-cables** to connect the Media Center PC to an analog sound system.
- **Toslink digital cable** to connect your Media Center PC to digital audio inputs (S/PDIF).



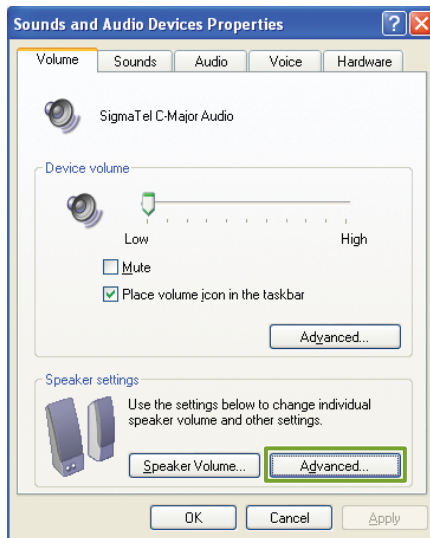
### Tip:

The audio system setup varies depending on your sound system audio inputs. See your sound system's user guide for more information about connecting audio inputs.

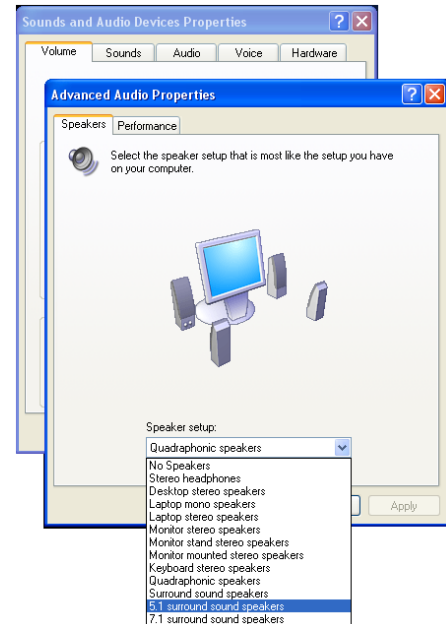
After you've connected your sound system, you need to select your speaker setup options.

### To select speaker options in Windows XP Media Center 2004

- 1 Click **Start, Control Panel, Sounds, Speech, and Audio Devices**, then click **Sounds and Audio Devices**. The *Sounds and Audio Devices Properties* dialog box opens.
- 2 Click the **Volume** tab, then click the **Advanced** button in the Speaker Settings section. The *Advanced Audio Properties* dialog box opens.



- 3 Click the **Speakers** tab, click the arrow button to open the **Speaker setup** list, then click the speaker setup that most closely matches your sound system type.



- 4 Click **OK** to save your speaker setup.





# Getting Started

- Learn about your Gateway 610 Media Center PC
- Start the Media Center PC
- Use your Media Center PC
- Learn about the remote
- Learn about the wireless keyboard

**Chapter Three**




# Checking out your Media Center PC

## Front



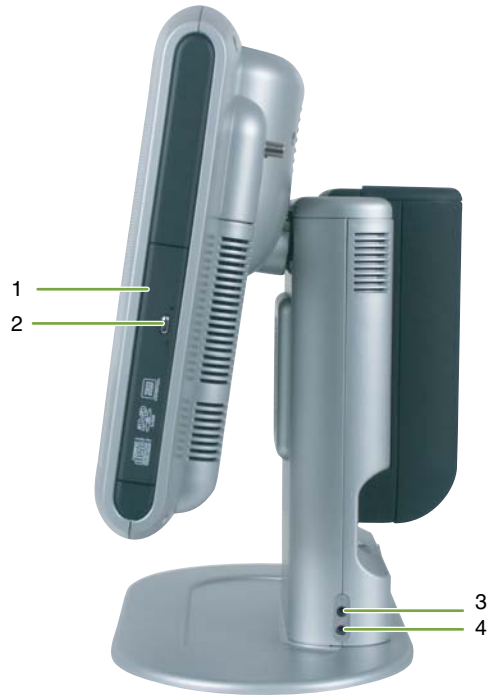








# Left side

Item	Component	Icon	Description
1	Front speakers		Provides audio output when headphones or amplified speakers are not plugged in.
2	Infrared receiver		Receives Infrared (IR) signals from the remote.
3	USB port		Plug USB (Universal Serial Bus) devices (such as a USB printer, scanner, camera, keyboard, or mouse) into these ports.
4	IEEE 1394 port		Plug an IEEE 1394 (also known as Firewire® or i.Link®) device, such as a digital camcorder, into this 6-pin IEEE 1394 port.
5	Memory Stick Pro card reader		Transfer files from a digital device to your Media Center through the removable memory card drive.
6	SecureDigital (SD) / MultiMedia Card (MMC) card reader		Transfer files from a digital device to your Media Center through the removable memory card drive.
7	CompactFlash / MicroDrive card reader		Transfer files from a digital device to your Media Center through the removable memory card drive.
8	SmartMedia (SM) card reader		Transfer files from a digital device to your Media Center through the removable memory card drive.
9	Connect button		Press to sync the wireless connections between the Media Center PC, keyboard, and mouse. See the setup instructions on page 7.



## Right side

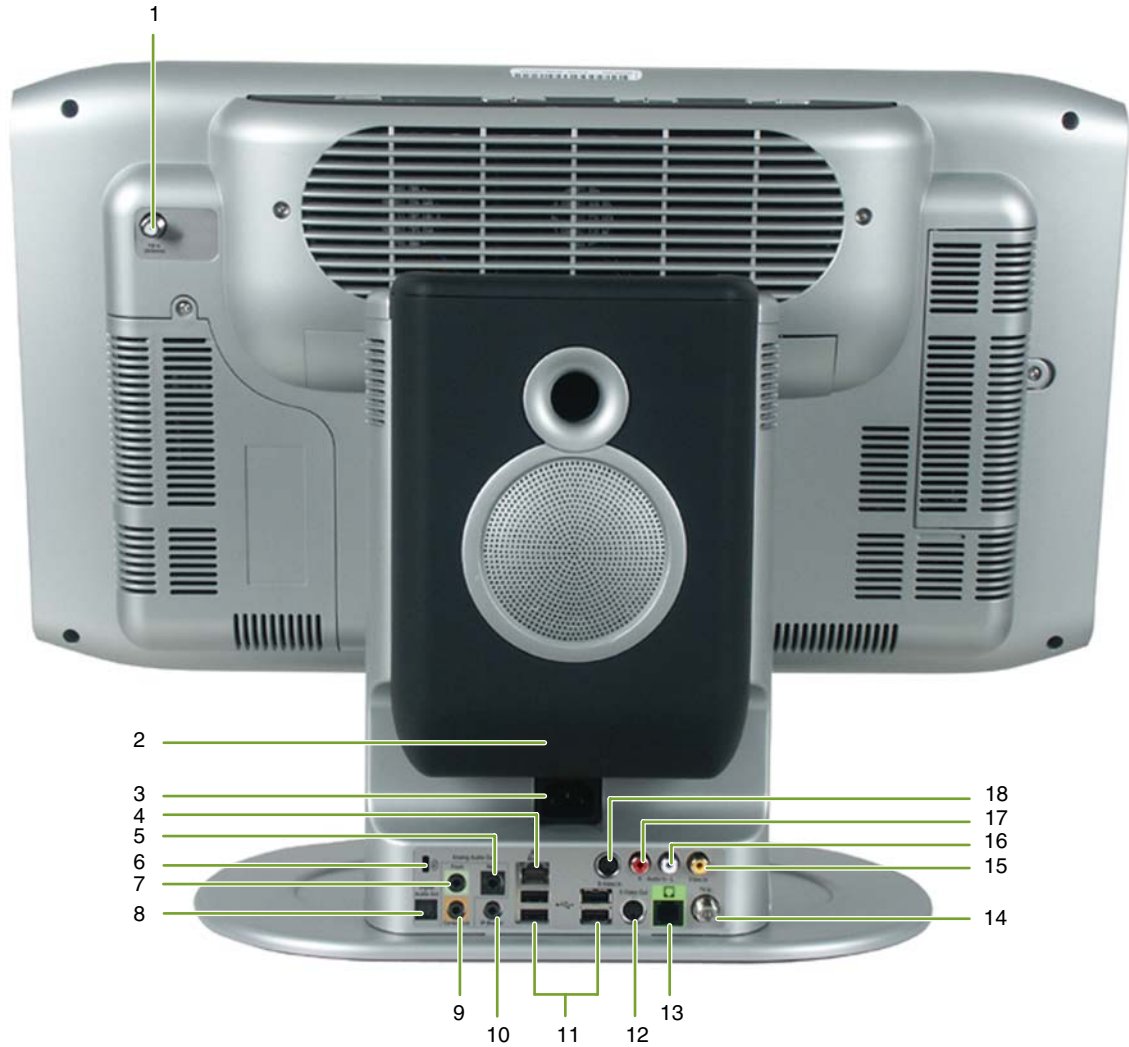






Item	Component	Icon	Description
1	Combination DVD +R/+RW DVD -R/-RW CD-R/-RW (recordable DVD and CD drive)	  	Use this drive to listen to audio CDs, install games and programs, watch DVDs, and store large files onto recordable CDs and DVDs (recordable DVD is optional)
2	DVD/CD drive eject button		Press to open the CD/DVD tray.
3	Microphone jack		Plug an external microphone into this jack to record or transmit voice files.
4	Headphone jack		Plug amplified speakers or headphones into this jack.
5	Brightness - button		Press to reduce the display brightness.
6	Brightness + button		Press to increase the display brightness.
7	Channel - button		Press to change the channel to a lower channel number.
8	Channel + button		Press to change the channel to a higher channel number.
9	Volume - button		Press to reduce the volume level.
10	Volume + button		Press to increase the volume level.
11	Power button		Press to turn your PC on or off. Press and hold for a few seconds to put your PC in standby mode.

# Top



# Back



Item	Component	Icon	Description
1	FM In antenna (external coaxial connector)		Connect an external FM antenna into this port.
2	Subwoofer speaker		Provides subwoofer audio output when headphones or amplified speakers are not plugged in.
3	Power connector		Plug the AC adapter cable into this connector.
4	Ethernet jack		Plug 10/100 Ethernet network cable into this jack. For more information about networking, see the “Networking Your Computer” guide. Click <b>Start, All Programs, Gateway Documentation</b> , then click the networking guide.
5	Rear Analog Audio Out jack (line out)		Plug powered, analog rear speakers or an external amplifier into this jack. Use a 1/8” stereo to RCA plug Y-cable.
6	Kensington lock slot		Secure your computer to an object by connecting a Kensington cable lock to this slot.
7	Front Analog Audio out jack (line out)		Plug powered, analog front speakers or an external audio amplifier into this jack. Use a 1/8” stereo to RCA plug Y-cable.
8	Digital Audio Out jack (S/PDIF)		Plug an optical (Toslink) digital audio cable into this jack.
9	Center/subwoofer Analog Audio Out jack (line out)		Plug powered, center/subwoofer speakers or an external audio amplifier into this jack. Use a 1/8” stereo to RCA plug Y-cable.
10	IR Control (controller) port		Plug the IR control cable into this port. Sends input from the keyboard or remote to a set-top box to change channels.
11	USB ports (4)		Plug USB (Universal Serial Bus) devices (such as a USB printer, scanner, camera, keyboard, or mouse) into these ports.
12	S-Video Out port		Plug an S-Video device, such as a monitor or camcorder, into this port.
13	Modem jack		Plug an RJ-11 modem cable into this jack.
14	TV In jack (coaxial)		Plug a coaxial cable from a video source, such as cable, satellite, or antenna, into this jack.
15	Video In jack (RCA)		Plug an RCA cable from a video source, such as a VCR, into this jack.
16	Audio In jack (left channel)		Plug an RCA cable from a left channel audio out jack, such as cable, satellite, or antenna, into this jack.
17	Audio In jack (right channel)		Plug an RCA cable from a right channel audio out jack, such as cable, satellite, or antenna, into this jack.
18	S-Video In port		Plug an S-Video device, such as cable, satellite, or antenna, into this port.

# Starting the Windows XP Media Center

You can take full control of the Windows XP Media Center from your wireless keyboard, remote, and mouse. Use the device that is comfortable for you.

## To start Windows XP Media Center from the Start menu

- Click **Start**, then click **Media Center**.



## To start Windows XP Media Center with the remote




- Press the Start  button on the remote.



# Using the Windows XP Media Center

You can switch to the Microsoft Windows desktop at any time. Windows XP Media Center will continue to run in the background.

## To switch between the Windows XP Media Center and the desktop

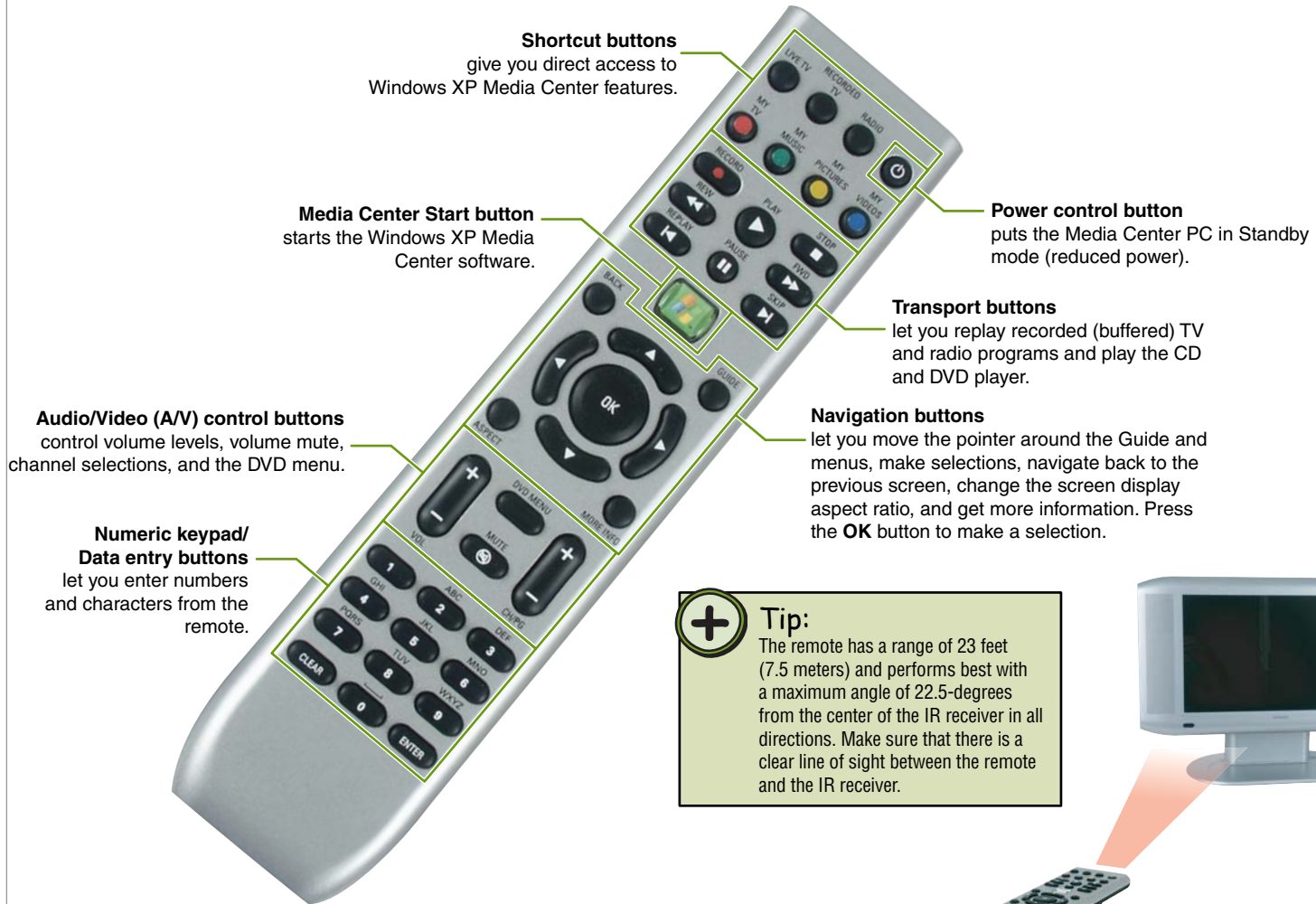
- Click the minimize button to view the desktop. 
- Click the maximize button to expand the active window to fit the entire screen. 
- Click the Windows XP Media Center taskbar button or the Start  button on the keyboard or remote to return to the Windows XP Media Center.



The Windows XP Media Center menu bar and transport controls toolbar appear when you move the mouse. Use the keyboard, remote, or mouse to make selections.



# Learning about the remote





# Using the remote

Use the Media Center remote to watch TV, videos, and DVDs, to listen to music, and to view pictures.

Use the remote *navigation buttons* to highlight a Windows XP Media Center menu option, then press the **OK** button to select the menu option.



- OR -

Press one of the menu *shortcut buttons* on the remote for direct access to a Windows XP Media Center menu.



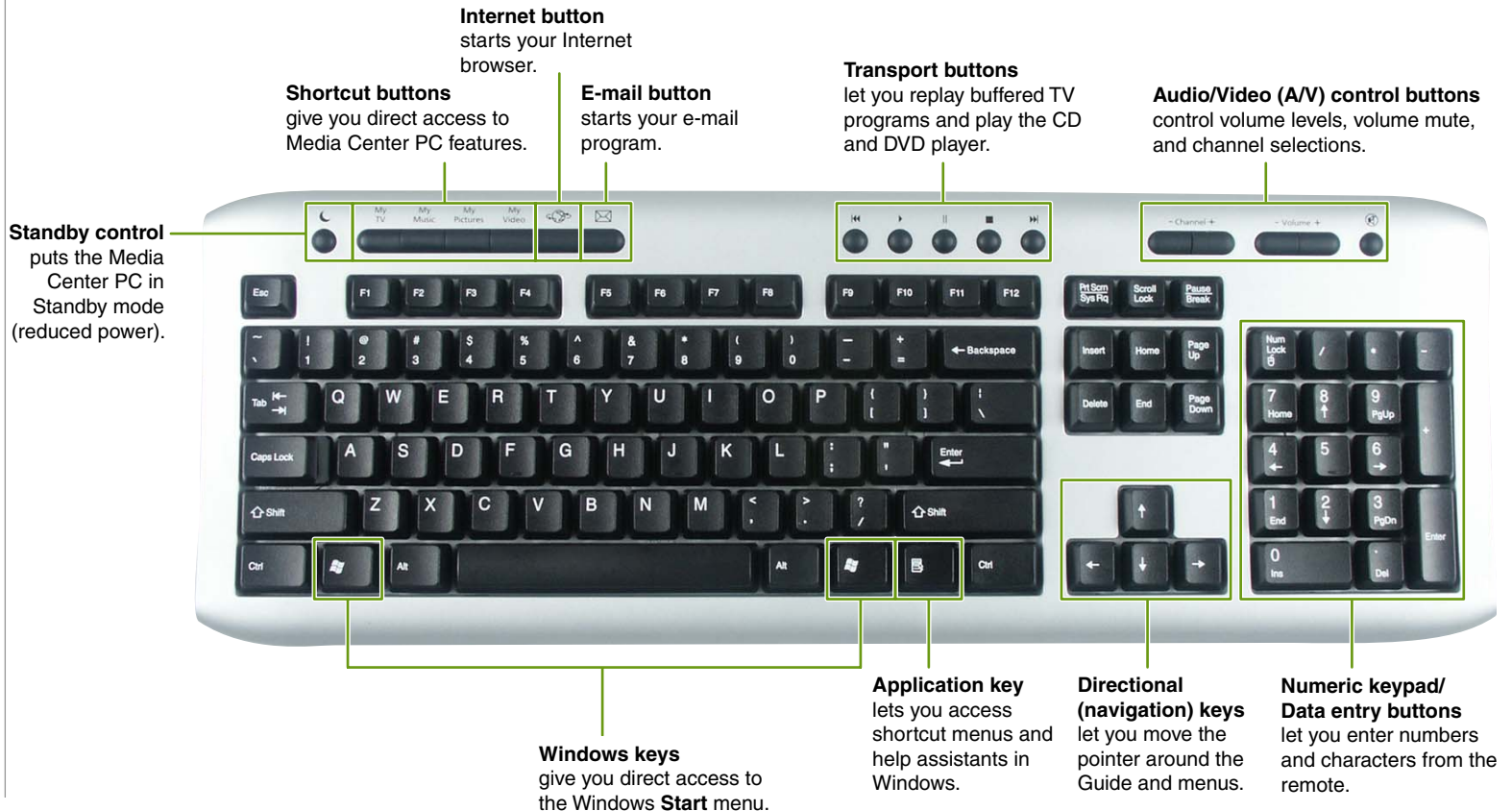
# Learning about the keyboard

Use the keyboard to navigate and select the Windows XP Media Center menus and options and perform other activities such as typing an e-mail.



## Tip:

The keyboard has a range of 6.5 feet (2 meters) and performs best with a maximum angle of 85 degrees from the center of the screen in all directions.



# Using MyTV

- Watch Live TV
- View the Guide and select TV programs
- Schedule, record, and sort TV program recordings.
- Search for programs by categories, title, or keyword.
- Change My TV settings

# Watching TV

You can take control of your TV viewing experience with My TV. Use My TV to watch TV, record TV, watch buffered (time-shifted) TV, watch recorded programs, search for programs, change TV settings, and more.

While watching My TV or using the Guide, you can press the **More Info** button on the remote to view more information about the selected program.

## To watch a TV program

- 1 On the remote, press the **My TV** button. The last viewed TV channel is displayed.



- 2 On the remote, press the **CH/PG +** or **CH/PG -** button to change channels, enter a channel on the remote's numeric keypad, select channels from the Guide, or search for a TV program by category, title, or keyword.

## To view a TV program in full-screen mode



- 1 With My TV on, navigate to highlight Live TV.



- 2 Press the **OK** button to maximize the TV viewing window to full-screen mode.

## To exit the full-screen mode

With My TV in full-screen mode, press the remote's **Back** navigation button. The previous Windows XP Media Center screen is displayed.

 **Help:** If you prefer, you can use the computer keyboard instead of the remote to control My TV. The arrow keys on your keyboard work as the navigation buttons. For other commands, use the keyboard shortcuts described in the Windows XP Media Center Help. To open Media Center Help, move the mouse to activate the menu bar, then click the Help button .

# Using the remote to play TV recordings

My TV automatically records TV programs to a program buffer as you watch TV. When you stop or pause live TV programs, My TV continues recording (buffering) the program for up to 30 minutes so you can watch the program where you previously left off. You can also

press the **Replay** button, while watching a program, to rewind and replay a segment of the program. Use the remote transport buttons or the transport controls toolbar (activated by moving the mouse), to control Live TV and recorded TV playback.

Remote button	Press:
Pause 	<b>Pause</b> to freeze the live TV image. While paused, My TV continues to record the program for up to 30 minutes. If you paused live TV for more than 30 minutes, you cannot play the show from the exact point where you paused it.
Stop ■	<b>Stop</b> to halt live TV. My TV continues to record the program for up to 30 minutes. If you stop live TV for more than 30 minutes, you cannot play the broadcast from the exact point where you stopped it.
Play ▶	<b>Play</b> to resume watching TV where you left off when you pressed the Pause or Stop button. Press the <b>Stop</b> button to stop viewing live or recorded TV.
Fwd ▶▶	<b>Fwd</b> (Fast forward) to advance through a live TV or recorded program that has been stopped or paused and recorded to the program buffer. Press the <b>Fwd</b> button a second or third time to increase the fast forward speed.
Rewind ◀◀	<b>Rew</b> (rewind) to go back in a program that has been stopped or paused and recorded to the program buffer. Press the <b>Rew</b> button a second or third time to increase the rewind speed.
Skip ▶	<b>Skip</b> once to advance 29 seconds through a recorded program that has been stopped or paused and recorded to the program buffer. You can press the <b>Skip</b> button repeatedly, but only until you reach the end of the program buffer.
Replay ◀◀	<b>Replay</b> once to go back 7 seconds in a live TV or recorded program that has been stopped or paused and recorded to the program buffer. You can press replay repeatedly, but only until you reach the beginning of the program buffer.

## To rewind and replay a buffered TV program

- On the remote, press the **Rew** ◀ button until you locate the point on the TV program that you want to replay, then press the **Play** button. The buffered program plays and live TV continues to record to the buffer.



### Tip:

My TV buffers 30 minutes of TV program segments. You can replay buffered TV programs for up to 30 previous minutes of the program's broadcast. If you want to replay longer TV programs or save them to watch later, use the My TV record features. For more information, see "Recording TV programs" on page 35.




### Tip:

When you change channels, the program buffer deletes the buffer content from the current channel and begins recording the new channel to the program buffer.



### Help:

For more information about watching buffered TV programs, see topics in *About My TV* section of the Windows XP Media Center Help. To open Media Center Help, move the mouse to activate the menu bar, then click the Help button .

## To pause or stop and replay a buffered TV program

- On the remote, press the **Pause** || or **Stop** ■ button at the point on the TV program that you want to pause or stop the program. Live TV continues to record to the buffer for up to 30 minutes.



- Press the **Play** button when you want to return to watching the program. The program starts playing from the point where you paused it.

You can continue watching the time buffered program or fast forward, rewind, skip, or replay segments that were buffered. If you want to return to Live TV and skip past the buffered broadcast segments, press the **Live TV** button.

# Using the Guide

The Guide displays channel and TV program information, TV program titles, descriptions, categories, ratings, and program times. You can view and scroll through the list of current and future TV shows in the Guide. When you select a program title, information about the program displays below the program listings.

Use the Guide to select programs to watch, set up program recordings, and search for TV programs.

## To start the Guide

On the remote, press the **Guide** button. The Guide opens.



**?** **Help:** For information about watching Pay-Per-View programs on your Media Center PC, see topics in *About the Guide* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button.

## To select a program listed in the Guide

- 1 With the Guide open, press the up ▲, down ▼, left ◀, or right ▶ remote navigation buttons to scroll through the TV listings line-by-line.

- OR -

Press the **CH/PG +** or **CH/PG -** buttons on the remote to scroll through the TV listing page-by-page.



- 2 Highlight the program you want to watch and press the **OK** button. One of the following will occur:
  - If the program is currently broadcasting, the window will maximize and display the program.
  - If the program is scheduled to broadcast at a later time, a detailed program information page opens. You can select a recording option.

## Manually updating the Guide

When you use the Windows XP Media Center setup wizard, you can be set up the Guide to automatically download program information from your cable or satellite service provider. However, if your Internet Service Provider does not support automatic Guide updates or if the Guide needs to be updated for another reason, you may need to update the Guide manually to refresh the program listings.

### To manually update the Guide

- 1 Before starting the Windows XP Media Center, make sure that you connect to the Internet.




#### Tip:

The Windows XP Media Center requires Internet access to update the Guide. Make sure that you connect to your Internet connection before continuing the manual Guide update instructions. Contact your Internet Service Provider for more information.



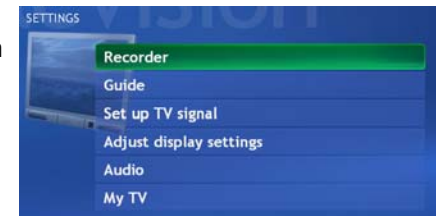
#### Help:

For more information about using and configuring the Guide, see topics in *About the Guide* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .

- 2 On the remote, press the **My TV** button. The Windows XP Media Center My TV starts.



- 3 Navigate to **Settings**, then press the **OK** button. The *Settings* menu opens.




- 4 Navigate to **Guide**, then press the **OK** button.
- 5 Navigate to **Get Guide** data, then press the **OK** button. A message asks if you want to update the Guide information now.
- 6 Navigate to **Yes**, then press the **OK** button. The Windows XP Media Center downloads Guide updates.




# Recording TV programs


Your Media Center PC lets you record the program you are watching, record a program that is scheduled to broadcast later, or record a recurring program series.


## To record the program you are watching

- 1 Use the remote channel selector **CH/PG +** or **CH/PG -** buttons, numeric keypad, or the Guide to choose the program that you want to record.
- 2 On the remote, press the **Record**  button. The program recording starts.




- 3 To end the program recording, press the **Stop**  button or let the recording stop automatically when the current program is over.

 **Tip:**  
When recording a program, you can only watch the program that is recording. If you change channels during a program recording, the recording stops.


 **Tip:**  
To record programs to the hard drive, your Media Center PC must be turned on, in standby mode, or hibernate mode. For more information about using standby and hibernate, Click **Start, Help and Support**, then search for the keywords *standby* or *hibernate*.

## To set up a recording from the Guide

- 1 On the remote, press the **Guide** button. The Guide opens.
- 2 Highlight the TV program you want to record, then press the **Record**  button. The record icon appears next to the program to indicate the recording has been scheduled.



The program automatically records when the scheduled program begins broadcasting and stops recording when the program broadcast ends.

 **Tip:**  
The Guide is available to multiple user accounts on the Windows XP Media Center. However, the program recording schedules are shared among all accounts. A program recording conflict message appears if a user tries to schedule a recording for a time that has already been scheduled.




### Tip:


When you schedule to record a program series, the Windows XP Media Center records each series episode from any channel that broadcasts the program series. Windows XP Media Center will not record duplicate programs from the series and it will look for alternative broadcasts times if a recording time conflict occurs.



### Help:

For more information about recording programs manually, recording programs from search, and other recording methods, see topics in *Record TV* located under the *My TV* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .

## To set up a recording for a program series

- 1 On the remote, press the **Guide** button. The Guide opens.
- 2 Highlight the program you want to record, then press the **Record**  button two times to record a program series. The record series icon appears next to the program to indicate that the recording has been scheduled for all programs in this series. The program automatically records each time the scheduled series broadcasts from any channel and stops recording when the program broadcast ends.



## To change program recording settings


- 1 On the remote, press the **Guide** button. The Guide opens.
- 2 Highlight the program that you have scheduled to record, then press the **OK** button. The Program Info window opens.



- 3 Highlight a menu option, press the **OK** button, then change the record settings to your preferences.



### Help:

For more information about managing Recorded TV, see topics in *Record TV* located under the *Manage Recorded TV* section of the Windows XP Media Center Help. To open Media Center Help, move the mouse to activate the menu bar, then click the Help button .

# Using Recorded TV

Use Recorded TV to view and manage your program recordings. After you have recorded TV programs, go to Recorded TV to sort programs by date, name, and category. You can also schedule new program recordings and watch and manage scheduled program recordings.

## To watch and manage Recorded TV

- 1 On the remote, press the **My TV** button. The Windows XP Media Center starts.
- 2 Navigate to **Recorded TV**, then press the **OK** button. The *Recorded TV* menu opens. A list of previously recorded and currently recording programs is displayed.



**+** **Tip:** On the remote, you can also press the **Recorded TV** button for a shortcut to access Recorded TV.

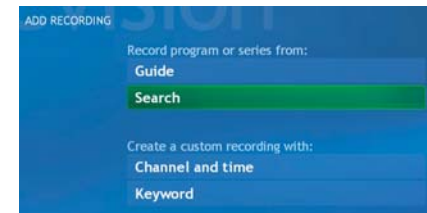
In Recorded TV you can:

- Select **Sort by date**, **Sort by name**, or **Sort by category** to set your program list viewing preference.



To play, delete, or keep a recorded program until a specified date, navigate to a recorded program, then press the **OK** button. Select the program option.

- Select **Add recording** and schedule a new program recording with **Guide or Search**, with **Channel and time**, or by **Keyword**.



- Select **Scheduled** to view and manage future program recording options.



# Changing My TV Settings


Use My TV Settings to customize the Windows XP Media Center My TV. You can adjust settings for the TV recorder, Guide, TV signal, display settings, audio, and My TV.

## To use the Settings menu

- 1 On the remote, press the **My TV** button. The Windows XP Media Center starts.
- 2 Navigate to **Settings**, then press the **OK** button. The *Settings* menu opens.



### Help:

For more information about the My TV Settings options, see topics in *Change settings for My TV* located under the *My TV* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .

In Settings you can:


- Select **Recorder** to view the TV program recording history log, change drive storage settings (such as how much disk space to allocate for program recordings), and change the TV program recording quality setting. Also, you can see how much recording time has been used, how much is available for recording new programs, what the recording default settings are, and more.
- Select **Guide** to edit the Guide listings, add missing channels to the Guide, reset the Guide lineup, and update the Guide information.
- Select **Set up TV signal** to choose the video source, such as cable, satellite, or antenna, that is connected to your Media Center PC.
- Select **Adjust display settings** to adjust the video settings for the display.
- Select **Audio** to set audio, captioning, and captioning display options.
- Select **My TV** to choose whether to automatically start playing the TV after starting My TV or whether to start playing the TV only when you select Live TV.

# Burning recorded TV programs to DVD

After you have recorded a TV program, you may want to save the program to a DVD to watch on another computer that has a DVD player or your home DVD player. Use Sonic PrimeTime to copy the recorded program to a DVD (a recordable DVD drive is optional for the Gateway 610 Media Center PC).

**+** **Tip:** Record TV programs to DVD on type DVD-R, DVD-RW, DVD+R, DVD-R, and other recordable DVD media. Record TV programs to CD on type CD-R, CD-RW, and other recordable CD media.

## To use Sonic PrimeTime

- 1 Press the Start  button on the remote. The Windows XP Media Center menu is displayed.
- 2 Highlight **Create DVD**, then press the **OK** button. The Media Center minimizes and Sonic PrimeTime opens.



**+** **Tip:** If your Gateway 610 Series Media Center does not include a recordable DVD drive but includes a recordable CD drive, you can change the recording device option to Video CD (VCD) and record TV programs to a CD. The program will record in a lower quality video format, but will compress to fit on a CD. To change the recording device, click **Settings, General, Recording Devices**, then select the type of recording device you want to record programs to.

- 3 Use **Sort by date**, **Sort by name**, or **Sort by category** to locate the recorded TV program you want to record to DVD.
- 4 Use the remote to highlight the TV program or programs that you want to record, then press the **OK** button.

As you select TV programs, check marks appear beside the programs and the DVD icon shows the recording space available on the DVD.



- 5 After you have selected the TV programs you want to record, highlight **Burn DVD**, then press the **OK** button. A message tells you that running additional programs while burning a DVD may cause the recording to fail.
- 6 If you have a number of programs running, close the programs, then click **OK**. The TV programs burn to the DVD.




### Tip:

Recordable DVDs have a 4.7 GB maximum capacity. If the TV program you want to record is long enough to require more than 4.7 GB of recording space, you can reduce the Windows XP Media Center program recording quality setting before recording the program. The record quality setting options are Fair, Good, Better, or Best:

Recording quality	Approximate GB/hour
Best	3.0
Better	2.5
Good	2.0
Fair	1.0

Lowering the recording quality reduces the TV program recording space requirement, which may reduce the TV program file size enough for the program to fit on a recordable DVD (depending on the TV program length).

For more information about setting the recorded image quality option, see the topics in *Change settings for My TV* located under the *My TV* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .



# Using My Music

- Browse music selections
- Search for music by titles and keywords
- Play music
- Add songs and audio files to the Media Library
- View music CD information such as artist name, song title, album cover art, and more.

## Chapter Five

# Getting started with My Music

My Music lets you enjoy a complete music experience from the Windows XP Media Center. You can listen to CDs, view artists information, create your own music playlists, categorize and listen to music by genres, search for music selections, and more.

The Windows XP Media Center lets you play these digital audio file types:

File type (format)	File extension
CD audio	.cda
Windows Media audio files	.asx, .wm, .wma, .wmp, .wmx
Windows audio files	.wav
MP3	.mp3 and .m3u



## Tip:

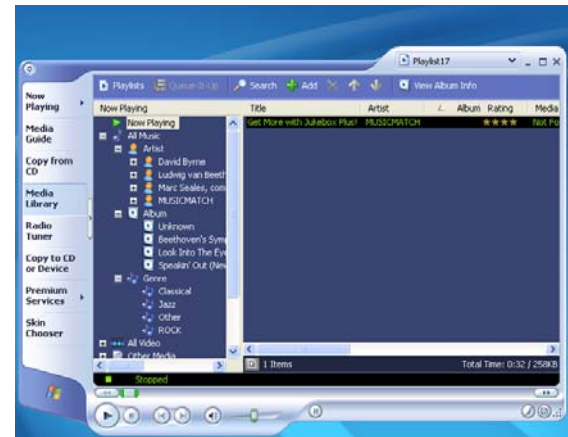
Additional audio formats may be supported if you install new codecs (compressor/decompressor software used to compress and decompress digital media files) to play the audio file.

## Adding music files to the Media Library

The Windows XP Media Center My Music works with the Windows Media Player. Use the Windows Media Player to add, delete, categorize, and organize music. Then use the Windows XP Media Center My Music to view, sort, play, and search for music.

### To add music files on your Media Center PC to the Media Player's Media Library

- 1 With the mouse, click **Start**, then click **Windows Media Player**. Windows Media Player opens.




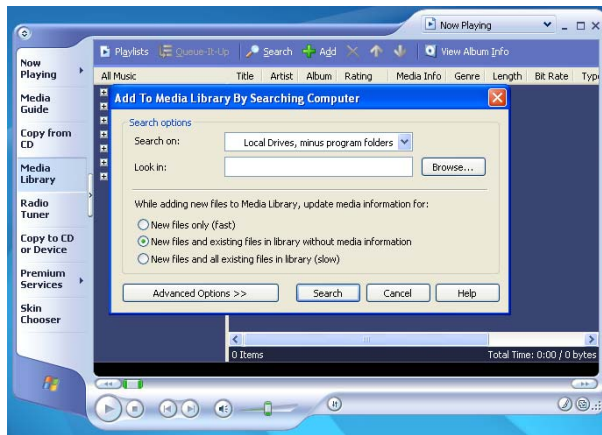
- 2 On the left side of the Media Player, click **Media Library**. The first time you click Media Library, a message tells you that the Media Player needs to search your Media Center PC for music files.





3 If this is the first time you've added music files to the Media Library, click **Yes**. The Media Player searches for all music files on your Media Center PC and adds them to the Media Library.

- OR -

If you want to add new music files to the Media Library, click the show menu bar arrow  to display the menu bar, click **Tools**, then click **Search for Media Files**. The **Add To Media Library By Searching Computer** dialog box opens.



Select search options, then click **Search**. The Media Player searches for music files on your Media Center PC and adds them to the Media Library.

 **Help:**  
You can add music CD files to the Media Library in Media Center's My Music, however you cannot delete, move, rename, and organize music files with My Music features. For a variety of music file management capabilities, use the Media Player's My Library features. For more information about managing music files, see topics in *Add songs and audio files to the Media Library* located under the *My Music* section of the Windows XP Media Center Help. To open Media Center Help, move the mouse to activate the menu bar, then click the Help button .

## Adding music CDs to the Media Library

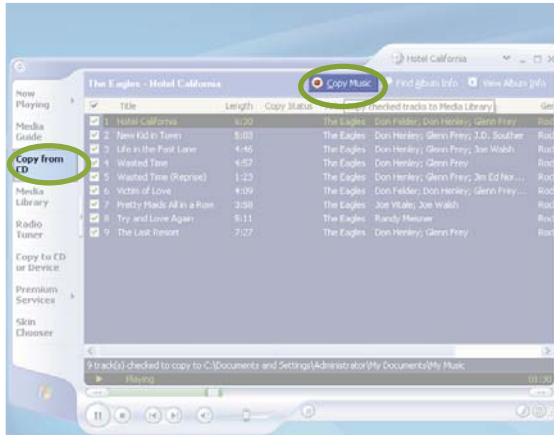
You can add and organize your personal CD collection with the Media Player's Media Library, then use the Windows XP Media Center as your personal jukebox to play and enjoy your music. First use Media Player to copy, add, delete, move, create personal playlists, rename files on the hard drive, and more.

After you've customized your music files using the Media Library, then use the Windows XP Media Center to play music and view song, track, and artist information.

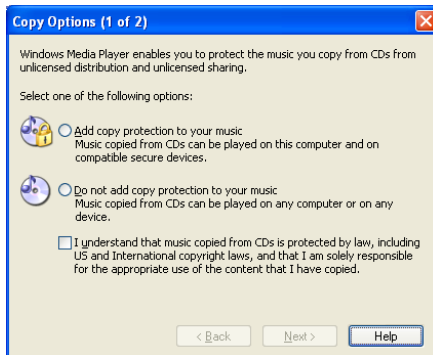
### To add music files from a CD to the Media Player's Media Library

- 1 With the mouse, click Start, then click Windows Media Player. Windows Media Player opens.
- 2 Insert the CD you want to add to the Media Library.

- 3 On the left side of the Media Player, click **Copy from CD**, then click **Copy Music**.



The **Copy Options (1 of 2)** dialog box opens.



- 4 Click **Add copy protection to your music**, then click to select the check box next to the copyright statement. You must agree to the copyright statement and select the check box next to the copyright statement before you can continue copying the CD to your Media Center PC.

- 5 If you agree to the copyright statement, click **Next**. The **Copy Options (2 of 2)** dialog box opens.

- OR -

If you do not agree to the copyright statement, click **X** to close the dialog box and stop copying the CD to your Media Center PC.

- 6 Click **Change my current format settings** or **Keep my current format settings**, then click **Finish**. The CD copies to the hard drive.

**+** **Tip:** When adding music files to the Media Library and playing files from the Windows XP Media Center, make sure that you're connected to the Internet to display CD information such as artist information, CD artwork, song titles, and more.

# Playing My Music

You can play music CDs with Windows XP Media Center's My Music. After you've added your CD collection to the Media Player's Media Library, you'll have a variety of music to listen to directly from your Media Center PC. You can play individual songs, CDs (albums), shuffle play, and customize your music files for special occasions with a personalized music playlist. After you've tailored music files with the Media Library, sit back and enjoy listening to your favorite music with the Windows XP Media Center.

## To listen to a CD in the Windows XP Media Center

- 1 Insert the CD you want to listen to.
- 2 If the Windows XP Media Center TV or Guide is open, Media Center asks if you want to play the CD. Highlight **Yes**, then click **OK**.

- OR -

If the Windows XP Media Center is not open, the default music player may start playing the CD. If you want the Windows XP Media Center to be your default CD player, see "To set Windows XP Media Center as the default CD player" on page 48.

- OR -

Press the **My Music** button. The *My Music* menu opens.

- 3 Highlight the CD selection, highlight **Play** or **Shuffle**, then press the **OK** button.

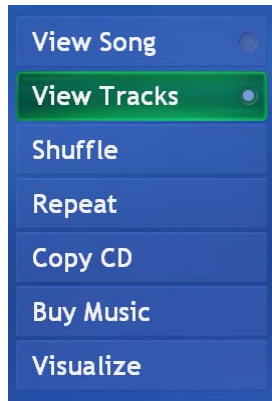


The *Now Playing* menu opens and the CD plays.



You can also:

- Select **View Song** to view the CD cover artwork and the currently playing song's title.



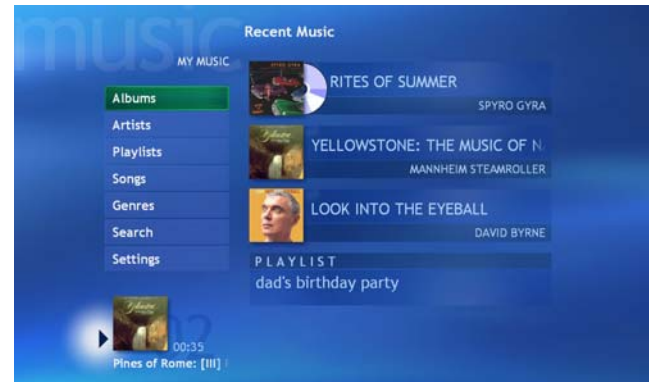
- Select **View Tracks** to view a list of all the tracks on the CD.
- Select **Shuffle** to randomly arrange the music play selections.
- Select **Repeat** to repeat play the CD.
- Select **Copy CD** to copy the CD to the hard drive and add the music files to the Media Library for future listening (also see “Adding music CDs to the Media Library” on page 43). You can

also set audio, captioning, and captioning display options.

- Select **Buy Music** to search for and purchase CDs.
- Select **Visualize** to display interesting visual patterns on-screen while your music plays.

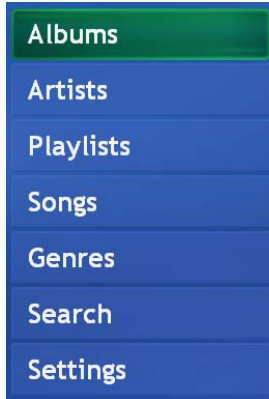
## To listen to the Media Library music from the Windows XP Media Center

- 1 On the remote, press the **My Music** button . My Music opens.



2 You can:

- Select **Albums** to play music, from your Media Library.



- Select **Artists** to view and play music from a list of all artists in your Media Library.

- Select **Playlists** to view and play music from your custom playlists or from auto-created playlists.

- Select **Songs** to view and play music from an alphabetized list of music files.

- Select **Genres** to view and play music from music


categorized by genre, such as classical, jazz, new age, and rock.

- Select **Search** to search for music by a song title.
- Select **Settings** to change the visualizations options.

3 After you've selected your music, click **OK**. The selections play.

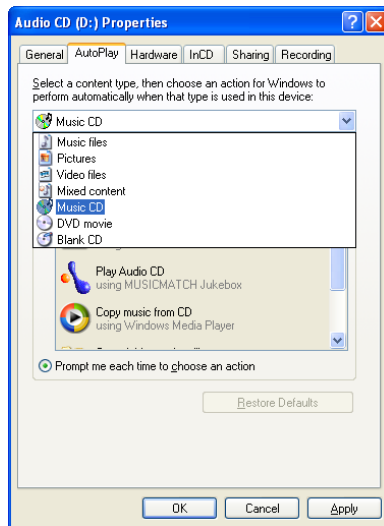


#### Help:

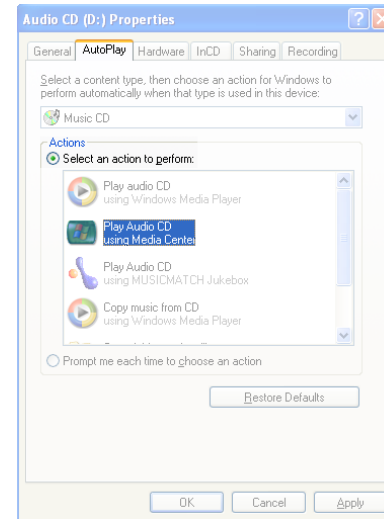
For more information about methods to browse and select music files, see topics in Browse *My Music* and *Play Music* located under the *My Music* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .

## To set Windows XP Media Center as the default CD player

- 1 With the mouse, click **Start**, then click **My Computer**. The *My Computer* window opens.
- 2 Right click the **Audio CD (D:)** drive, then click **Properties**. The *Audio CD (D:) Properties* dialog box opens.
- 3 Click the **AutoPlay** tab. The AutoPlay tab is displayed.
- 4 Click **Music CD** in the **Select a content type** list.



- 5 Click **Select an action to perform, Play Audio CD using Media Center** under **Actions**, then click **OK**.





# UsingMy Pictures

- Manage and add pictures to your photo library
- Browse and search for pictures
- View and touch up pictures
- Print and share pictures
- Watch pictures as slide shows
- View picture details such as file name, file date, picture pixel size, where the picture is stored, and more.

# Getting started with My Pictures

The Windows XP Media Center's My Pictures makes it easy and fun to look at your digital photos. My Pictures lets you view your pictures individually or as a slide show. You can organize and sort pictures by name or date.

Use the keyboard, mouse, or remote to browse your pictures. While browsing pictures or watching a slide show, you can press the **More Info** button to view more information about a picture, make adjustments to a picture, and print a picture.

The Windows XP Media Center lets you view these digital image file types:

File type (format)	File extension
Joint Photographic Experts Group	<b>.jpg, .jpeg</b>
Tagged Image File Format	<b>.tif</b>
Graphics Interchange Format	<b>.gif</b> (animated .gif files are not supported)
Bitmap	<b>.bmp</b>
Windows MetaFile	<b>.wmf</b>
Portable Network Graphics	<b>.png</b>

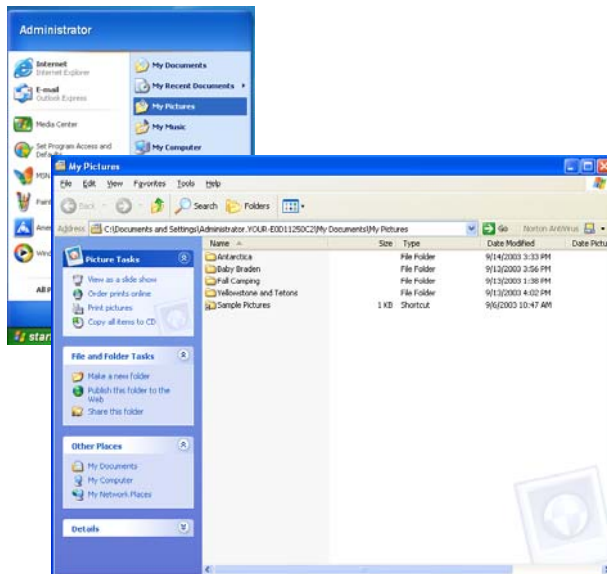


# Organizing picture files

To view pictures and play slide shows in the Windows XP Media Center's My Pictures, first copy and organize the picture files into the My Pictures or Shared Pictures folders.

## To organize picture files


- 1 With the mouse, click **Start**, then click **My Pictures**. The *My Pictures* window opens.



folders. The Windows XP Media Center only displays picture files placed in the My Pictures or Shared Pictures folders.

- 2 Make new folders in the My Pictures folder and copy files to the folders or copy folders from other folders to the My Pictures folder.

You can also put pictures in the Shared Pictures folder to share pictures with other users.

**?** **Help:** For more information about managing picture files, see topics in *Work with picture files located under the My Pictures section of the Windows XP Media Center Help*. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .

# Viewing My Pictures

After you've organized your picture files in the My Pictures or Shared Pictures folder, you can view pictures in the Windows XP Media Center's My Pictures. The picture

folders are displayed just as you organized them in the My Pictures or Shared Pictures folders.

## To view pictures from the Windows XP Media Center

- 1 On the remote, press the **My Pictures** button. The *My Pictures* menu opens and the picture folders are displayed.



- 2 Navigate to a picture folder that you want to view, then press the **OK** button. The picture folder opens.



You can view individual pictures by highlighting a picture and pressing the **OK** button.

You can also choose from the menu options:



- Select **Play slide show** to view the pictures in a slide show. The slide show automatically transitions between pictures. You can also press the left ◀ and right ▶ remote navigation buttons to view the pictures manually at your own pace.
- Select **Sort by name** to sort the pictures by the file names.
- Select **Sort by date** to sort the pictures by the file dates.

- Select **My Pictures** to view all the picture folders.
- Select **Shared Pictures** to view pictures that are shared from other users.
- Select **Other media** to view pictures that are on a removable memory card.
- Select **Settings** to change the slide show preferences, such as the order to display pictures in, whether to show pictures in subfolders, caption options, and transition effects between pictures.

## Using More Info

While viewing an individual picture or watching a slide show, you can press the **More Info** button to view picture details.

### To view More Info about a picture


- 1 On the remote, while viewing pictures, press the **More Info** button. The **Picture Details** menu opens and the picture is displayed.



Choose from the menu options:

- Select **Play** slide show to view the pictures in a slide show. The slide show automatically transitions between pictures. You can also press the left ◀ and right ▶ remote navigation buttons to view the pictures manually at your own pace.



- Select **Rotate**  to rotate the picture counter-clockwise in 90-degree increments.

- Select **Rotate**  to rotate the picture clockwise in 90-degree increments.

- Select **Print** to print a full-page picture print.

- Select **Touch up** to remove red eye and change the picture contrast.

- Select **Next** to view the next picture's details.
- Select **Previous** to view the previous picture's details.

## Playing audio during a slide show


In addition to watching slide shows, you can also play music along with your slide show.

### To view a slide show with music

- 1 Use My Music to select music from your Media Library, play a CD, or select a music playlist. For more information, see "Playing My Music" on page 45.
- 2 On the remote, press the **My Pictures** button. The **My Pictures** menu opens and the picture folders are displayed.
- 3 Select the picture folder you want to watch as a slide show, highlight **Play slide show**, then press the **OK** button. The slide show starts.



#### Help:

For more information about slide show options and settings, see topics in *Play a slide show* located under the *My Pictures* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .

# Using My Videos

- Manage and add videos to your video library
- Browse and search for videos
- Share videos
- View video details such as file name, file date, picture pixel size, where the picture is stored, and more.

# Getting started with My Videos

The Windows XP Media Center's My Videos makes it easy to enjoy your digital videos. My Videos lets you watch and share your videos. You can organize and sort videos by name or date. Use the keyboard, mouse, or remote to browse your videos.

The Windows XP Media Center lets you watch these digital video file types:

File type (format)	File extension
Windows Media file	.wm, .asf
Windows Media A/V	.wmv
Video file	.avi
Movie file	.mpeg, .mpg, .mpe, .m1v, .mp2, .mpv2
Windows MetaFile	.wmf

While browsing or viewing videos, you can press the **More Info** button to view more information about video.



## Tip:

Additional video formats may be supported if you install new codecs (compressor/decompressor software used to compress and decompress digital media files) to play the video file.

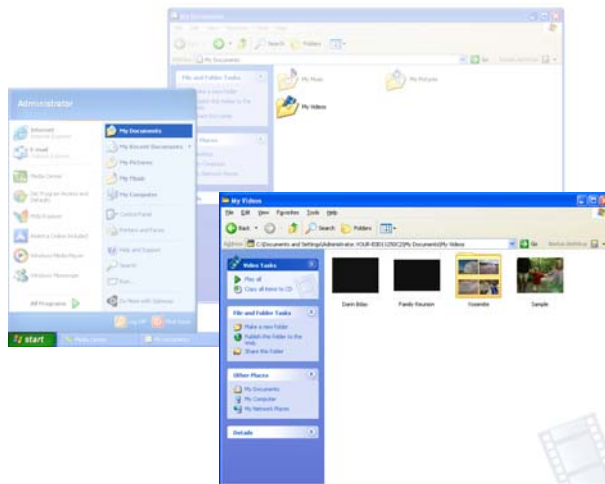
# Organizing video files

To view videos in the Windows XP Media Center's My Videos, first copy and organize the video files into the My Videos or Shared Video folders. The Windows XP Media

Center only displays video files placed in the My Videos or Shared Video folders.



## To organize video files

- 1 With the mouse, click **Start, My Documents**, then click **My Videos**. The *My Videos* window opens.



- 2 Make new folders in the My Videos folder and copy files to the folders or copy folders from other folders to the My Videos folder.

You can also put videos in the Shared Video folder to share videos with other users.

 **Help:** For more information about managing video files, see topics in *Manage video files* located under the *My Videos* section of the Media Center Help. To open Media Center Help, move the mouse to activate the menu bar, then click the Help button .

# Viewing My Videos

After you've organized your video files in the My Videos or Shared Videos folder, you can view videos in the Windows XP Media Center's My Videos. The video clips

## To view videos from the Windows XP Media Center

- 1 On the remote, press the **My Videos** button. The My Videos menu opens and the videos and video folders display.



are displayed just as you organized them in the My Pictures folder.

- 2 You can view videos by highlighting a video and pressing the **OK** button.

You can also choose from the menu options:

- Select **Sort by name** to sort the videos by the file names.
- Select **Sort by date** to sort the videos by the file dates.
- Select **My Videos** to view all the videos.
- Select **Shared Video** to view videos that are shared from other users.
- Select **Other media** to view videos that are on a removable memory card.



# Using More Info



While viewing videos, you can press the **More Info** button to view information about the video (if available) and change the video display's aspect ratio.


## To use More Info for videos

- 1 On the remote, while viewing videos, press the **More Info** button. More information is displayed along the bottom of the screen.



- 2 Press the **OK** (Zoom) button to toggle through the various aspect ratio screen display options.

 **Help:**  
For more information about using My Videos, see topics in *My Videos* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .

 **Tip:**  
You can also change the display's aspect ratio, by pressing the **Aspect** button on the remote.





# Using Play DVD

- Play DVDs
- Set language, subtitles, and audio defaults.

## ChapterEight

# Playing a DVD

You can watch a DVD with the Windows XP Media Center. If the Windows XP Media Center is running when you insert a DVD into the DVD drive, a message asks if you want to play the DVD. If you select **Yes** or do not make a selection, the DVD plays automatically. If you select **No**, you can play the DVD in Windows XP Media Center at any time by selecting **DVD Menu** or **Play DVD** on the Media Center Start menu.

## To watch a DVD in the Windows XP Media Center

- 1 Insert the DVD you want to watch.
- 2 If the Windows XP Media Center is already running, a message asks if you want to play the DVD. On the remote, highlight **Yes**, then press the **OK** button. The DVD plays.

- OR -

If you are not using Windows XP Media Center when you insert a DVD, a *What do you want to do?* dialog box opens. Click **Play DVD Video using Media Center**. If you want the Windows XP Media Center to always play DVDs using the Media Center, click to select the **Always do the selected action** check box. The DVD plays.



- OR -

If a DVD player installation program opens (for player software that was included with the DVD), cancel the installation, then press the Start button on the keyboard or remote. The Windows XP Media Center starts.

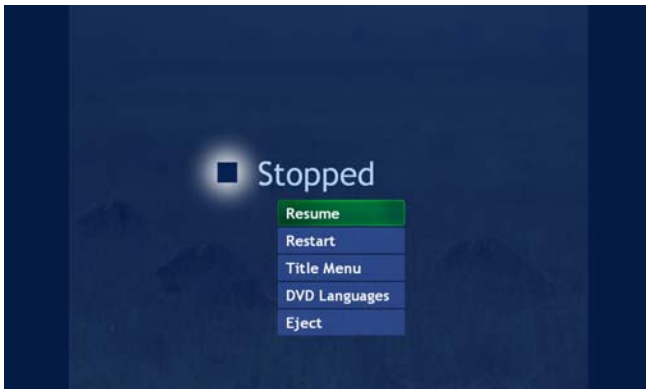
## To select DVD menu options

- 1 Press the **DVD menu** button. The DVD menu opens.




- OR -

Press the **Stop ■** button. The **Stopped** DVD menu opens.



- 2 On the remote, highlight the menu option you want to select, such as language, subtitles, and others, then press the **OK** button.

**Tip:**  
DVD menu options vary and depend on the options provided by the DVD publisher.



A football player in a red jersey and silver helmet is celebrating with his arms raised. The player is wearing a red jersey with white stripes on the sleeves and a silver helmet with a red facemask. The background is a blurred green field.

# UsingRadio

- Play FM and Internet radio and preset favorite stations
- Preset favorite radio stations
- Rewind, pause, stop, skip forward, and play radio recordings.

## ChapterNine

# Playing the Radio

You can enjoy the Windows XP Media Center's FM radio and control playback with the remote. When you play the radio, the Windows XP Media Center records (buffers) up to 30 minutes of the radio program much like My TV does. This lets you go back and review part of the radio broadcast you heard earlier or listen to a broadcast segment that you missed while away from the radio.



## Tip:

The Windows XP Media Center Radio buffers up to 30 minutes of a radio program. However, it does not let you schedule a radio recording or manually record radio programs.

While listening to FM radio you can pause, play, stop, skip forward, or skip back in the audio stream. You can also change to a different station by tuning to a specific frequency, seeking the next available station, or selecting a radio preset.



## Tip:

The Media Center FM radio shares the single tuner card with **My TV**. You cannot watch or record TV and listen to FM radio at the same time. When Windows XP Media Center is scheduled to start a TV program recording, a warning appears that says FM radio stops when the TV recording starts. If you do not select **Cancel recording**, Windows XP Media Center automatically stops the radio and begins recording TV.

## To auto-tune the FM radio with Seek

- 1 On the remote, press the **Radio** button. The *Radio* window opens.

- 2 With the remote, highlight the **Seek +** or **Seek -** button, then press the **OK** button. The radio auto-scans for radio stations.

When a station signal tunes in, the auto-scan stops on the station.



You can:

- Listen to the radio station.
- Highlight the **Save** button, then press the **OK** button to save this station on the next available preset radio memory slot.
- Highlight the **Seek +** or **Seek -** button to continue auto-scanning for stations.





## To manually-tune the FM radio with Tune

- 1 On the remote, press the **Radio** button. The *Radio* window opens.
- 2 With the remote, highlight the **Tune +** or **Tune –** button, then press the **OK** button repeatedly to manually scan for radio stations. When you tune a station, you can:

You can:

- Listen to the radio station.
- Highlight **Save**, then press the **OK** button to save the station on the next available preset radio memory slot.
- Highlight the **Tune +** or **Tune –** button to continue manually scanning for stations.



### Tip:

If you know the radio station's frequency, you can highlight the radio station frequency number box and type the station number you want to tune in.

## To play FM radio


- On the remote, tune to an FM station or select a preset station, highlight the **Start Radio** button, then press the **OK** button (you can also press the remote **Play ▶** button). The radio starts playing and recording (buffering) up to 30 minutes of the radio program.

## To listen to Internet radio

- 1 On the remote, press the **Radio** button. The *Radio* window opens.
- 2 Highlight **Internet**, then press the **OK** button.
- 3 Highlight one of the Internet radio Web links from the list, then press the **OK** button.



### Tip:

The Internet button appears in the Windows XP Media Center **Radio** only if one or more Internet radio Web links have been installed. Go to **Online Spotlight** to check for Internet radio Web links that you can download and use in Windows XP Media Center (press the Start  button on the remote, highlight **Online Spotlight**, then press the **OK** button).

# Using the remote to play Radio recordings

When you play the radio, the Windows XP Media Center automatically records radio programs to a program buffer as you listen. When you stop or pause radio programs, the radio continues recording (buffering) the program for up to 30 minutes so you can listen to the broadcast where

you previously left off. You can also press the **Replay** button, while listening to a program, to rewind and replay a segment of the radio program. Use the remote transport buttons or the transport controls toolbar to control radio playback.

Remote button	Press:
Pause 	<b>Pause</b> to pause the radio program. While paused, the radio continues to record the radio program for up to 30 minutes. If you pause the program for more than 30 minutes, you cannot play the radio from the exact point where you paused it.
Stop ■	<b>Stop</b> to stop the radio program. Windows XP Media Center continues to record the radio program for up to 30 minutes. If you stop the program for more than 30 minutes, you cannot play the program from the exact point where you stopped it.
Play ▶	<b>Play</b> to resume listening to the program where you left off when you pressed the Pause or Stop button. Press the <b>Stop</b> button to stop listening to a live or recorded radio broadcast.
Fwd ▶▶	<b>Fwd</b> (Fast forward) to advance through a live or recorded radio program that has been stopped or paused and recorded to the program buffer. Press the <b>Fwd</b> button a second or third time to increase the fast forward speed.
Rewind ◀◀	<b>Rew</b> (rewind) to go back in a radio program that has been stopped or paused and recorded to the program buffer. Press the <b>Rew</b> button a second or third time to increase the rewind speed.
Skip ▶	<b>Skip</b> once to advance 29 seconds through a recorded radio program that has been stopped or paused and recorded to the program buffer. You can press the <b>Skip Forward</b> button repeatedly, but only until you reach the end of the program buffer.
Replay ◀	<b>Replay</b> once to go back 7 seconds in a live or recorded radio program that has been stopped or paused and recorded to the program buffer. You can press the <b>Replay</b> button repeatedly, but only until you reach the beginning of the program buffer.

# Changing Radio Settings

Use Radio Settings to customize the Windows XP Media Center Radio. You can change, remove, and reorder

the FM radio preset stations. You can also auto-sort the stations in numeric order.

## To use the Settings menu

- 1 On the remote, press the **Radio** button. The *Radio* window opens.
- 2 Highlight **Settings**, then press the **OK** button. The **Settings** menu opens.




In Settings you can:

- Go to the text field for the radio station preset that you want to change, then use the numeric keypad to enter at least a three-digit frequency.
- In the FM radio preset list, use the up arrow or down arrow, to move a radio station up or down the list.
- Select the **X** next to a radio preset station to delete it.
- Select **Auto Sort** to sort the radio presets in numeric order.



### Help:

For more information about the Radio Settings options, see topics in *Manage FM radio presets* located under the *Radio* section of the Windows XP Media Center Help. To open Windows XP Media Center Help, move the mouse to activate the menu bar, then click the Help button .



A close-up photograph of two young women smiling warmly. The woman on the left has dark hair with bangs and is wearing a dark top. The woman on the right has long blonde hair and is wearing a blue and white striped shirt. The background is dark and out of focus.

# Using Other Features


- Set up the external video inputs, such as a game box or VCR
- Adjust Windows XP Media Center Settings
- Use More Programs
- View the Online Spotlight

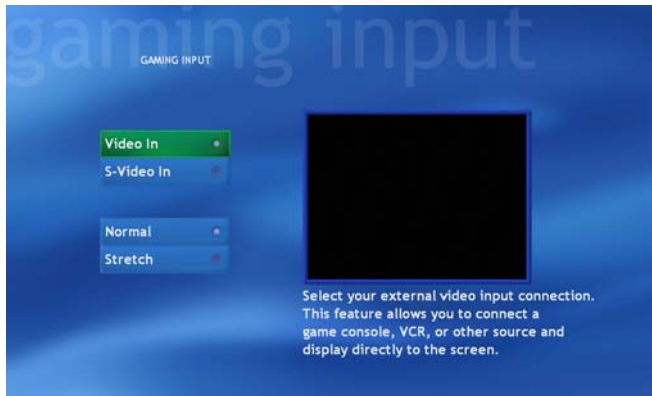
# Setting up the external video input

You can connect a game box, VCR, or other external video device for viewing on your Media Center PC.

After you connect the external video device, use the Gaming Input option to select the port for the device. You can also select a normal or stretched video display.

## To set up the external video input

- 1 Press the Start  button on the remote. The Windows XP Media Center menu is displayed.
- 2 Highlight **Gaming Input**, then press the **OK** button. The **Gaming Input** menu is displayed.



- 3 Select the input options that apply.

### Video:

- Select **Video In** if you connected the external video source to the Video In port.

- OR -

- Select **S-Video In** if you connected the external video source to the S-Video In port.

### Display:

- Select **Normal** to view the normal screen aspect ratio.
- Select **Stretch** to view a wide screen aspect ratio.

- 4 On the remote, press the **Back** button to return to the Windows XP Media Center menu.

# Changing Windows XP Media Center Settings

You can access most of the Settings menus within a specific Media Center feature, such as My TV, My Pictures, My Music, and others. However, you can also access all of the Settings menus from the **Settings** button on the Media Center's main menu. This menu provides

easy access to all of the Settings menus, including the Media Center general settings.

Browse the Settings menu to familiarize yourself with the Media Center settings options.

## To access the Settings menu


- 1 Press the Start  button on the remote. The Windows XP Media Center menu is displayed.
- 2 With the remote, highlight **Settings**, then press the **OK** button. The **Settings** menu is displayed.



- 3 Select a Settings menu and use the sub-menus to adjust the Media Center settings to your preferences.




### Help:

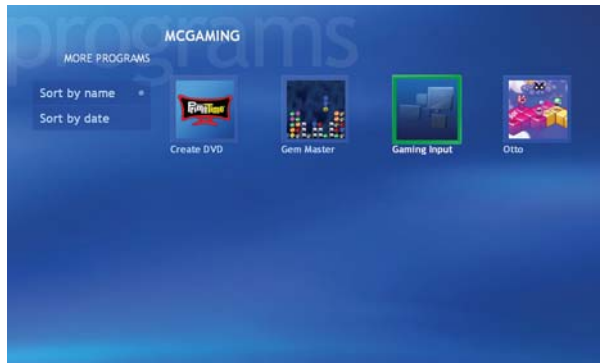
For more information about the Settings menu options, see topics in *Change settings in Media Center* section of the Media Center Help. To open Media Center Help, move the mouse to activate the menu bar, then click the Help button .

# Using More Programs

More Programs gives you access to other programs and games available to use or play from the Windows XP Media Center.

## To use More Programs

- 1 Press the Start  button on the remote. The Windows XP Media Center menu is displayed.
- 2 Highlight **More Programs**, then press the **OK** button. The **Programs** menu is displayed.
- 3 Highlight a program or game, then press the **OK** button.
- 4 When finished, exit the program or game. On the remote, press the **Back** button to return to the Windows XP Media Center menu.



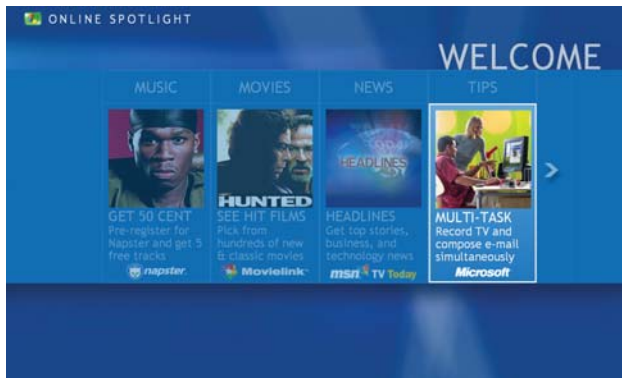


# Using Online Spotlight

The Media Center Online Spotlight highlights new ways to enjoy and use your Media Center PC. Check the Online Spotlight regularly to learn more tips and tricks and to get the most out of your Media Center experience.

## To access the Online Spotlight

- 1 Press the Start  button on the remote. The Windows XP Media Center menu is displayed.
- 2 On the remote, highlight **Online Spotlight**, then press the **OK** button. The *Online Spotlight* page is displayed.
- 3 Browse information to learn more about the Media Center.
- 4 When finished, on the remote, press the **Back** button to return to the Windows XP Media Center menu.





A woman with blonde hair, wearing a black athletic top and a blue headband, is climbing a rock face. She is looking upwards with a focused expression. The background is a plain, light-colored wall.

# Getting Help

- Get answers to Frequently Asked Questions (FAQs)
- Learn about the Windows XP Media Center online help and other information resources
- Get Gateway contact information

# Media Center FAQs

Following are Media Center Frequently Asked Questions (FAQs). To view other Media Center FAQs that are not covered in this section, go to the Gateway support Web Site at [support.gateway.com/windowsxp/mediacenter/faqs/](http://support.gateway.com/windowsxp/mediacenter/faqs/).

**Q:** Why does the Media Center video display look bad on my TV?

**A:** Many factors, such as the display type, quality of the video source, type of connection used, quality of video cables, display device screen resolution, age of the TV, or the type of TV (interlaced or progressive scan), can affect the video quality substantially:

- **Display type** — The Windows XP Media Center is best viewed on the Gateway 610 Media Center PC display. Other types of external display devices, including retail TVs, may provide lower quality video.
- **Quality of video source** — The quality of the video signal coming into your Media Center PC has an affect on the video quality. The video displayed from the Gateway 610 Media Center PC is only as good as the source video signal. Cable, digital cable, and satellite usually provide better quality than an antenna.
- **Type of connection used** — You can connect the Gateway 610 Media Center PC video output to a TV S-Video port. If your TV includes an S-Video port, connect the S-Video cable from your Media Center PC's S-Video Out port to the TV's S-Video In port. S-Video display quality is usually good for TV images. The display quality for the Media Center computer

functions, however, is not as good as the display on your Media Center PC. S-Video display output is not optimized for computer video display.

- **Quality of video cables** — Poor quality cables or the incorrect type of video cables can cause problems and affect the video quality. Gateway recommends using high quality video cables that can be purchased from Gateway on the Web, in a Gateway store, or on the phone.

**Note:** Cable connections must be connected correctly for optimal video quality. A poor cable connection can lower video quality.

- **Screen resolution** — By default, your Gateway 610 Media Center PC uses a screen resolution of 1280 x 768. Many TVs cannot display this high resolution and may shift, scramble, or scroll the picture. For a better picture on a TV display, you may need to lower the Media Center screen resolution to 800 x 600 or 640 x 480. For more information about adjusting display settings, click **Start**, then click **Help and Support**. Type the keyword *changing display settings* in the Search box, then press **Enter**.
- **Age of the TV** — Newer TVs usually have more advanced features, produce a better quality picture, and support higher screen resolutions. Your Media Center PC external video display will likely be better on a newer model TV.
- **Type of TV** (interlaced or progressive scan)  
Many TVs use *interlaced video*. Interlaced video displays a video frame with two passes of alternating

scan lines. The TV screen first displays the video image odd lines one at a time, sequentially from top to bottom, then it fills in the other half of the video image with the even lines. Because most TVs use this interlaced method to display the picture on the screen, a standard interlaced analog TV will most likely flicker when displaying thin lines and small text. An interlaced video display device will produce a lower quality display, especially when viewing and using the Media Center computer functions.

*Progressive scan video* displays a video frame with one pass of sequential scan lines. A progressive scan TV displays the entire picture, drawn sequentially from top to bottom, without the odd/even interlacing. This results in a fuller, sharper picture and better display quality for viewing and using the Media Center computer functions. The progressive scan picture is also brighter and easier on your eyes.

**Q:** How do I configure my Media Center PC to output to a TV?

**A:** Your Gateway 610 Media Center PC detects when you use an external S-Video display device and automatically changes the display settings for the S-Video display device. For more information, review the FAQ topic at: [support.gateway.com/windowsxp/mediacenter/faqs/](http://support.gateway.com/windowsxp/mediacenter/faqs/)

**Q:** What display setting can I change to get better TV or DVD image quality?

**A:** Use the brightness buttons located on the top of your Media Center PC display to adjust the display brightness.

- OR -

Use the *Adjust display settings* calibration wizard to adjust the display type, display width, connection type, and display calibration. The **Adjust display settings** options are located under the Windows XP Media Center **Settings, TV menu** options. For more information about accessing the Media Center Settings menu, see “Changing your Windows XP Media Center Settings” on page 73.

For more information review the FAQ topic at:

[support.gateway.com/windowsxp/mediacenter/faqs/](http://support.gateway.com/windowsxp/mediacenter/faqs/)

**Q:** Can I burn TV programs that were recorded with my Media Center PC to a DVD?

**A:** Yes. Media Center PC saves recorded TV programs in the .DVR-MS format. You can burn a .DVR-MS file to a DVD with DVD recording (burning) software, such as Nero Express and Sonic PrimeTime.

**Q:** Can I play recorded TV programs on other computers?

**A:** You can record a TV program to DVD with Sonic PrimeTime. Sonic PrimeTime records the DVD in a DVD format much like a DVD movie. If you want to view the DVD on a computer, you need a DVD player and DVD decoder software (such as WinDVD). You **do not** need Windows XP Service Pack (SP) 1, Windows Media Player 9, and the Windows patch Q810243 Update (described above) on your computer to play TV programs recorded with Sonic PrimeTime.

- OR -

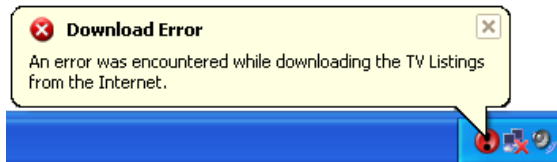
Yes, you can record a .DVR-MS file, as a data file, to DVD with Nero Express and the DVD can be replayed

on another Media Center computer or on a non-Media Center computer that has a DVD player and DVD decoder software (such as WinDVD). The non-Media Center computer must also have Windows XP with Service Pack (SP) 1, Windows Media Player 9, and the Windows patch Q810243 Update.

**Q:** Can I play recorded programs on my home DVD player?

**A:** Yes. Sonic PrimeTime, records DVDs to a format that home DVD players can read. For more information, see “Burning recorded TV programs to DVD” on page 39.

**Q:** Why do I get this “Download Error” message when the Windows XP Media Center tries to update the Guide?



**A:** You must be connected to the Internet to update the Guide. Make sure that your Internet account is set up and connected to your Media Center PC. For information, see “Manually updating the Guide” on page 34.

# Getting more help

The Media Center is easy to use when you follow the on-screen menus. However, if you need additional help or

information about using the Windows XP Media Center features, help is available at your fingertips.

## To open Media Center Help

- 1 In the *Media Center* window, move the mouse to activate the Media Center tool bar. The tool bar appears at the top of the window.



- 2 Click the **Help** ? icon to view or search for information in the Windows XP Media Center online help.



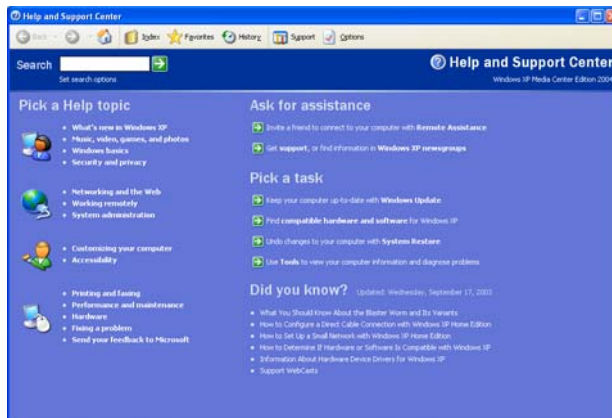
# Using Help and Support

Your Gateway 610 Media Center PC also includes Help and Support, an easily accessible collection of help information, troubleshooters, and automated support. Use

Help and Support to answer questions about Windows and to help you quickly discover and use the many features of your Media Center PC.


## To open Help and Support

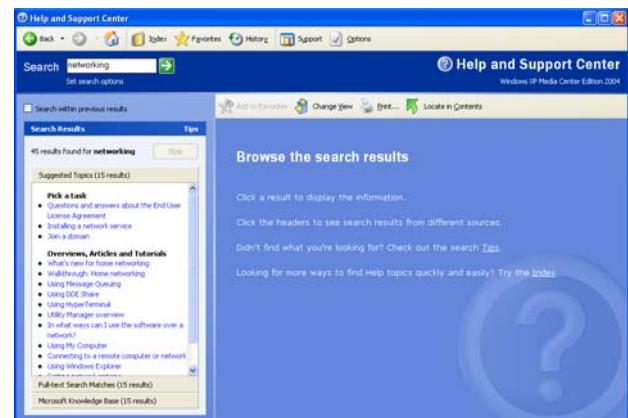
- 1 To start Help and Support, click **Start**, then click **Help and Support**. Help and Support opens.



- 2 Click a topic link.

- OR -

Type a word or phrase (keyword) in the Search box located at the top of any Help and Support screen, then click the  arrow button to start the search. The search results appear below the search box.





# Other Media Center resources

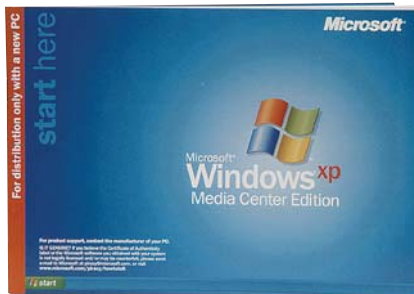
## Documentation

The **Microsoft Windows XP Media Center Edition** guide provides information about configuring the Media Center software, tips about using the Media Center, and troubleshooting information.

## Windows Update

Remember to check regularly for Windows updates to keep the operating system updated with the latest software releases and security updates.

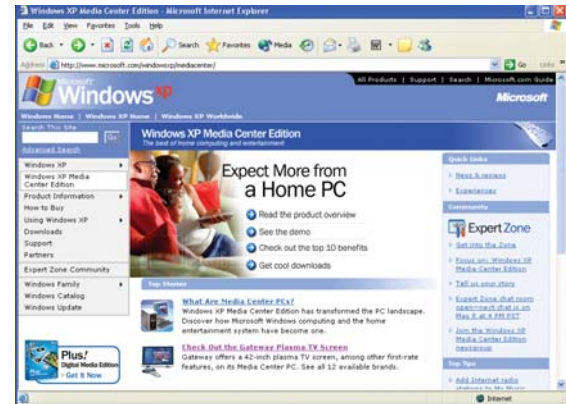
To start the Windows Update utility, connect to the Internet, click **Start, All Programs**, then click **Windows Update**. The Windows Update Web site opens. Follow the on-screen instructions.



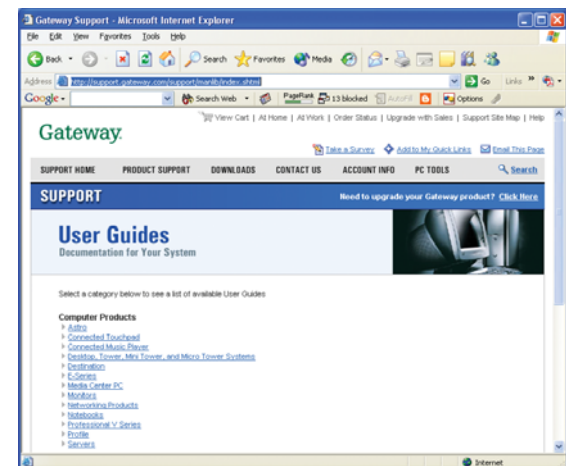
## Web site

You can get the latest FAQs, user guides, and tips and tricks about making the most of your Media Center experience. Go to the Microsoft Media Center Web site at

[microsoft.com/windowsxp/mediacenter/](http://microsoft.com/windowsxp/mediacenter/)



and the Gateway Support Web site at [support.gateway.com/windowsxp/mediacenter/](http://support.gateway.com/windowsxp/mediacenter/) and [support.gateway.com/support/manlib/index.shtml](http://support.gateway.com/support/manlib/index.shtml)



# Identifying your model

## Gateway model number

The label on the back of your Media Center PC contains information that identifies your PC model and its features. Gateway Technical Support will need this information if you call for assistance.

## Gateway serial number

You can locate the Gateway serial number:

- Printed on a white sticker on the back of your Media Center PC.
- Printed on the customer invoice that came with your Media Center PC. The invoice also contains your customer ID number.

# Contacting Gateway

You can access the following services through your telephone to get answers to your questions:

Resource	Service description	How to reach
Fax on demand support	Order a catalog of documents on common problems, then order documents by document numbers. The documents will be faxed to you.	800-846-4526 (US) 877-709-2951 (Canada)
Gateway's fee-based software tutorial service	Get tutorial assistance for software issues billed by the minute.	800-229-1103 (charged to your credit card) 900-555-4695 (charged to your telephone bill)
Gateway Technical Support	Talk to a Gateway Technical Support representative about a non-tutorial technical support question.  TDD Technical Support (for hearing impaired) is available:  Weekdays 6:00 a.m. - 8:00 p.m. Central Time Weekends 6:00 a.m. - 5:00 p.m. Central Time	800-846-2301 (US) 800-846-3609 (Canada and Puerto Rico) 605-232-2191 (all other countries) 800-846-1778 (TDD)
Sales, accounting, and warranty	Get information about available systems, pricing, orders, billing statements, warranty service, or other non-technical issues.	800-846-2000 (US) 888-888-2037 (Canada)

A young man with short dark hair, wearing red safety glasses and a brown shirt, is smiling and looking at a piece of laboratory equipment. He is leaning forward with his arms resting on a surface. The background is a blurred laboratory setting with various pieces of equipment and a green wall.

# Safety, Regulatory, and Legal Information

**Appendix A**

# Important safety information

Your Gateway system is designed and tested to meet the latest standards for safety of information technology equipment. However, to ensure safe use of this product, it is important that the safety instructions marked on the product and in the documentation are followed.

## Setting up your system

- Read and follow all instructions marked on the product and in the documentation before you operate your system. Retain all safety and operating instructions for future use.
- Do not use this product near water or a heat source such as a radiator.
- Set up the system on a stable work surface.
- The product should be operated only from the type of power source indicated on the rating label.
- If your computer has a voltage selector switch, make sure that the switch is in the proper position for your area. The voltage selector switch is set at the factory to the correct voltage.
- Openings in the computer case are provided for ventilation. Do not block or cover these openings. Make sure you provide adequate space, at least 6 inches (15 cm), around the system for ventilation when you set up your work area. Never insert objects of any kind into the computer ventilation openings.
- Some products are equipped with a three-wire power cord to make sure that the product is properly grounded when in use. The plug on this cord will fit only into a grounding-type outlet. This is a safety



### Caution:

Always follow these instructions to help guard against personal injury and damage to your Gateway system.

- feature. If you are unable to insert the plug into an outlet, contact an electrician to install the appropriate outlet.
- If you use an extension cord with this system, make sure that the total ampere rating on the products plugged into the extension cord does not exceed the extension cord ampere rating.
- Since your system is fitted with a TV Tuner, cable, or satellite receiver card, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and buildup of static charges.

## Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill anything on the system. The best way to avoid spills is to avoid eating and drinking near your system.
- Some products have a replaceable CMOS battery on the system board. There is a danger of explosion if the CMOS battery is replaced incorrectly. Replace the battery with the same or equivalent type recommended by the manufacturer. Dispose of batteries according to the manufacturer's instructions.



### Caution:

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries following the manufacturer's instructions.

- When the computer is turned off, a small amount of electrical current still flows through the computer. Always unplug all power cables and modem cables from the wall outlets before cleaning the system.
- Unplug the system from the wall outlet and refer servicing to qualified personnel if:
  - The power cord or plug is damaged.
  - Liquid has been spilled into the system.

- The system does not operate properly when the operating instructions are followed.
- The system was dropped or the cabinet is damaged.
- The system performance changes.



### Warning:

To prevent electric shock, never remove the cover. There are no user serviceable parts inside. Refer servicing to qualified service personnel.

## Replacement parts and accessories

Use only replacement parts and accessories recommended by Gateway.



### Important:

Do not use Gateway products in areas classified as hazardous locations. Such areas include patient care areas of medical and dental facilities, oxygen-laden environments, or industrial facilities.



### Warning:

To reduce the risk of fire, use only No. 26 AWG or larger telecommunications line cord.

# Regulatory compliance statements

## Wireless Guidance

Low power, Radio transmitting type devices (radio frequency (RF) wireless communication devices), may be present (embedded) in your computer. These devices may operate in the 2.4 GHz (i.e. 802.11B/G LAN & Bluetooth), 5.2 GHz (i.e. 802.11A LAN), and traditional cellular or PCS cellular bands (i.e. Cellular data modem). The following section is a general overview of considerations while operating a wireless device.

Additional limitations, cautions, and concerns for specific countries are listed in the specific country sections (or country group sections). The wireless devices in your system are only qualified for use in the countries identified by the Radio Approval Marks on the system rating label. If the country you will be using the wireless device in, is not listed, please contact your local Radio Approval agency for requirements. Wireless devices are closely regulated and use may not be allowed.

The power output of the wireless device or devices that may be embedded in your computer is well below the RF exposure limits as known at this time. Because the wireless devices (which may be embedded into your computer) emit less energy than is allowed in radio frequency safety standards and recommendations, Gateway believes these devices are safe for use. Regardless of the power levels, care should be taken to minimize human contact during normal operation.

As a general guideline, a separation of 20 cm (8 inches) between the wireless device and the body (including bystanders), for use of a wireless device near the body (this does not include extremities) is typical. This device

should be used more than 20 cm (8 inches) from the body when wireless devices are on and transmitting. If anyone is closer than 20 cm (8 inches) to the wireless transmitter, make sure the transmitter is turned off. For more information, see “Turning your wireless Ethernet emitter on or off” in the networking user’s guide included on the hard drive. To open the document click **Start**, **Gateway Documentation**, then click **Networking User’s Guide**.

Additionally your system may have an optional wireless keyboard and mouse included with it. The power and frequency range associated with these devices do not have the RF exposure concerns as previously commented on with the wireless LAN products. The experts on the effects of RF exposure feel these types of devices are safe for use, due to the frequencies and power levels involved.

The wireless devices installed in this system are intended to be used indoors. In some areas, use of these devices outdoors is prohibited.

Some circumstances require restrictions on wireless devices. Examples of common restrictions are listed:



### Warning:

Radio frequency wireless communication can interfere with equipment on commercial aircraft. Current aviation regulations require wireless devices to be turned off while traveling in an airplane. 802.11b (also known as wireless Ethernet or Wifi) and Bluetooth communication devices are examples of devices that provide wireless communication.



**Warning:**

In environments where the risk of interference to other devices or services is harmful or perceived as harmful, the option to use a wireless device may be restricted or eliminated. Airports, Hospitals, and Oxygen or flammable gas laden atmospheres are limited examples where use of wireless devices may be restricted or eliminated. When in environments where you are uncertain of the sanction to use wireless devices, ask the applicable authority for authorization prior to use or turning on the wireless device.



**Warning:**

Every country has different restrictions on the use of wireless devices. If your system is equipped with a wireless device, when traveling between countries with your system, check with the local Radio Approval authorities prior to any move or trip for any restrictions on the use of a wireless device in the destination country.



**Warning:**

If your system came equipped with an internal embedded wireless device, do not operate the wireless device unless all covers and shields are in place and the system is fully assembled.



**Warning:**

Wireless devices are not user serviceable. Do not modify them in any way. Modification to a wireless device will void the authorization to use it. Please contact Gateway for service.



**Warning:**

Only use drivers approved for the country in which the device will be used. See the Gateway 610 System DVD, or contact Gateway Technical Support for additional information.



**Warning:**

In order to comply with FCC requirements transmitters must not be operated (or co-located) in conjunction with any other transmitter or antenna installed in the computer.

# United States of America

## Federal Communications Commission (FCC) Intentional emitter per FCC Part 15

Low power, Radio transmitter type devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz band and/or 5.15 – 5.35 GHz band, may be present (embedded) in your computer. This section is only applicable if these devices are present. Refer to the system label to verify the presence of wireless devices.

Wireless devices that may be in your system are only qualified for use in the United States of America if an FCC ID number is on the system label.

The FCC has set a general guideline of 20 cm (8 inches) separation between the device and the body (including bystanders), for use of a wireless device near the body (this does not include extremities). This device should be used more than 20 cm (8 inches) from the body when wireless devices are on. The power output of the wireless device (or devices), which may be embedded in your computer, is well below the RF exposure limits as set by the FCC.

The wireless devices installed in this system are intended to be used indoors. In some areas, use of these devices outdoors is prohibited.

Additionally your system may have an optional wireless keyboard and mouse included with it. The power and frequency range associated with these devices do not have the same RF exposure concerns as previously commented on with the wireless LAN products. The experts on the effects of RF exposure feel these types

of devices are safe for use, due to the frequencies and power levels involved.

Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.



### Warning:

The transmitting device embedded in this system may not be used with any antenna other than the antenna provided with it.



### Warning:

Wireless devices are not user serviceable. Do not modify them in any way. Modification to a wireless device will void the authorization to use it. Contact Gateway for service.



### Warning:

The transmitting device embedded in this system may not be used with any antenna other than provide with the system.



## Unintentional emitter per FCC Part 15

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

**Compliance Accessories:** The accessories associated with this equipment are: shielded video cable when an external monitor is connected. These accessories are required to be used in order to ensure compliance with FCC rules.

## FCC declaration of conformity

Responsible party:

Gateway Companies, Inc.  
610 Gateway Drive, North Sioux City, SD 57049  
(605) 232-2000 Fax: (605) 232-2023

**Product:** 03-DT009-01S, 03-DT009-01X,  
03-DT009-01XL, or 610

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



### Caution:

Changes or modifications not expressly approved by Gateway could void the FCC compliance and negate your authority to operate the product.

**Telecommunications per Part 68 of the Code of Federal Regulations (CFR47) (applicable to products fitted with USA modems)**

Your modem complies with Part 68 of the Code of Federal Regulations (CFR47) rules. On the computer or modem card is a label that contains the FCC registration number and Ringer Equivalence Number (REN) for this device. If requested, this information must be provided to the telephone company.

A telephone line cord with a modular plug is required for use with this device. The modem is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See installation instructions for details.

The Ringer Equivalence Number (REN) is used to determine the number of devices which may be connected to the telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

If this device causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. The telephone company may request that you disconnect the equipment until the problem is resolved.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of this equipment. If this happens, the telephone company will provide advance notice in

order for you to make necessary modifications to maintain uninterrupted service.

This equipment cannot be used on telephone company-provided coin service. Connection to party line service is subject to state tariffs. Contact the state public utility commission or public service commission for information.

When programming or making test calls to emergency numbers:

- Remain on the line and briefly explain to the dispatcher the reason for the call.
- Perform such activities in the off-peak hours such as early morning or late evenings.

The United States Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone fax machine unless such message clearly contains, in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent, an identification of the business, other entity, or other individual sending the message, and the telephone number of the sending machine or such business, other entity, or individual. Refer to your fax communication software documentation for details on how to comply with the fax-branding requirement.

# Canada

## Industry Canada (IC)

### Intentional emitter per RSS 210

Low power, Radio transmitter type devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz band and/or 5.15 – 5.35 GHz band, may be present (embedded) in your computer. This section is only applicable if these devices are present. Refer to the system label to verify the presence of wireless devices.

Wireless devices that may be in your system are only qualified for use in Canada if an Industry Canada ID number is on the system label.

As a general guideline, a separation of 20 cm (8 inches) between the wireless device and the body (including bystanders), for use of a wireless device near the body (this does not include extremities) is typical. This device should be used more than 20 cm (8 inches) from the body when wireless devices are on. The power output of the wireless device (or devices), which may be embedded in your computer, is well below the RF exposure limits as set by Industry Canada.

Additionally your system may have an optional wireless keyboard and mouse included with it. The power and frequency range associated with these devices do not have the same RF exposure concerns as previously commented on with the wireless LAN products. The experts on the effects of RF exposure feel these types of devices are safe for use, due to the frequencies and power levels involved.

The wireless keyboard and mouse operate at less than 10mW for all channels. The keyboard operates at 27.145 or 27.195 MHz and the mouse operates at 26.995 or 27.045 MHz.

Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.



#### Warning:

To prevent radio interference to licensed service or co-channel Mobile Satellite systems, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.



#### Warning:

Wireless devices are not user serviceable. Do not modify them in any way. Modification to a wireless device will void the authorization to use it. Contact Gateway for service.



#### Warning:

The transmitting device embedded in this system may not be used with any antenna other than provide with the system.



#### Warning:

The 802.11a radio LAN your system may have been equipped with operates in the same frequency range as high power radar, which has priority use, and may damage the radio LAN if both are present and being used in the same area.

### Unintentional emitter per ICES-003

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par Industrie Canada.

### Telecommunications per Industry Canada CS-03 (for products fitted with an IC-compliant modem)

The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operation, and safety requirements. The Department does not guarantee the equipment will operate to the users' satisfaction.

Before installing this equipment, users should make sure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the inside wiring associated with a single-line individual service may be extended by means of a certified connector assembly. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give

the telecommunications company cause to request the user to disconnect the equipment.

Users should make sure, for their own protection, that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

The **Ringer Equivalence Number** (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.



#### Warning:

To avoid electrical shock or equipment malfunction do not attempt to make electrical ground connections by yourself. Contact the appropriate inspection authority or an electrician, as appropriate.

# Mexico

## Intentional emitter

Low power, Radio transmitter type devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz band, may be present (embedded) in your computer. This section is only applicable if these devices are present. Refer to the system label to verify the presence of wireless devices.

Wireless devices that may be in your system are only qualified for use in Mexico if a COFETEL ID is on the system label.

As a general guideline, a separation of 20 cm (8 inches) between the wireless device and the body (including bystanders), for use of a wireless device near the body (this does not include extremities) is typical. This device should be used more than 20 cm (8 inches) from the body when wireless devices are on. The power output of the wireless device (or devices), which may be embedded in your computer, is well below the RF exposure limits as set by SCT.

Additionally your system may have an optional wireless keyboard and mouse included with it. The power and frequency range associated with these devices do not have the same RF exposure concerns as previously commented on with the wireless LAN products. The experts on the effects of RF exposure feel these types of devices are safe for use, due to the frequencies and power levels involved.

## Unintentional emitter

At this time there are no mandatory requirements for Unintentional Emitters. However, this device does comply with multiple requirements for other countries and regions as listed on the system label and in the user's manual.

# Television antenna connectors protection

## External television antenna grounding

If an outside antenna or cable system is to be connected to your Gateway PC, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and 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 an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

## Lightning protection

For added protection of any Gateway product during a lightning storm or when it is left unattended or unused for long periods of time, unplug the product from the wall outlet and disconnect the antenna or cable system.

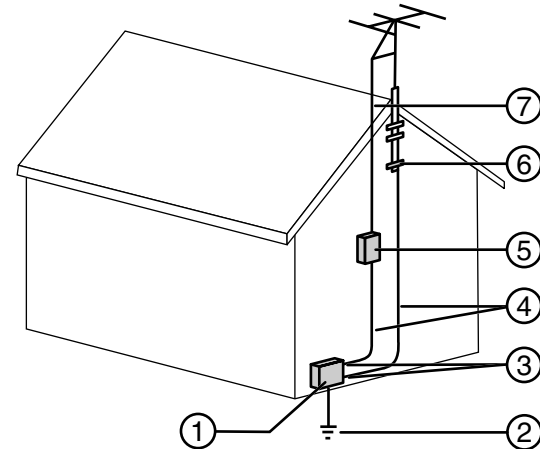
## Power lines

Do not locate the antenna near overhead light or power circuits, or where it could fall into such power lines or circuits.



### Warning:

When installing or realigning an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits. Contact with them could be fatal.



Reference	Grounding component
1	Electric service equipment
2	Power service grounding electrode system (NEC Art 250, Part H)
3	Ground clamps
4	Grounding conductors (NEC Section 810-21)
5	Antenna discharge unit (NEC Section 810-20)
6	Ground clamp
7	Antenna lead-in wire

# Laser safety statement

All Gateway systems equipped with CD and DVD drives comply with the appropriate safety standards, including IEC 825. The laser devices in these components are classified as “Class 1 Laser

Products” under a US Department of Health and Human Services (DHHS) Radiation Performance Standard. Should the unit ever need servicing, contact an authorized service location.



## Warning:

Use of controls or adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure. To prevent exposure to laser beams, do not try to open the enclosure of a CD or DVD drive.

# Macrovision statement

**Your computer has a DVD drive and an analog TV Out port, therefore the following paragraph applies:**

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

# California Proposition 65 Warning



## Warning:

This product contains chemicals, including lead, known to the State of California to cause cancer, defects, or reproductive harm.

# Notices

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Poway, CA 92064 USA

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