Based on the information you provided we are unable to match you with a specific hookup recommendation. For your convenience this document provides the four most common hookup configurations for the devices you specified. You can customize the connections to suit your individual preferences and viewing habits.

**Cable options**

Some hookup recommendations have two cable options listed in the cable section. You will only need the cables listed under the cable option you choose. You can also use a combination of cables rather than one type throughout.

**Connector labels**

This hookup guide uses generic names for connection jacks and input labels. The table below lists some of the label variations you may find on your equipment.

<table>
<thead>
<tr>
<th>Generic labels</th>
<th>Possible variations</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF IN, RF OUT</td>
<td>UHF/VHF, CABLE, LINE, TV</td>
</tr>
<tr>
<td>LINE IN, LINE OUT</td>
<td>VIDEO</td>
</tr>
<tr>
<td>AUDIO IN, AUDIO OUT</td>
<td>FIXED, VARIABLE</td>
</tr>
<tr>
<td>MONITOR</td>
<td>TO TV, VIDEO IN, VIDEO OUT</td>
</tr>
</tbody>
</table>

**Not connecting a set-top box?**

If you don’t have a cable box or satellite receiver (AKA set-top box), skip the steps for the set-top box. Connect the coaxial cable from the wall into the RF in connection on the next device. If you’re not connecting a broadcast signal source, disregard the steps involving the set-top box and begin with the steps for the equipment you are connecting.

**Operating your equipment**

This guide provides basic instructions for operating your equipment. The steps can vary by brand and model. Refer to the manual supplied with your equipment for details specific to your model.
# Table of Contents

## Connect a set-top box and a DVD player to a TV using a coaxial cable and a composite audio/video (A/V) or an s-video cable
- Connection diagram: Pg 4
- When to use this hookup: Pg 5
- What you will need: Pg 5
- Connection instructions: Pg 5
- Test the hookup: Pg 6
- How to operate your equipment: Pg 6

## Connect a set-top box and a DVD player to a TV using composite audio/video (A/V) or s-video cables
- Connection diagram: Pg 8
- When to use this hookup: Pg 9
- What you will need: Pg 9
- Connection instructions: Pg 9
- Test the hookup: Pg 10
- How to operate your equipment: Pg 10

## Connect a set-top box and a DVD player to a TV using component video cables and composite audio cables
- Connection diagram: Pg 12
- When to use this hookup: Pg 13
- What you will need: Pg 13
- Connection instructions: Pg 13
- Test the hookup: Pg 13
- How to operate your equipment: Pg 14

## Connect a set-top box and a DVD player to a TV using HDMI cables
- Connection diagram: Pg 16
- When to use this hookup: Pg 17
- What you will need: Pg 17
- Connection instructions: Pg 17
- Test the hookup: Pg 18
- How to operate your equipment: Pg 18

## Glossary of terms
- Pg 19
Connect a Set-top Box and a DVD Player to a TV Using a Coaxial Cable and a Composite Audio/Video (A/V) or an S-Video Cable

Connection diagram ......................................................... Pg 4
When to use this hookup ............................................... Pg 5
What you will need ........................................................ Pg 5
Connection instructions ................................................... Pg 5
Test the hookup ................................................................ Pg 6
How to operate your equipment ......................................... Pg 6
How to Connect a Set-top Box and a DVD Player to a TV Using a Coaxial Cable and a Composite Audio/Video (A/V) or an S-Video Cable

When to use this hookup

We recommend this hookup to view cable or satellite service and DVD movies on your TV. Your TV must have a composite video or an S-video input to connect the DVD player to your TV.

What you will need

<table>
<thead>
<tr>
<th>Composite A/V Connection</th>
<th>Upgrade Option: S-Video Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Coaxial cable</td>
<td>1 Coaxial cable</td>
</tr>
<tr>
<td>1 Composite A/V cable</td>
<td>1 S-Video cable</td>
</tr>
<tr>
<td>1 Composite audio cable</td>
<td></td>
</tr>
</tbody>
</table>

Connection instructions

1. Connect the coaxial cable from the wall to the RF IN jack on the set-top box.
   **Note:** If your satellite service does not include local channels, you may want to connect an antenna to the TV IN jack on your satellite receiver. Refer to the operating instructions for specific information on switching between satellite and local broadcasts.

2. Connect a coaxial cable to:
   a. RF OUT jack on the set-top box
   b. RF IN jack on the TV

3. Connect a composite A/V cable to:
   a. LINE OUT jack on the DVD player
   b. VIDEO input jack on the TV

   **Note:** Be sure to match the colors of the cable connectors with the colors of the jacks.

   **Note:** If your TV, DVD player and set-top box have S-Video jacks, use this connection instead of the yellow composite cable. The S-Video connection provides higher-quality video. Connect the red and white audio cables for the sound.
Test the hookup to verify the equipment is working correctly

1. Turn on the TV.
2. Turn on the set-top box.
3. Tune the TV to the correct channel for receiving the signal from the set-top box (usually channel 3 or 4).

**Important:** It may be necessary to select either channel 3 or 4 as the RF out on the set-top box. Check the set-top box for a switch or menu setting to select the appropriate setting.

If there is picture and sound on the TV, you have connected the set-top box correctly.

4. Turn on the DVD player.
5. Insert a DVD movie into the DVD player.
6. Tune the TV to the composite video input to which the DVD player is connected, for example, VIDEO 1.
7. Press the PLAY button on the DVD remote control.
8. If there is a picture and sound from the DVD movie on the TV, you have connected the DVD player correctly.

How to operate the equipment with this hookup

**Watch satellite or cable TV**

1. Turn on the TV.
2. Turn on the set-top box.
3. Tune the TV to the correct channel for receiving the signal from the set-top box (usually channel 3 or 4).
4. Tune your set-top box to the desired channel.

**Watch a DVD**

1. Turn on the TV.
2. Turn on the DVD player.
3. Insert the DVD movie you would like to watch into the DVD player.
4. Tune the TV to the composite video input to which the DVD player is connected, for example, VIDEO 1.
5. Press the PLAY button on the DVD remote control.
Connect a Set-top Box and a DVD Player to a TV Using Composite Audio/Video (A/V) or S-Video Cables

Connection diagram ........................................... Pg 8
When to use this hookup ........................................ Pg 9
What you will need ............................................. Pg 9
Connection instructions ....................................... Pg 9
Test the hookup ................................................ Pg 10
How to operate your equipment ............................... Pg 10
How to Connect a Set-top Box and a DVD Player to a TV Using Composite Audio/Video (A/V) or S-Video Cables

When to use this hookup

We recommend this hookup to view cable or satellite broadcasts and DVD movies on your TV. Your TV must have two composite A/V jacks to use this hook-up scenario.

What you will need

<table>
<thead>
<tr>
<th>Composite A/V Connection</th>
<th>Upgrade Option: S-Video Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Composite A/V cables</td>
<td>2 S-Video cables</td>
</tr>
<tr>
<td></td>
<td>2 Composite audio cables</td>
</tr>
</tbody>
</table>

Connection instructions

1. Connect the coaxial cable from the wall to the RF IN jack on the set-top box.
   
   **Note:** If your satellite service does not include local channels, you may want to connect an antenna to the TV IN jack on your satellite receiver. Refer to the operating instructions for specific information on switching between satellite and local broadcasts.

2. Connect a composite A/V cable to:
   
   a. LINE OUT jacks on the set-top box
   b. VIDEO IN jacks on the TV

   **Note:** Be sure to match the colors of the cable connectors with the colors of the jacks.

3. Connect a composite A/V cable to:
   
   a. LINE OUT jacks on the DVD player
   b. VIDEO IN jacks on the TV

   **Note:** If your TV, DVD player and set-top box have S-Video jacks, use this connection instead of the yellow composite cable. The S-Video connection provides higher-quality video. Connect the red and white audio cables for the sound.
Test the hookup to verify the equipment is working correctly

1. Turn on the TV.
2. Turn on the set-top box.
3. Tune the TV to the video input to which the set-top box is connected, for example, VIDEO 1 or VIDEO 2.

If there is picture and sound on the TV, you have connected the set-top box correctly.

4. Turn on the DVD player.
5. Insert a DVD movie into the DVD player.
6. Tune the TV to the video input to which the DVD player is connected, for example, VIDEO 2 or VIDEO 3.
7. Press the PLAY button on the DVD remote control.

If there is picture and sound from the DVD movie on the TV, you have connected the DVD player correctly.

How to operate the equipment with this hookup:

Watch satellite or cable TV

1. Turn on the TV.
2. Turn on the set-top box.
3. Tune the TV to the video input to which the set-top box is connected, for example, VIDEO 1 or VIDEO 2.
4. Tune the set-top box to the desired channel.

Watch a DVD

1. Turn on the TV.
2. Turn on the DVD player.
3. Tune the TV to the video input to which the DVD player is connected, for example, VIDEO 2 or VIDEO 3.
4. Insert the DVD you want to watch into the DVD player.
5. Press the PLAY button on the DVD remote control.
## Connect a Set-top Box and a DVD Player to a TV Using Component Video Cables and Composite Audio Cables

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection diagram</td>
<td>Pg 12</td>
</tr>
<tr>
<td>When to use this hookup</td>
<td>Pg 13</td>
</tr>
<tr>
<td>What you will need</td>
<td>Pg 13</td>
</tr>
<tr>
<td>Connection instructions</td>
<td>Pg 13</td>
</tr>
<tr>
<td>Test the hookup</td>
<td>Pg 13</td>
</tr>
<tr>
<td>How to operate your equipment</td>
<td>Pg 14</td>
</tr>
</tbody>
</table>
How to Connect a Set-top Box and a DVD Player to a TV Using Component Video Cables and Composite Audio Cables

When to use this hookup

We recommend this hookup to view cable or satellite service on your TV and for playing DVD movies. This connection should be used if your TV, DVD player, and set-top box all have component video jacks. This connection is most commonly used for high-definition programming.

What you will need

- 2 Component (Y/Pb/Pr) video cables
- 2 Composite audio cables

Connection instructions

1. Connect the coaxial cable from the wall to the RF IN jack on the set-top box.
   Note: If your satellite service does not include local channels, you may want to connect an antenna to the TV IN jack on your satellite receiver. Refer to the operating instructions for specific information on switching between satellite and local broadcasts.

2. Connect a component video cable and a composite audio cable to:
   a. COMPONENT LINE OUT and AUDIO OUT jacks on the set-top box
   b. COMPONENT VIDEO IN and AUDIO IN jacks on the TV
   Note: Be sure to match the colors of the cable connectors with the colors of the jacks.

3. Connect a second component video cable and a composite audio cable to:
   a. COMPONENT LINE OUT and AUDIO OUT jacks on DVD player
   b. COMPONENT VIDEO IN and AUDIO IN jacks on the TV

Test the hookup to verify the equipment is working correctly

1. Turn on the TV.
2. Turn on the set-top box.
3. Tune the TV to the component video input to which the set-top box is connected, for example, VIDEO 5.
   Note: For many Sony® TVs, the component video input is VIDEO 5. However, depending on the make and model of your TV, it may be another video input.

If there is picture and sound on the TV, you have connected the set-top box correctly.

4. Turn on the DVD player.
5. Insert a DVD movie into the DVD player.
6. Tune the TV to the component video input to which the DVD player is connected, for example, **VIDEO 4**.
7. Press the **PLAY** button on the DVD remote control.

If there is picture and sound from the DVD movie on the TV, you have connected the DVD player correctly.

**How to operate the equipment with this hookup**

**Watch television**
1. Turn on the television.
2. Turn on the cable box or satellite receiver.
3. Use the television remote control change the television to the video input to which the cable box or satellite receiver is connected, for example, **VIDEO 5**.
4. Use the cable box or satellite receiver remote control to change channels.

**Watch a DVD**
1. Turn on the television.
2. Turn on the DVD player.
3. Insert the DVD you would like to watch into the DVD player.
4. Use the television remote control to tune the television to the video input to which the DVD player is connected, for example, **VIDEO 4**.
5. Press **PLAY** on the DVD remote control to begin playing the DVD movie.
Connect a Set-top Box and a DVD Player to a TV Using HDMI Cables

Connection diagram ................................................................. Pg 16
When to use this hookup ........................................................ Pg 17
What you will need ................................................................. Pg 17
Connection instructions ......................................................... Pg 17
Test the hookup....................................................................... Pg 18
How to operate your equipment ............................................. Pg 18
How to Connect a Set-top Box and a DVD Player to a TV Using HDMI Cables

When to use this hookup

We recommend this hookup to view cable or satellite service and DVD movies on your TV with optimum video quality. This connection should be used if your TV, set-top box, and DVD player have HDMI jacks. If your TV has a DVI jack instead of an HDMI jack, you can use a HDMI to DVI adapter and a composite audio cable.

What you will need

<table>
<thead>
<tr>
<th>HDMI Connection</th>
<th>HDMI-to-DVI Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 HDMI cables</td>
<td>2 Composite Audio cables</td>
</tr>
<tr>
<td></td>
<td>2 HDMI cables</td>
</tr>
<tr>
<td></td>
<td>2 HDMI to DVI Adapters</td>
</tr>
</tbody>
</table>

Connection instructions

1. Connect the coaxial cable from the wall to the RF IN jack on the set-top box.

   Note: If your satellite service does not include local channels, you may want to connect an antenna to the TV IN jack on your satellite receiver. Refer to the operating instructions for specific information on switching between satellite and local broadcasts.

2. Connect an HDMI cable to:
   a. HDMI OUT jack on the set-top box
   b. HDMI IN jack on the TV

   Important: If the TV has a DVI jack instead of an HDMI jack, skip step b above and follow the steps below.
   c. HDMI IN jack on the HDMI-to-DVI adapter.
   d. Connect a DVI cable to:
      i. DVI OUT jack on the HDMI-to-DVI adapter
      ii. DVI IN jack on the TV
   e. Connect a composite audio cable to:
      i. AUDIO OUT jacks on the set-top box
      ii. AUDIO IN jacks located next to or near the DVI jack on the TV

3. Connect an HDMI cable to:
   a. HDMI OUT jack on the DVD player
   b. HDMI IN jack on the TV
Important: If the TV has a DVI jack instead of an HDMI jack, skip step b above and follow the steps below.

c. HDMI IN jack on the HDMI-to-DVI adapter
d. Connect a DVI cable to:
   i. DVI OUT jack on the HDMI-to-DVI adapter
   ii. DVI IN jack on the TV
e. Connect a composite audio cable to:
   i. AUDIO OUT jacks on the set-top box
   ii. AUDIO IN jacks located next to or near the DVI jack on the TV

Note: If your TV has only one HDMI or DVI jack, connect one of your devices to the TV using a component (Y/Pb/Pr) video cable and a composite audio cable.

Test the hookup to verify the equipment is working correctly

1. Turn on the TV.
2. Turn on the set-top box.
3. Tune the TV to the HDMI video input to which the set-top box is connected, for example, VIDEO 5.

If there is picture and sound on the TV, you have connected the set-top box correctly.

4. Tune the set-top box to the desired channel.
5. Turn on the DVD player.
6. Tune the TV to the HDMI video input to which the DVD player is connected, for example, VIDEO 6.
7. Insert a DVD movie.
8. Press the Play button on the DVD player remote control.

If there is picture and sound from the DVD player on the TV, you have connected the DVD player correctly.

How to Operate the Equipment with this Hookup

Watch satellite or cable TV

1. Turn on the TV.
2. Turn on the set-top box.
3. Tune the TV to the HDMI video input to which the set-top box is connected, for example, VIDEO 5.
4. Tune the set-top box to the desired channel.

Watch a DVD movie

1. Turn on the TV.
2. Turn on the DVD player.
3. Tune the TV to the HDMI video input to which the DVD player is connected, for example, VIDEO 6.
4. Insert the DVD movie you want to watch into the DVD player.
5. Press the Play button on the DVD player remote control.
Glossary

Dub
To make a copy.

HDMI Repeater
A device, such as an A/V receiver, that receives an audio/video signal from one HDMI device and passes it through to another connected HDMI device.

High Definition (HD)
Video signal up to six times the picture and detail resolution of conventional standard definition. As of January 2007 1080p is the highest line resolution available for HD content.

Interlaced scanning
Half a frame of video is drawn on the screen at one time using the odd scan lines, then the second half of the frame is drawn on the screen using the even scan lines. Because this process happens so quickly the human eye sees a full image.

Line In/Out
Transfers an audio and/or video signal in or out of one unit for connection into another. (Example Line 1)

Monitor Out
An output jack usually found on an A/V receiver that passes video information from a connected video device to a television.

Progressive scanning
An entire frame of video is drawn on the screen at one time line by line. This results in crisper images and up to twice as many frames per second of video compared to interlaced scanning.

Standard Definition (SD)
Conventional TV broadcasting with the standard 480 active scanning lines and interlaced scanning (480i).

Stereo Audio
Right and left (2) channel audio.

Tuner
An electronic circuit or device used to select signals at a specific radio frequency for amplification and conversion to video and sound.

Video Input/Output
Transfers an audio and/or video signal in or out of one unit for connection into another. (Example Video 5)