

# **Multimedia**

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This guide explains how to use the audio and video features of the computer.

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# Contents

## 1 Multimedia features

Multimedia Software . . . . .	2
Identifying your software . . . . .	2
Installing software . . . . .	2
Using the QuickPlay buttons . . . . .	3
Using media activity hotkeys . . . . .	6
Protecting playback . . . . .	7
Protecting the CD or DVD write process . . . . .	8
Changing DVD region settings . . . . .	9
Observing the Copyright warning . . . . .	10
Multimedia hardware . . . . .	10
Identifying your hardware . . . . .	10
Using the remote control (select models only) . . . . .	11
Using the optical drive . . . . .	12

## 2 Audio

Audio features . . . . .	16
Using the audio-in (microphone) jack . . . . .	18
Using the audio-out (headphone) jack . . . . .	18
Adjusting the volume . . . . .	19

---

## **3 Video**

Video features .....	20
Using the S-Video-out jack .....	21
Using the external monitor port .....	23

## **Index**

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# Multimedia features

The computer includes a broad range of hardware and software designed to make multimedia tasks fun and easy. Multimedia features vary according to the model and software you selected.

The computer may include support for the following tasks:

- Playing audio and video CDs and DVDs
- Creating or copying audio and data CDs
- Creating, editing, and burning audio CDs
- Creating, editing, and burning a video or movie to a DVD or video CD



Windows Media Player, a feature of the Microsoft® Windows® operating system, is the media player software that is preinstalled on most models.

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## AutoPlay

AutoPlay is an option in Windows that turns the Autorun feature on or off. Autorun starts a program or plays a title on a disc as soon as it is inserted into the drive and the drive door is closed. By default, AutoPlay is enabled on the computer.

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# Multimedia Software

## Identifying your software

The computer includes multimedia software that is preinstalled or provided on a disc. To view and access the preinstalled software on the computer:

» Select **Start > All Programs**.

– or –

» Select **Start > All Programs > Software Setup**. (You can also reinstall software from the Software Setup utility.)



For details about using software included with the computer, refer to the software documentation. Documentation may be provided on CD, in print, or as online help files within the specific application. Documentation may also be found on the software manufacturer's Web site.

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## Installing software

To install software from a CD included with the computer:

1. Insert the software CD into the optical drive.
2. When the installation wizard opens, follow the installation instructions on the screen.



Repeat the installation procedure for all software on CD that you want to install.

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## Using the QuickPlay buttons

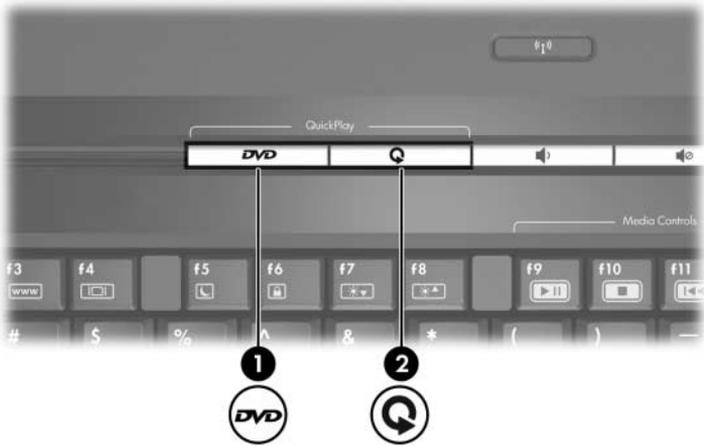
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DVD and Media  button functions vary, depending on the software installed on the computer. Refer to the QuickPlay documentation for details.

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The DVD  and Media  buttons allow you to play DVDs, watch movies, and listen to music with the touch of a button.



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## Using QuickPlay software (select models only)

QuickPlay software allows you to play movies or open other media without starting the computer or launching the operating system.

For details on using QuickPlay software, refer to the QuickPlay documentation included with the computer.

DVD and Media buttons function according to the table below.



The button functions may change if you customize or modify the QuickPlay button options.

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Component	Description
<b>Default button functions <i>without</i> QuickPlay software (select models only)</b>	
① DVD button	When the computer is <ul style="list-style-type: none"><li>■ On, opens the default DVD application to start a DVD in the optical drive.</li><li>■ Off, no function.</li><li>■ In standby, resumes from standby into Windows.</li><li>■ In hibernation, restores from hibernation into Windows.</li></ul>
② Media button	When the computer is <ul style="list-style-type: none"><li>■ On, opens the music application or the Media menu, allowing you to select a multimedia application.</li><li>■ Off, no function.</li><li>■ In standby, resumes from standby into Windows.</li><li>■ In hibernation, restores from hibernation into Windows.</li></ul>

Component	Description
<b>Button functions <i>with</i> QuickPlay software (select models only)</b>	
<p>① DVD button</p>	<p>When the computer is</p> <ul style="list-style-type: none"> <li>■ On, opens the default DVD application to start a DVD in the optical drive.</li> <li>■ Off, opens QuickPlay to start a DVD in the optical drive.</li> <li>■ In standby, resumes from standby into Windows.</li> <li>■ In hibernation, restores from hibernation into Windows.</li> </ul> <p> Refer to the QuickPlay documentation for details on using QuickPlay.</p>
<p>② Media button</p>	<p>When the computer is</p> <ul style="list-style-type: none"> <li>■ On, opens the music application or the Media menu, allowing you to select a multimedia application.</li> <li>■ Off, opens the music application or the Media menu, allowing you to select a multimedia application.</li> <li>■ In standby, resumes from standby into Windows.</li> <li>■ In hibernation, restores from hibernation into Windows.</li> </ul> <p> Refer to the QuickPlay documentation for details on using QuickPlay.</p>

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## Using media activity hotkeys

Media activity hotkeys are combinations of the **fn** key ❶ and one of 4 function keys. You can use these keys to control the play of an audio CD or a DVD in the optical drive.

To control the play of a video CD, use the media activity controls in your video CD player application.

- To play, pause, or resume an audio CD or a DVD, press **fn+f9** ❷.
- To stop an audio CD or a DVD that is playing, press **fn+f10** ❸.
- To play the previous track of an audio CD, or the previous chapter of a DVD, that is playing, press **fn+f11** ❹.
- To play the next track of an audio CD, or the next chapter of a DVD, that is playing, press **fn+f12** ❺.



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## Protecting playback

To prevent the loss of playback or playback quality:

- Save your information and close all open applications before playing a CD or a DVD.
- Do not connect or disconnect the computer from the docking device while playing a disc.

To prevent the loss of playback while the computer is in Windows, do not initiate standby or hibernation while playing a disc. If standby or hibernation is initiated while a disc is in use, you may see the warning message “Putting the computer into hibernation or standby might stop the playback. Do you want to continue?” If this message is displayed, click **No**. After you click **No**:

- Playback may resume.

– or –

- Playback may stop and the screen may clear. To return to playing the CD or DVD, press the power button and then restart the disc.

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## Protecting the CD or DVD write process

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**CAUTION:** To prevent loss of information and damage to a disc:

- Before writing to a disc, connect the computer to a reliable external power source. Do not write to a disc while the computer is running on battery power.
  - Before writing to a disc, close all open applications (including screen savers and antivirus software) except the disc software you are using.
  - Do not copy directly from a source disc to a destination disc or from a network drive to a destination disc. Instead, copy from a source disc or network drive to your hard drive, and then copy from your hard drive to the destination disc.
  - Do not use the computer keyboard or move the computer while the computer is writing to a disc. The write process is sensitive to vibration.
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## Changing DVD region settings

Most DVDs that contain copyrighted files also contain region codes. The region codes help protect copyrights internationally.

You can play a DVD containing a region code only if the region code on the DVD matches the region setting on your DVD drive.

If the region code on a DVD does not match the region setting on your drive, the following message is displayed when you insert the DVD: “Playback of content from this region is not permitted.” To play the DVD, you must change the region setting on your DVD drive. DVD region settings can be changed through the operating system or through some DVD players.



**CAUTION:** The region settings on your DVD drive can be changed only 5 times.

- The region setting you select the fifth time becomes the permanent region setting on the DVD drive.
- The number of allowable region changes remaining on the drive is displayed in the **Changes remaining** box on the **DVD Region** tab. The number in the box includes the fifth and permanent change.

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To change DVD settings through the operating system:

1. Select **Start > My Computer**.
2. Right-click in the window and select **Properties > Hardware** tab > **Device Manager**.
3. Click **DVD/CD-ROM drives**, right-click the DVD drive for which you want to change region settings, and then click **Properties**.
4. Make the desired changes on the **DVD Region** tab.
5. Click **OK**.

For additional information, select **Start > Help and Support**.

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## Observing the Copyright warning

It is a criminal offense, under applicable copyright laws, to make unauthorized copies of copyright-protected material, including computer programs, films, broadcasts, and sound recordings. Do not use this computer for such purposes.

## Multimedia hardware

### Identifying your hardware

To see a list of hardware installed in the computer:

1. Select **Start > My Computer**.
2. In the System Tasks window in the left pane, select **View system information**.
3. Select **Hardware** tab > **Device Manager**.

You can also add hardware or modify your device configurations using Device Manager.

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## Using the remote control (select models only)

The remote control allows easy and comfortable control of the computer media software from the palm of your hand.

For details on using the remote control, refer to the remote control documentation located in **Start > Help and Support**.

One of the following remote controls may be included with the computer.



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## Using the optical drive

You can play CDs or DVDs in the optical drive.

For a list of optical drives supported by the computer, refer to the *Drives* guide located in **Start > Help and Support**.



Select models include QuickPlay software that allows you to play a CD or DVD without starting the operating system. Refer to the QuickPlay documentation for details on using this software.

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## Inserting an optical disc



On models with an optional secondary hard drive, the optical drive becomes drive E.

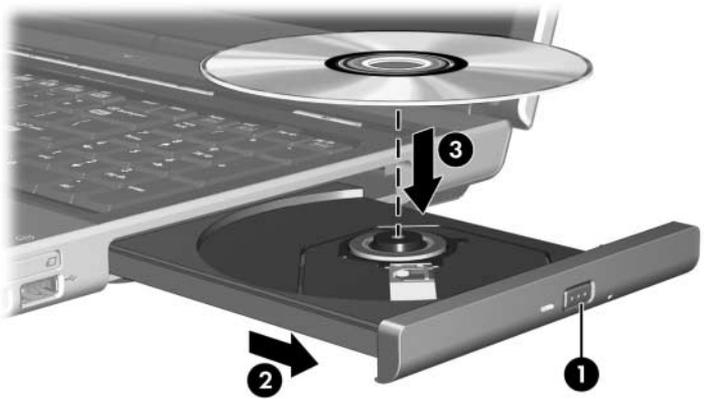
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1. Turn on the computer.
2. Press the release button **1** on the drive bezel to release the media tray.
3. Pull out the tray **2**.
4. Hold the CD or DVD by the edges to avoid touching the flat surfaces, and position the disc over the tray spindle with the label-side up.



If the tray is not fully accessible, tilt the disc carefully to position it over the spindle.

- 
5. Gently press the disc **3** down onto the tray spindle until the disc snaps into place.



6. Close the media tray.



After you insert a disc, a short pause is normal. If you have not selected a default media player, an AutoPlay dialog box opens. It prompts you to indicate how you want to use the media content.

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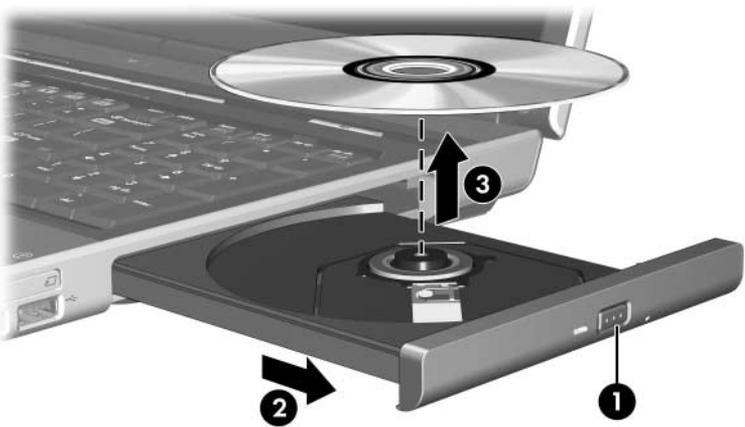
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## Removing an optical disc (with power)

If the computer is running on external or battery power:

1. Turn on the computer.
2. Press the release button **1** on the drive bezel to release the media tray, and then pull out the tray **2**.
3. Remove the disc **3** from the tray by gently pressing down on the spindle while lifting the outer edges of the disc. Hold the disc by the edges and avoid touching the flat surfaces.

 If the tray is not fully accessible, tilt the disc carefully as you remove it.



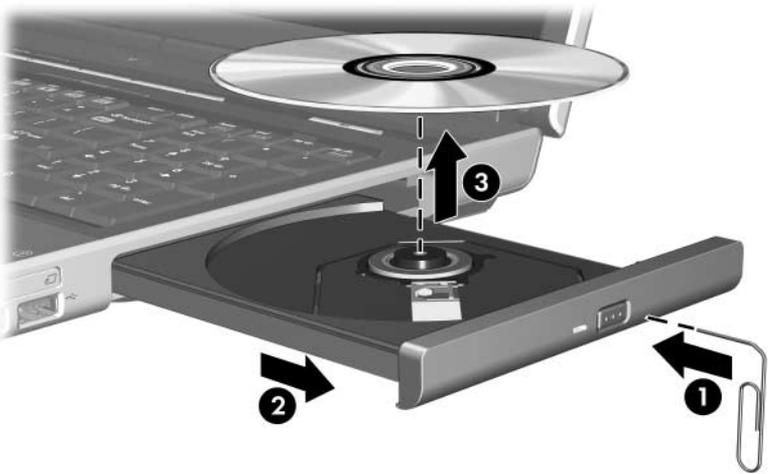
4. Close the media tray and place the disc in a protective case.

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## Removing an optical disc (without power)

If external or battery power are not available:

1. Insert the end of a paper clip **1** into the release access in the front bezel of the drive.



2. Press in gently until the tray is released, and then pull out the tray **2**.
3. Remove the disc **3** from the tray by gently pressing down on the spindle while lifting the outer edges of the disc. Hold the disc by the edges and avoid touching the flat surfaces.

 If the tray is not fully accessible, tilt the disc carefully as you remove it.

4. Close the media tray and place the disc in a protective case.

### Audio features

The following illustration and table describe the audio features of the computer.

Hardware and software included with the computer may vary by region and by model. The illustrations in this chapter show the most common audio hardware.



Component	Description
① Volume down button	Decreases computer sound.
② Volume mute button	Turns off computer sound.
③ Volume mute light	On: Computer sound is off.
④ Volume up button	Increases computer sound.
⑤ Audio-in (microphone) jack	Connects an optional monaural (single sound channel) microphone.
⑥ Audio-out (headphone) jack	Produces computer stereo sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio.   This jack can also be used to output S/PDIF digital audio.
⑦ Speakers	Produce computer sound.

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## Using the audio-in (microphone) jack

The computer is equipped with a microphone jack that supports an optional monaural (single sound channel) microphone.

When connecting a microphone to the microphone jack, use a microphone with a 3.5-mm plug.

## Using the audio-out (headphone) jack



**WARNING:** To reduce the risk of personal injury, adjust the volume before putting on headphones, ear buds, or a headset.

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In addition to connecting headphones, you can use the headphone jack to connect the audio function of an audio/video device such as a television or VCR. The computer can also transmit S/PDIF digital audio signals through the audio-out jack.

When connecting a device to the headphone jack use only a 3.5-mm stereo plug.

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When a device is connected to the headphone jack, the internal speakers are disabled.

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## Using S/PDIF digital audio

S/PDIF (Sony/Philips Digital Interface), or digital audio, provides enhanced audio performance, including surround sound and other high-end audio output.

For digital audio connections, connect the S/PDIF digital audio plug to the digital audio connector on your audio/video equipment.

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In order to use S/PDIF with your headphone jack, you will need an optional mini TOS link cable and/or adapter.

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# Adjusting the volume

You can adjust the volume using the following controls:

■ **Computer volume buttons**

- To mute or restore volume, press the volume mute button.
- To decrease the volume, press the volume down button.
- To increase the volume, press the volume up button.

■ **Windows volume control:**

1. Click the **Volume** icon in the notification area, at the far right of the taskbar.
2. Increase or decrease the volume by moving the slider up or down. Select the **Mute** check box to mute the volume.

– or –

1. Double-click the **Volume** icon in the notification area.
2. In the **Volume Control** column, increase or decrease the volume by moving the **Volume** slider up or down. You can also adjust the balance or mute the volume.

If the Volume icon is not displayed in the notification area, follow these steps to place it there:

1. Select **Start > Control Panel > Sounds, Speech, and Audio Devices > Sounds and Audio Devices**.
2. Click the **Volume** tab.
3. Select the **Place volume icon in the taskbar** check box.
4. Click **Apply**.

■ **Application volume control:**

Volume can be adjusted within some applications.

### Video features

The computer includes the following video features:

- S-Video-out jack connects a range of advanced video components.
- External monitor port connects a television, monitor, or projector.



The location of jacks and connectors varies by model.

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## Using the S-Video-out jack

The S-Video-out jack connects the computer to an optional S-Video device such as a television, VCR, camcorder, overhead projector, or video capture card. The S-Video connection provides a higher quality image than a composite-video connection.

The computer can support one S-Video device connected to the S-Video-out jack, while simultaneously supporting an image on the computer display and on any other supported external display.



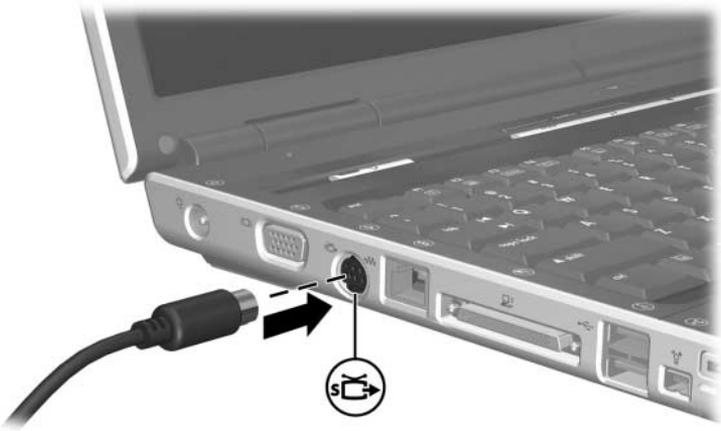
To transmit video signals through the S-Video-out jack, you need an S-Video cable, available from most electronics retailers. If you are combining audio and video functions, such as playing a DVD movie on the computer and displaying it on your television, you also need a standard audio cable connected to the headphone jack, available from most electronics retailers.

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To connect a video device to the S-Video-out jack:

1. Plug one end of an S-Video cable into the S-Video-out jack on the computer.



2. Connect the other end of the cable to the video device, as instructed in the documentation included with the device.
3. Press the **fn+f4** keys to switch the image between display devices connected to the computer.



If the S-Video-out jack on the computer is not accessible because the computer is docked in an optional docking device, connect the S-Video-cable to the S-Video-out jack on the docking device.

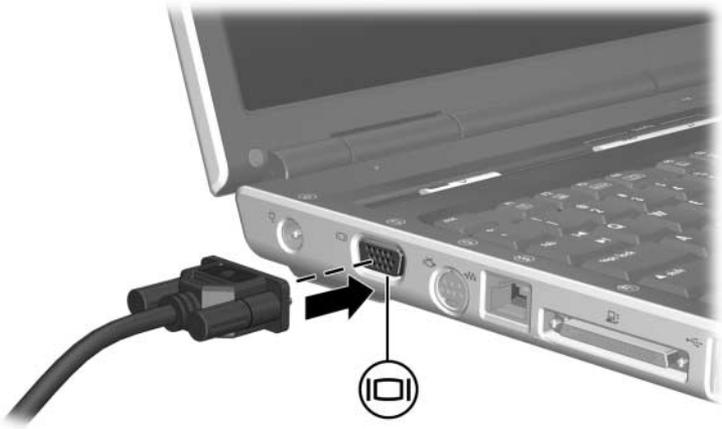
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## Using the external monitor port

The external monitor port connects an external display device to the computer.

To connect a display device, connect the device cable to the external monitor port.



If a properly connected external display device does not display an image, press **fn+f4** to transfer the image to the device.

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# Index

## A

- audio cable 18
- audio-in (microphone) jack  
17, 18
- audio-out (headphone) jack  
17, 18
- AutoPlay 1

## B

- buttons
  - DVD 3, 4, 5
  - Media 3, 4, 5
  - mute 17
  - volume 17

## C

- cables
  - audio 18
  - S-Video 21
- CDs
  - inserting 12
  - playing 1
  - removing 14
  - setting AutoPlay preferences 1
  - copyright warning 10

## D

- digital audio 18
- DVD button 3, 4, 5
- DVDs
  - changing regional settings 9

## H

- headphone (audio-out) jack  
17, 18
- headphones 18

## I

- installing software 2
- internal microphone 18

## J

- jacks
  - audio-in (microphone) 17, 18
  - audio-out (headphone) 17, 18
  - S-Video-out 21

## L

- lights, mute 17

---

## **M**

media activity hotkeys 6  
Media button 3, 4, 5  
microphone (audio-in) jack  
    17, 18  
monitor port 23  
monitor, connecting 23  
multimedia hardware 10  
mute button 17  
mute light 17

## **O**

optical disc  
    inserting 12  
    removing 14, 15

## **P**

playback 7  
ports, monitor 23  
projector, connecting 23

## **Q**

QuickPlay buttons 3  
QuickPlay software 4

## **R**

regional settings for DVDs 9  
remote control 11

## **S**

S/PDIF 18  
software  
    AutoPlay 1  
    installing 2  
speakers 17  
S-Video cable 21  
S-Video-out jack 21

## **T**

television, connecting 23

## **V**

VCR  
    connecting audio 18  
    connecting video 20  
video device 20  
volume buttons 17  
volume, adjusting 19

## **W**

Windows Media Player 1

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