

# GameBridge TV USB 2.0 Edition AVC-1410

## User's Guide



**adaptec<sup>®</sup>**

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- The TSID number is included on two white, bar-coded labels, like the example below.



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- Search the Adaptec Support Knowledgebase (ASK) at [ask.adaptec.com](http://ask.adaptec.com) for articles, troubleshooting tips, and frequently asked questions for your product.
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### Federal Communications Commission Radio Frequency Interference Statement

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment 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 instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. However, if this equipment does cause interference to radio or television equipment 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 equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.
- Use a shielded and properly grounded I/O cable and power cable to ensure compliance of this unit to the specified limits of the rules.

This device complies with part 15 of the FCC rules. Operation 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.




### Japanese Compliance (Voluntary Control Council Initiative)

This equipment complies to class B Information Technology equipment based on VCCI (Voluntary Control Council for Interface). This equipment is designed for home use but it may causes radio frequency interference problem if used too near to a television or radio. Please handle it correctly per this documentation.

## **In this Guide**

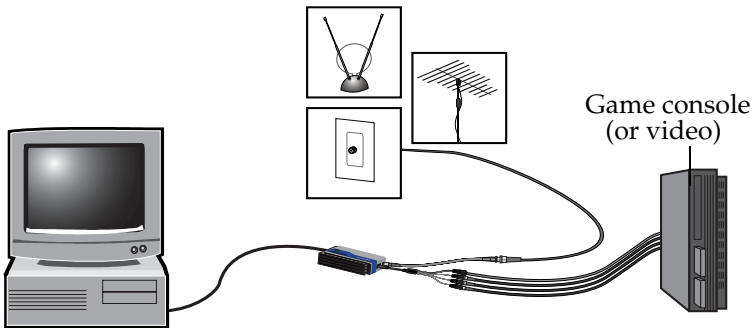
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# Introduction

Thank you for purchasing the Adaptec AVC-1410 GameBridge™ TV device, USB 2.0 Edition. This product allows you to connect and play console games on your computer in real time. You can record and save your best moves and gaming highlights and show them to your friends. You can also convert home videos to video CDs or DVDs, and watch TV.

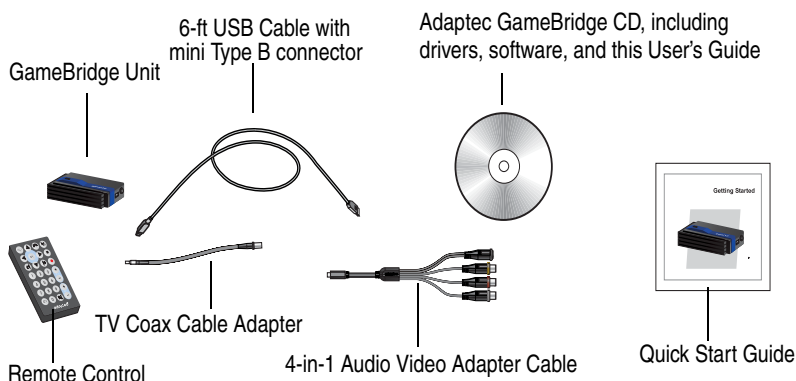


The Adaptec GameBridge TV kit includes a complete suite of software that you use to:

- Connect your game console to your computer
- Play console games on your computer, maximizing your gaming environment and enhancing the quality of your game graphics
- Record games as you play them
- Share the videos of your games with friends, proving your superior gaming skills
- Watch TV on your computer
- Capture video from camcorders and VHS tapes
- Burn game videos and television programs to VCDs or DVDs

## What's in the Kit

In addition to the carrying pouch, your GameBridge TV kit includes:

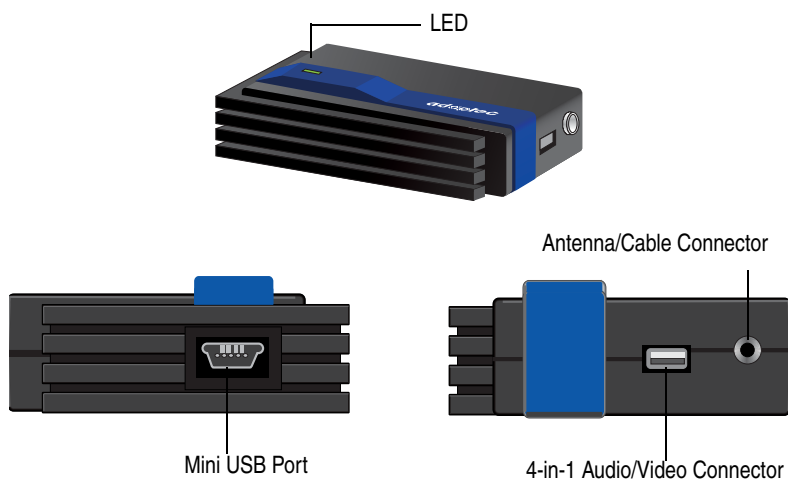


## System Requirements

To use GameBridge TV, you need a PC-compatible computer with:

- Intel Pentium® IV Celeron® or AMD® Athlon processor at 1.3 GHz (or faster)
- Windows® 2000 SP4, or Windows XP SP2
- 256 MB RAM (512 MB recommended)
- 250 MB free disk space for applications
- 110–480 MB free disk space per 10 minutes of captured video, depending on resolution and capture quality (see the tables on pages [39](#) and [40](#) for more information)
- DirectX 9 compatible graphic accelerator and sound card
- Available USB 2.0 port
- CD-R/W or DVD-R/W drive

# This is Your AVC-1410 GameBridge Unit



## Power LED Status

The LED on the top of GameBridge lights up to indicate the status of operation:

LED Color	Condition	Description
Off	-	Device is off.
Green	Steady	Device is ready for use.
Green	Blinking	Data is being transferred.
Red	Blinking	Remote control signal is detected.

# Installing GameBridge

This section steps you through the process of installing GameBridge, the device driver, and InterVideo Home Theater software. The installation program checks your computer to ensure that the minimum hardware requirements are met.

Installing GameBridge is easy--the installation CD guides you through the process. After prompting you to install the GameBridge hardware, it installs the device drivers using a two-step process (first installing the USB loader, then the device driver), and then it installs the InterVideo Home Theater software.

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**Note:** If a version of InterVideo Home Theater is already installed on your computer, uninstall it before installing this version.

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- For Windows XP, see this page.
- For Windows 2000 SP4, see [page 12](#).

## Windows XP

To install GameBridge, follow these steps:

- 1 Turn on your computer.
- 2 Insert the GameBridge Installation CD. The GameBridge installation window appears:



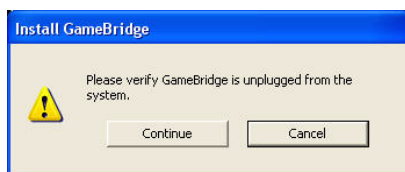
### 3 Click **Install GameBridge**.

If the following message is displayed, make sure GameBridge is unplugged from your computer, then click **Continue**.

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**Note:** If you click **Cancel** in the following window, you must restart the installation process.

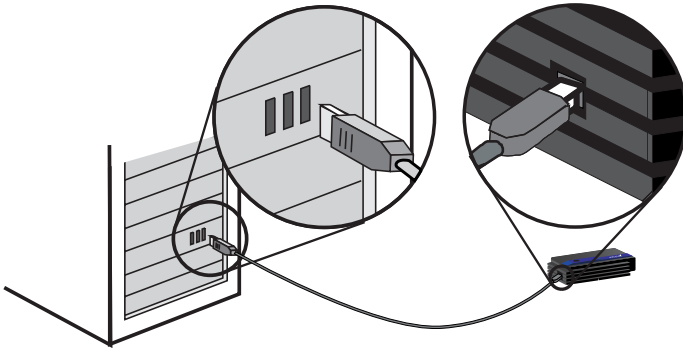
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### 4 The Install GameBridge window opens, alerting you to connect GameBridge to your computer's USB 2.0 port. At this time, you will connect all the equipment.



- 5 Connect GameBridge to your computer using the USB cable.



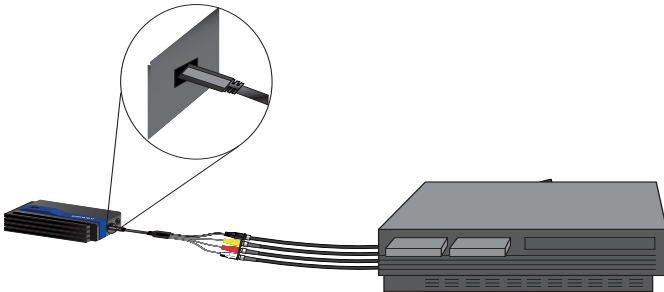
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**Note:** To operate properly, GameBridge requires USB 2.0. If you plug GameBridge into a USB 1.1 port, you'll see the following message during driver installation indicating that GameBridge will run at a reduced (USB 1.1) speed:

A hi-speed USB device is plugged into a non-hi-speed USB hub.

---

- 6 Connect GameBridge to your game console using the 4-in-1 Audio Video cable. GameBridge can be connected to PlayStation<sup>®</sup> 2, Xbox<sup>®</sup>, or GameCube<sup>®</sup> consoles.



Connect white audio plug to white audio port and red audio plug to red audio port.

Connect yellow video plug to yellow video port.

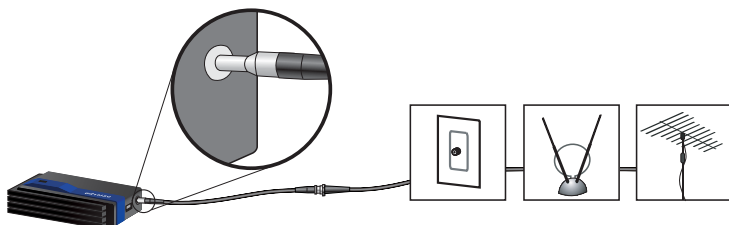
Connect gray S-video plug to analog video input port (if available).

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**Note:** To record videos, connect GameBridge to a camcorder or VHS the same way .

---

- 7 Connect GameBridge to your TV source using the TV coax cable included in your kit.



- 8 When the Found New Hardware Wizard opens, select No, not at this time and click **Next**.



At this time, the following message may display. Click **Continue Anyway**.



---

**Note:** Adaptec drivers are fully tested and certified to work with GameBridge.

---

- 9 Select Install Software Automatically (default) and click **Next**.





Your computer will detect the new hardware.



- 10 Click **Finish** to complete the USB Loader installation.
- 11 The Found New Hardware Wizard opens again. Repeat [Step 8](#) through [Step 10](#) to install the device drivers

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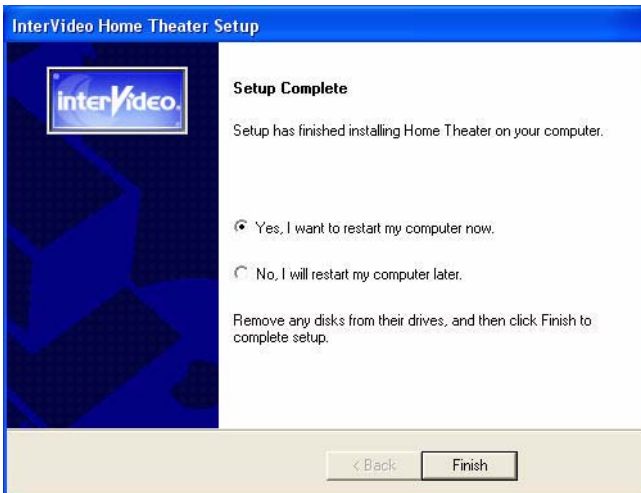
**Note:** To confirm that the driver is installed properly, see [Need Help Installing Your Device Drivers? on page 37](#).

---

- 12 The InterVideo Home Theater software installer launches automatically. Follow the on-screen instructions.



- 13 After the installation is complete, click Yes, I want to restart my computer now.



- 14 After the computer restarts, you are ready to set up InterVideo Home Theater and then play and record games. See [Configuring InterVideo Home Theater on page 17](#).

## Windows 2000 SP4

To install GameBridge, follow these steps:

- 1 Turn on your computer.
- 2 The GameBridge installation window appears:



- 3 Click Install GameBridge.

If the following message is displayed, make sure GameBridge is unplugged from your computer, then click **Continue**.

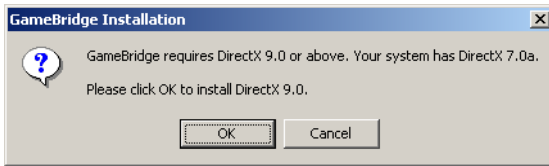
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**Note:** If you click Stop Installation in the following window, you must restart the installation process.

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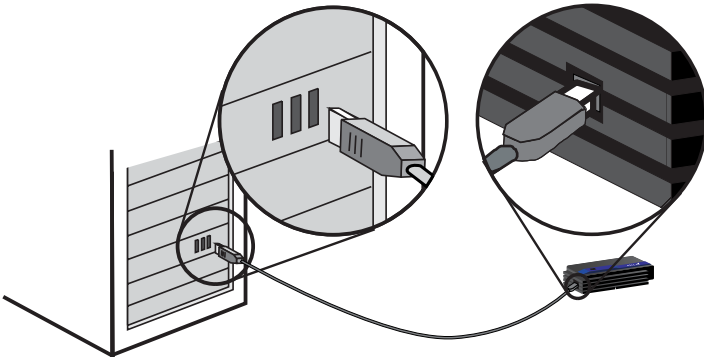
If your PC does not have DirectX 9.0 installed, the following window is displayed. Click OK to continue and follow the on-screen instructions. Your computer will reboot after DirectX 9.0 has been installed. When the system restarts, repeat Step 2 above.



- 4 The Install GameBridge window opens, alerting you to connect GameBridge to your computer's USB 2.0 port. At this time, you will connect all the equipment.



- 5 Connect GameBridge to your computer using the USB cable.



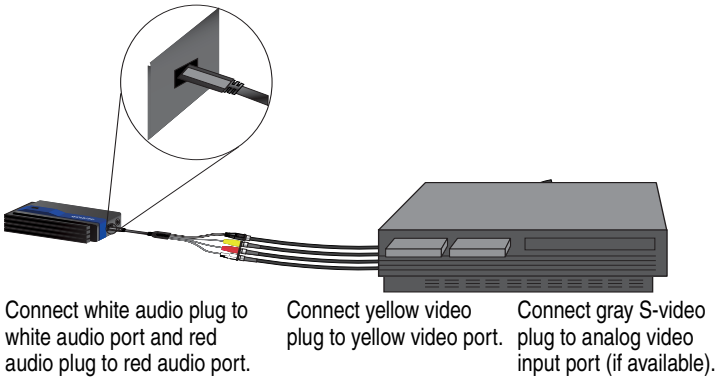

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**Note:** To operate properly, GameBridge requires USB 2.0. If you plug GameBridge into a USB 1.1 port, you'll see the following message during driver installation indicating that GameBridge will run at a reduced (USB 1.1) speed:

A hi-speed USB device is plugged into a non-hi-speed USB hub.

---

- 6** Connect GameBridge to your game console using the 4-in-1 Audio Video cable. GameBridge can be connected to PlayStation<sup>®</sup> 2, Xbox<sup>®</sup>, or GameCube<sup>®</sup> consoles.



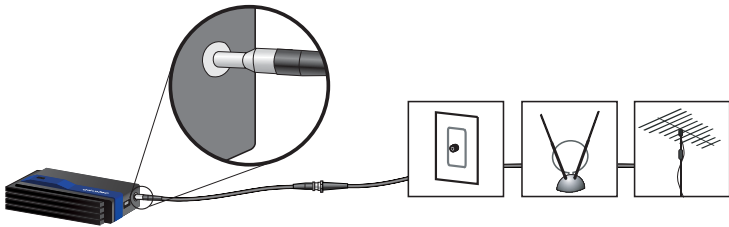
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**Note:** To record videos, connect GameBridge to a camcorder or VHS the same way .

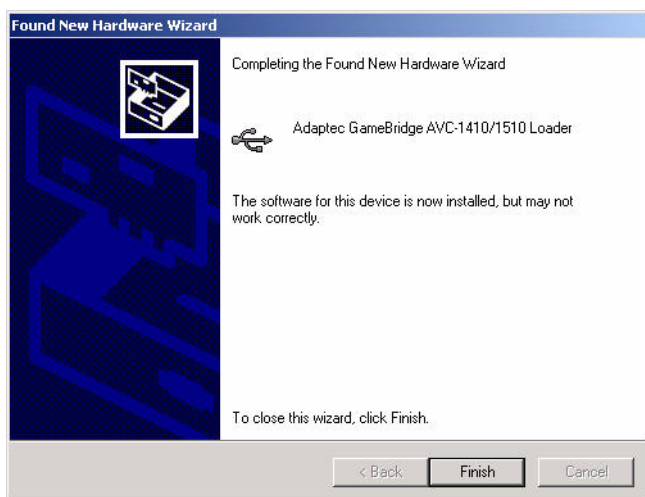
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- 7** Connecting a TV Source

Connect GameBridge to your TV source using the TV coax cable.



- 8 Click **Finish** to complete the USB Loader installation.



- 9 If the Digital Signature window opens, click **Yes**.

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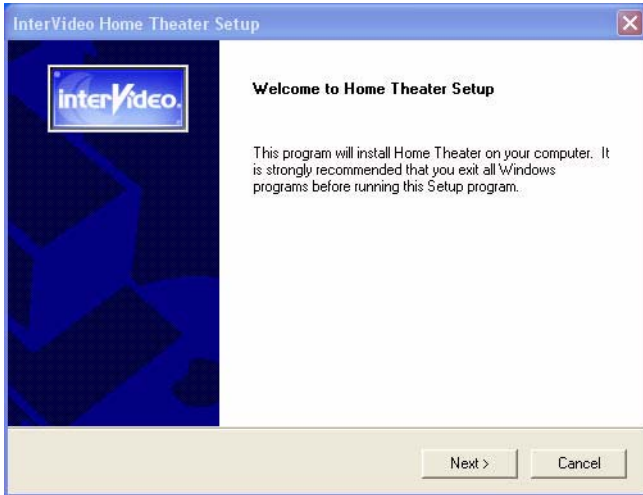
**Note:** Adaptec drivers are fully tested and certified to work with GameBridge.

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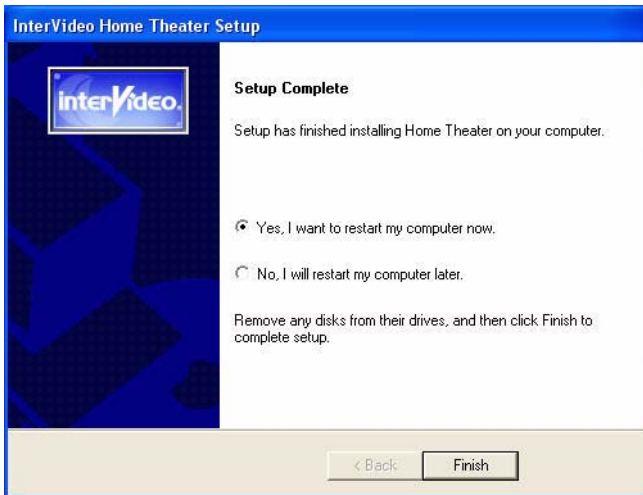


To confirm that the driver is installed properly, follow the instructions provided in *Need Help Installing Your Device Drivers?* on page 37.

- 10 The InterVideo Home Theater software installer launches automatically. Follow the on-screen instructions.



- 11 After the installation is complete, select Yes, I want to restart my computer now.




- 12 After the computer restarts, you are ready to set up InterVideo Home Theater and then play and record games. See [Configuring InterVideo Home Theater on page 17](#)

# Configuring InterVideo Home Theater

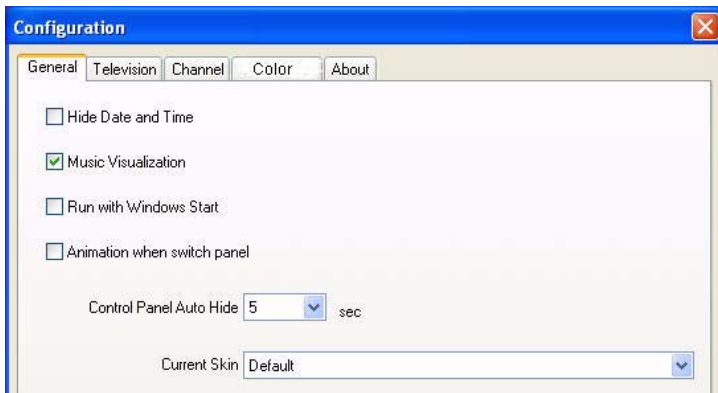
Once you have installed the software and connected GameBridge TV, you should configure InterVideo Home Theater.

To do so, make sure InterVideo Home Theatre is not running. Then, open the Configuration window by going to your Start menu on the Windows desktop and selecting **Programs> InterVideo Home Theater> InterVideo Home Theater Config**. The following window opens:

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**Note:** Setting options for GameBridge is described in this document. Setting options for TV and video recording is described in the online Help. To access the online Help, click  in the upper left portion of the main GameBridge window.


---



Navigate through this window to set various configuration settings for InterVideo Home Theater:

- 1 Make sure GameBridge is connected to your game console and your computer, and that the GameBridge LED indicator is solid green. You should also have a game running so that you can adjust your video settings.
- 2 Select the **Color** tab in the Configuration window.



- 3 Adjust your game's video brightness, contrast, hue, and saturation level by moving the appropriate sliding bar. As you slide the bar, you'll see the changes take place in the preview window. If you decide you don't like the changes, click the **Default** button to return to the original settings.
- 4 You can also select the location where you want to store your recorded games. Click the **Browse** button  under Storage Location and navigate to the folder where you want recorded games to be stored.
- 5 Click **OK** to save your preferences.

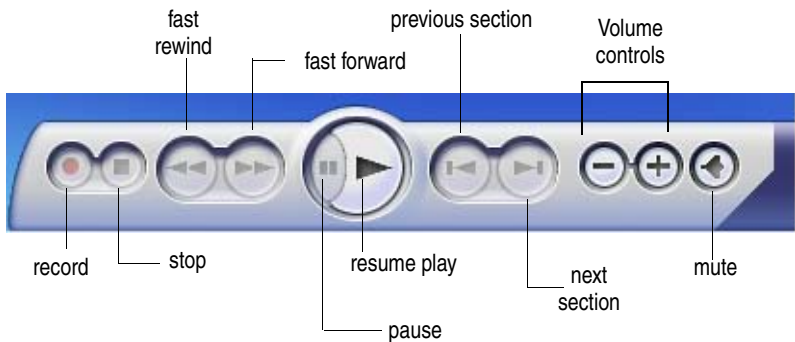
# Navigating InterVideo Home Theater

You can navigate InterVideo Home Theater using the on-screen control panel.

## Using the Control Panel

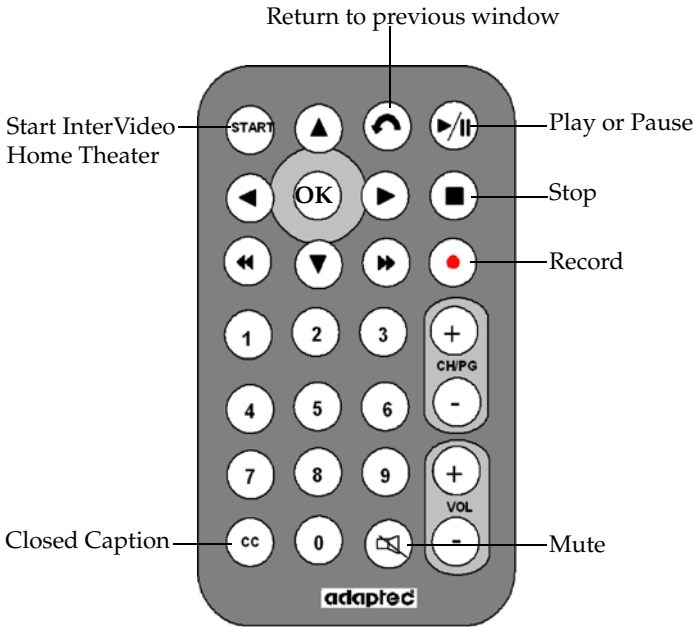
The Control Panel opens in the lower right corner of the InterVideo Home Theater window. By default it disappears 10 seconds after your last action on the window, but you can modify or disable that time using the Configuration window (see [Configuring InterVideo Home Theater on page 17](#) for more information).

Use the mouse to navigate the buttons on the Control Panel. The function of the buttons changes, depending upon whether you are using a game console or video device. See the online Help for detailed information about each button. In general, the buttons are used as shown here:



## Using the Remote Control

The remote control features buttons and functions similar to standard TV remote controls. The remote control's special features are shown in the figure below.




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**Note:** The **Start** button opens and closes the InterVideo Home Theater software. It does *not* power on your computer.

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## Changing Batteries on the Remote Control

The remote control comes with a lithium cell battery installed (CR2025, 3VDZ). A slip of plastic is inserted beneath the battery to prevent conductivity. Remove this plastic before using the remote control.

To open the battery case and change the battery, see the instructions that are etched into the back of the remote control.

# Playing and Recording Console Games on Your PC

With your GameBridge TV device, you can convert video from your game console to your computer screen, maximizing your gaming environment and enhancing the quality of your game's graphics. You can:

- Play console games on your computer (see this page).
- Record a game as you play (see [page 24](#)).
- Burn a video of your game to a DVD or CD (see [page 25](#)).

## Playing Games on Your Computer

After installing the InterVideo Home Theater software and connecting GameBridge TV to your computer and your game console, you can start playing games.

- 1 Double-click the InterVideo Home Theater icon .

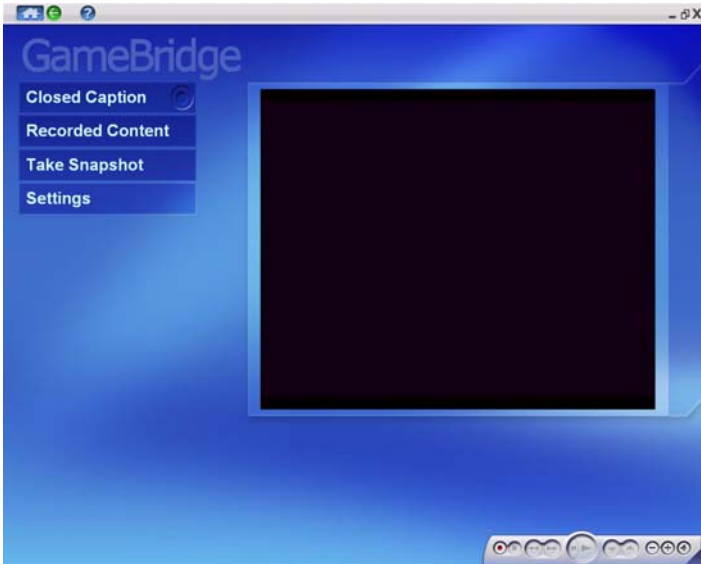


- 2 Select the **GameBridge** option.

---


**Note:** The first time you open GameBridge, you may be taken directly to the Settings window where you can configure basic video and recording settings. See [Customizing the GameBridge Settings on page 23](#) for more information.

---



- 3 Insert a game into your game console. It immediately starts in the GameBridge window.

---

**Note:** To display the game using full screen, double-click the game in the window. To return to the smaller view, click the **Back** icon  in the upper left corner of the screen.

---

## Customizing the GameBridge Settings

- 1 From the main GameBridge window, click **Settings**. The Settings window displays.



- 2 Check the following settings:

Setting	Selections	Description
Video Capture Device	Adaptec GameBridge AVC-14x0/15x0	Identifies GameBridge as your gaming device.
Input Source	Composite S-Video	Select the type of video input you are using. Note that S-Video produces a sharper image than composite.
Record Quality	Good Better Best	<sup>1</sup> Choose a setting appropriate for your computer's CPU speed: ■ <b>Good:</b> equal to or greater than 1.3 GHz (Win XP) or 1.8 GHz (Win 2000) ■ <b>Better:</b> equal to or greater than 1.8 GHz (Win XP) or 2.0 GHz (Win 2000) ■ <b>Best:</b> equal to or greater than 2.4 GHz (Win XP) or 2.6 GHz (Win 2000)

<sup>1</sup>To determine your computer's CPU speed, go to your desktop and right-click the My Computer icon. Then select **Properties**. The CPU speed is shown on the General tab.

## Recording Your Game

With GameBridge TV, you can capture a video of your game as you play it—with NO impact on performance. GameBridge TV allows you to play and record simultaneously.

- 1 Ensure you have enough disk space on your hard drive to accommodate the new file. See [Need Help Recording? on page 39](#) for help estimating file sizes.
- 2 Start playing a game (see [Playing Games on Your Computer on page 21](#)).
- 3 From the main GameBridge window, either click **Record** on the Control Panel (see [Using the Control Panel on page 19](#)) or click the **Record** button on the remote control (see [Using the Remote Control on page 20](#)).
- 4 Continue to play your game as usual. The software records the game as you are playing.
- 5 When you have finished recording the game sequence, click **Stop** on the Control Panel or the remote control. The recorded sequence is automatically stored in the folder you specified when you chose your GameBridge settings (see [Configuring InterVideo Home Theater on page 17](#)).
- 6 To view your recorded game sequence, click **Recorded Content** in the GameBridge window and double-click the recorded sequence you want to watch.

## Burning the Video of Your Game to a DVD or CD

Once you have recorded your game, you can burn it to a DVD or CD and share the evidence of your superior skills with your friends.

- 1 From the main GameBridge window, click **Recorded Content**.



- 2 Select the recording that you want to burn to a CD or DVD.
- 3 Click **Create Disc** and follow the on-screen instructions.

You are notified when your DVD or VCD is successfully completed. On average, a 30 minute DVD or VCD can take from 1 to 2 hours to burn (depending on the speed of your computer and DVD/CD burner).

## Taking Snapshots


You can take a snapshot (still picture) as you are playing a game or while watching a recording of the game. Just click **Take Snapshot** in the GameBridge window or in the Recorded Content window. Snapshots are stored in the C:\My Documents\My Pictures folder.



# Watching and Recording TV

You can watch and record TV programs on your computer, using InterVideo Home Theater™ and your GameBridge TV device as your TV tuner. You can:

- Watch TV (see [page 27](#)).
- Record a TV program (see [page 28](#)).
- Setup program guide (see [page 29](#)).
- Schedule a program to be recorded (see [page 32](#)).
- Watch a recorded program (see [page 33](#)).
- Capture a still image from TV (see [page 25](#)).

To get more information about any of these features, click  in the upper left area of the window to open the online help.

Before you begin:

- Connect your TV source to GameBridge (see [page 8](#)).
- Power on your computer.

## Using a Set-top Box

If you have connected a digital cable or satellite receiver to GameBridge, there are two ways you can connect using a set-top box:

- 1 Use the coax cable to connect the set-top box to GameBridge TV's TV input connector. You must set InterVideo to match your set-top box output (usually channel 3 or 4) and use the set-top box remote control to tune your TV signal. The channel selection buttons on the InterVideo Control Panel/keyboard/remote control will not work.
- 2 Use the S-Video or composite video 4-in-1 cable to connect the set-top box to GameBridge TV's audio/video connector. You must use the set-top box remote control to tune your TV signal. The channel selection buttons on the InterVideo Control Panel/keyboard/remote control will not work.

## Watching TV

You can use your computer monitor like a regular television to view *live TV* (TV programs that are currently on).

To watch TV:

- 1 Press **Start** on the remote control to open InterVideo Home Theater.
- 2 From the opening window, select **TV**.



- 3 When you use InterVideo Home Theater to watch TV for the first time, the TV settings window may be displayed. Click the **AutoScan** button and InterVideo Home Theater scans all available channels into a Channel List, which you can then customize.

When scanning is complete, you can use the remote control to select channels.

- 4 Select the channel you want, change channels and adjust volume, as you normally would when watching TV.

---

**Note:** You have several options for manipulating the TV channels and controls. You can use the GameBridge TV remote control, you can use your mouse to operate the InterVideo Control Panel, or you can type a channel number on the keyboard.

---

## Recording TV

You can use InterVideo Home Theater to record a TV program and save it to your hard disk for later viewing.

To record TV programming:

- 1 Ensure you have enough disk space on your hard drive to accommodate the new file. See [Need Help Recording? on page 39](#) for help estimating file sizes.
- 2 Select the channel you want.
- 3 Click the **Record** button on the Control Panel or the remote control to begin recording.
- 4 Click the **Stop** button when you're finished recording.
- 5 When prompted, enter a name for the recorded file, then click **OK**.
- 6 To view your recorded TV program, click the **Recorded TV** button on the main GameBridge TV window.

---

**Note:** You can configure where your recorded programs will be saved by opening the **Configuration** window, selecting the **Television** tab, and browsing to the folder where you want the files to be saved.

---

## Setting Up the TV Program Guide

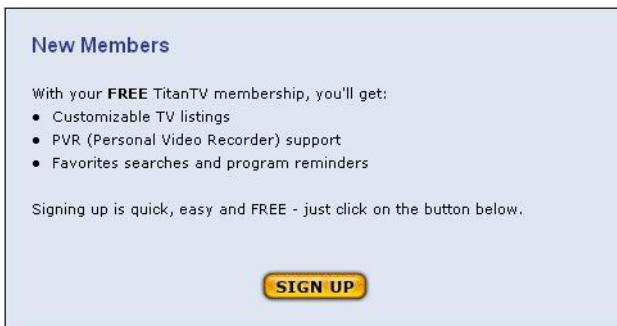
This TV guide allows you to see what's showing on TV in your local area. Once you have set up your free account you will be able to look for upcoming programs, select programs to record, and much more. Refer to the Titan TV webpage ([www.titantv.com](http://www.titantv.com)) for more information on how to use this service.

To set up your Titan TV account, follow these steps:

- 1 Connected to the internet.
- 2 On the main GameBridge TV window, select **Guide**.



- 3 Select Sign up to register for a free Titan TV membership.



- 4 Enter your name, email address, a login name and a password.

**Create Your TitanTV Login**

\* First Name:

Last Name:

\* Email Address:

\* Login Name:  ⓘ

\* Password:   
Password must be at least 6 characters.

\* Re-Type Password:

Password Hint:  ⓘ

- 5 Type your street address.

**Address From Where You Watch TV**

\* Street Address:

\* City:

\* State:  ▼

\* ZIP Code:

Country:  ▼ ⓘ

- 6 Select GameBridge TV as your PVR/Tuner Type (Personal Video Recorder) from the list.

**Digital Receivers and PVR Cards Owned**

Digital Receivers: ☐ PC DTV Receiver  
☐ Digital / High Definition Set Top Decoder Box  
☐ Digital / High Definition TV

\* PVR/Tuner Type:  ▼ ⓘ

- 7 Select any offers you would like to receive.

**Privacy and Contact Preferences**

Contact Me: ☐ With messages and promotional offers from advertisers.  
☐ With messages from my local broadcasters.  
☐ With TitanTV.com news and special offers.  
☐ With beta test opportunities for new TitanTV features and functionality.

- 8 Read the terms and conditions and if you agree with them, select **I agree**.

**Terms of Service**

Please review the following terms and indicate your agreement below. [Printable Version](#)

DECISIONMARK CORP AND TITANTV.COM

PLEASE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE USING THIS SITE. By using this site, you signify your assent to these terms of use. If you do not agree to

By clicking on "I Agree" you agree and consent to (a) the TitanTV [Terms of Service](#) and [Privacy Policy](#), and notifications from TitanTV electronically.

You have successfully created a Titan TV account.

## Scheduling Recording

You can program InterVideo Home Theater to record a TV program or remind you of an upcoming program. To schedule recording:

- 1 Open the main Gamebridge TV window.
- 2 Select **Schedule**, then click **Add**.

The **Add** window opens and you can select to create a schedule of programs.

The screenshot shows the 'Add' window in the Gamebridge TV interface. The window has a blue background with a 'TV' logo in the top left. On the left side, there is a list of fields: Program Name, Channel, Frequency, Start Date, Start Hour, Start Minute, Duration, and Record Quality. To the right of these fields are input boxes or dropdown menus. The 'Program Name' field contains 'Program1117744054'. The 'Channel' field is empty. The 'Frequency' dropdown is set to 'One time only'. The 'Start Date' is '6/2/2005'. The 'Start Hour' is '13'. The 'Start Minute' is '30'. The 'Duration' is '30 minutes'. The 'Record Quality' dropdown is set to 'Better'. To the right of the input fields are navigation arrows (left and right) for each field. At the bottom right of the window is a 'Finish' button. In the bottom left corner, there is a small preview window showing a dark image with some text.

---

**Note:** If you have a digital cable or satellite receiver, see [Scheduling Recording with a Set-top Box on page 33](#) for important recording information.

---

- 3 Make sure GameBridge is connected to the TV source and your computer is powered on at the time the recording is scheduled. If you have a digital cable or satellite receiver, also leave your set-top box powered on. You do not need to open InterVideo Home Theater—it opens automatically at the scheduled time.

## Scheduling Recording with a Set-top Box

*Digital cable or satellite receiver users only*—InterVideo Home Theater cannot control the channel setting of your set-top box.

To schedule the recording of a single TV program or multiple TV programs that all appear on the same channel:

- 1 Set the programs' channel on your set-top box.
- 2 Open the **Add** window (shown on [page 32](#)) for each scheduled program and change the TV channel setting to 3.
- 3 Leave your set-top box powered on at the time recording is scheduled.

To schedule the recording of multiple programs that do not all appear on the same channel:

- 1 Open the **Add** window (shown on [page 32](#)) for each scheduled program and change the TV channel setting to 3.
- 2 Manually change the channel on your set-top box before the scheduled recording times, as required. (Make sure you don't change channels *during* a recording session.)
- 3 Leave your set-top box powered on at the time recording is scheduled.

## Watching a Recorded Program

You can watch a saved TV program on your computer monitor. (If you want to burn your saved TV program onto a DVD or CD, see [Burning a DVD or VCD on page 34.](#))

To watch a saved TV program:

- 1 Click **Recorded TV** in the TV window.
- 2 Select the program you want to watch, then click the **Play** button on the Control Panel or the remote control.
- 3 Click the **Stop** button when you are finished viewing the program.



## Burning a DVD or VCD


You can burn your recorded TV program to a recordable DVD or CD.

- 1 Insert a recordable DVD or CD into your computer's DVD or CD recorder.
- 2 From the **Recorded TV** window, click **Create Disc**.
- 3 Follow the on-screen instructions.

You will be notified when your DVD or VCD is successfully completed. On average, a 30 minute DVD or VCD can take from 1 to 2 hours to burn (depending on the speed of your computer and DVD/CD burner).

## Finding More Information

To learn more about how to use InterVideo Home Theater for watching and recorded TV programs:

- In the InterVideo Home Theater opening window, click  to open the online help.
- You can also open the online help by going to **Start>Programs>InterVideo Home Theater>InterVideo Home Theater Help**.

# Recording Videos

With your GameBridge TV device, you can record video from your camcorder or VCR and save the video clips on your computer. Then you can view the videos or burn them to a CD or DVD.

- 1 Attach your camcorder or VHS to the GameBridge TV device the same way you would attach your game console (see [page 7](#)).
- 2 Open InterVideo Home Theater, then select the **GameBridge** option.
- 3 Follow the instructions in [Playing Games on Your Computer on page 21](#), [Recording Your Game on page 24](#), and [Burning the Video of Your Game to a DVD or CD on page 25](#) to view, record, and replicate your video.

---

**Note:** Your recorded videos are stored along with your recorded games.

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# Getting Help

## Registering GameBridge TV

To ensure your eligibility for support and upgrades, and to qualify for future promotions, please register your AVC-1410 on the Adaptec Web site at [register.adaptec.com](http://register.adaptec.com).

## Need Help with GameBridge TV?

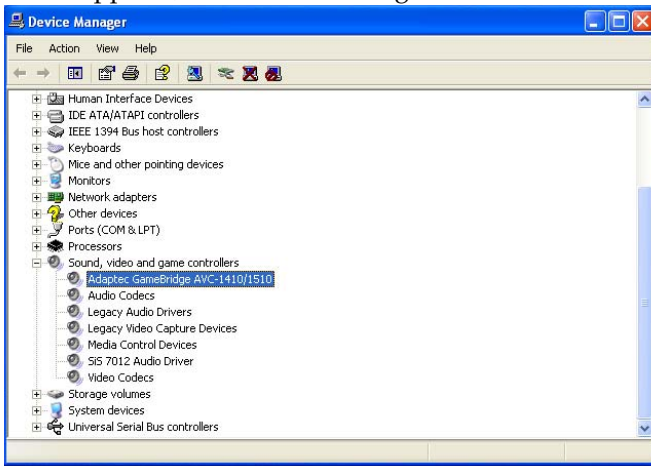
- Ensure that your game console is connected and powered on, or that your TV source (cable, receiver, antenna) is properly connected.
- Double-check all cable connections.
- Try connecting to a different USB port on your computer. In doing so, you may need to reinstall the drivers.
- If GameBridge TV is connected to a USB hub, try connecting it directly to your computer's USB port. You may also need to reinstall the drivers.
- Adaptec recommends that you only connect GameBridge TV to a USB 2.0 port.
- Ensure that GameBridge TV is properly connected and that the drivers are correctly installed. This will be indicated when the green Power LED on GameBridge is solid. See [Need Help Installing Your Device Drivers?](#) on page 37 for help checking driver installation.

# Need Help Installing Your Device Drivers?

To ensure that the driver for your operating system has installed properly, you may want to double-check your driver installation.

## For Windows XP

- 1 From the Windows Start menu, select **Control Panel**. Double-click the **System** icon. The System Properties window opens.
- 2 Select the **Hardware** tab, then select **Device Manager**.
- 3 Click the '+' next to **Sound, video and game controllers** to expand the view. Check that Adaptec GameBridge AVC-1410/1510 Device appears, as shown in the figure below.



---

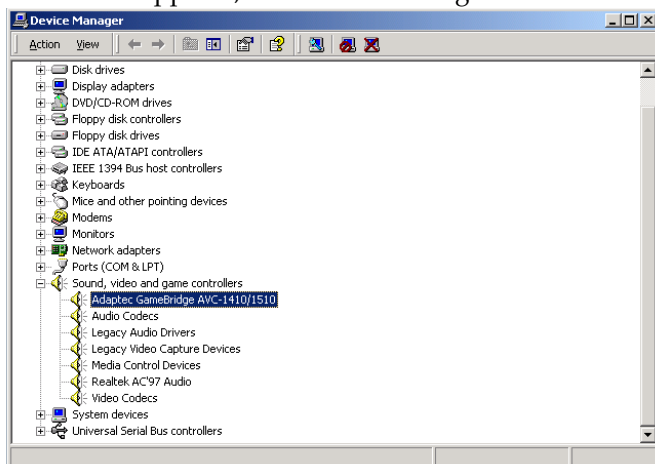
**Note:** The details of the window you see on your computer may differ from the one shown above.

---

If GameBridge doesn't appear, refer to [Need Help with GameBridge TV? on page 36](#).

## For Windows 2000

- 1 From the Windows Start menu, select **Settings**, then **Control Panel**, then double-click **System**. The System Properties window opens.
- 2 Click the **Hardware** tab, then select **Device Manager**.
- 3 Click the '+' next to **Sound, video and game controllers** to expand the view, and check that Adaptec GameBridge AVC-1410/1510 Device appears, as shown in the figure below.




---

**Note:** The details of the window you see on your computer may differ from the one shown above.

---

If GameBridge doesn't appear, refer to [Need Help with GameBridge TV? on page 36](#).

---

**Note:** When you first install the GameBridge driver on Windows 2000, you may see a yellow exclamation mark next to the driver in Device Manager. This should only occur if you have not yet installed the InterVideo Home Theater software. Install the InterVideo software to complete the driver installation.

---

## Need Help Recording?

- Ensure that you have enough room on your hard drive to record the programming you want. Use this table to estimate the amount of disk space required:

---

Capture Setting	Disk space required for	
	1 minute of recording	10 minutes of recording
Good	11 MB	110 MB
Better	32 MB	320 MB
Best	48 MB	480 MB

---

- To record a future program:
  - Ensure that the date and time on your computer are accurate.
  - Leave your computer powered on and your AVC-1410 connected to it. If you have a digital cable or satellite receiver, also leave your set-top box powered on.
  - Disable Sleep/Hibernate mode on your computer. Refer to your computer's documentation for instructions.

---

**Note:** Recording a TV program must be scheduled at least four minutes in advance.

---

# Technical Specifications

Technology	USB 2.0
Video Input	Composite (RCA) S-Video
TV Tuner	Standard antenna plug with stereo sound support: F-Conn (NTSC)
Audio Input	Stereo Audio (Left/Right RCA)
Video Capture Format	MPEG-1 and MPEG-2
Bit Rate	Variable-1.15Mb/s to 6Mb/s
Video Standards	NTSC PAL
Video Resolutions	MPEG-2 up to 720 x 480 NTSC 30fps MPEG-2 up to 720 x 576 PAL 25fps MPEG-1 up to 352 x 240 NTSC 30fps MPEG-1 up to 352 x 288 PAL 25fps
PC Interface	USB 2.0
Regulatory Certifications	FCC Class B (See <a href="#">page vii</a> for more information.)



**Adaptec, Inc.**  
691 South Milpitas Boulevard  
Milpitas, CA 95035 USA

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Part Number: CDP-00078-01-A, Rev B LF