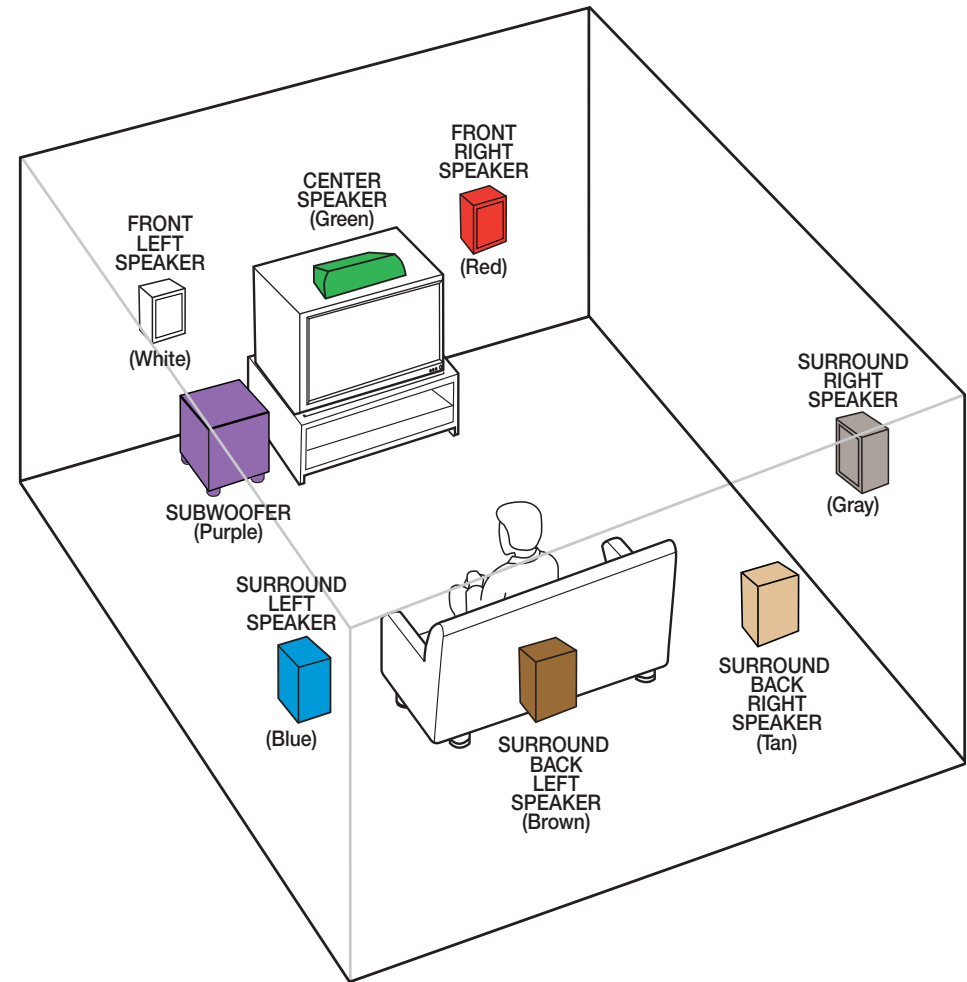














Thank you for purchasing a Harman Kardon® AVR 240. This Quick-Start Guide will help you with a basic system installation. For detailed information on any step in this Guide, please refer to the pages referenced in the Owner's Manual. We strongly recommend that you read the Owner's Manual for complete details on how to install, configure and operate the AVR 240, as well as for the important safety information it contains.

Figure 1 – Speaker Placement

The colors shown for each speaker correspond to the matching output terminal connection on the back of the AVR 240 (see page 8).



Step 1. Place your speakers in the listening room (see pages 17–18).

| Connections Color Guide | | |
|---------------------------|---|---|
| Audio Connections | Left | Right |
| Front |  |  |
| Center |  | |
| Surround |  |  |
| Subwoofer |  | |
| Surround Back |  |  |
| Digital Audio Connections | | |
| Coaxial |  | |
| Optical |  | |
| Video Connections | | |
| Composite |  | |
| S-Video |  | |

Match the colored jacks on the AVR 240 to the appropriate jacks on your source equipment or speakers. The colors are standardized, but not all equipment or connectors use them.

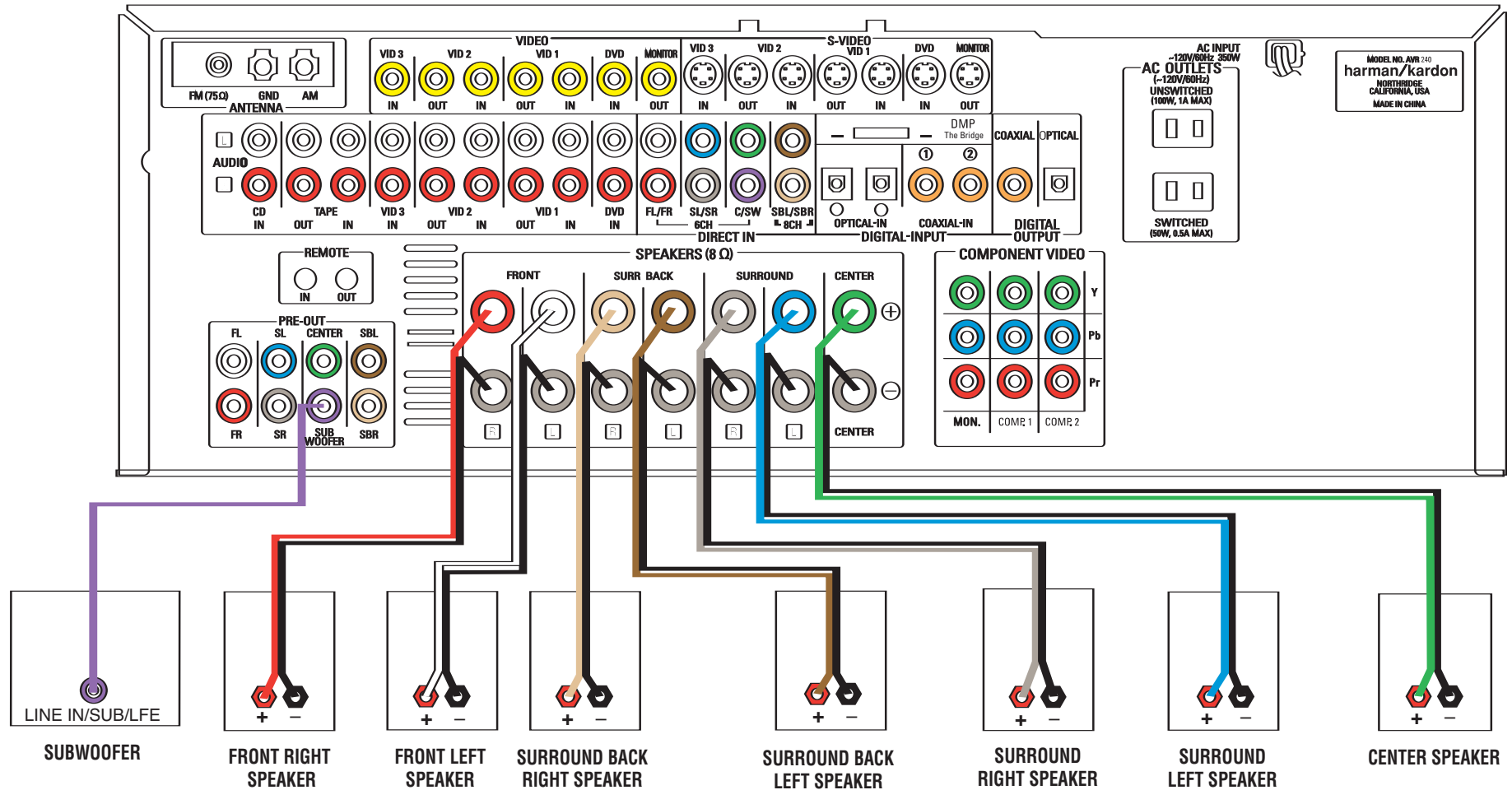


Figure 2 – Speaker Connections

Step 2. Connect the speakers to the receiver: red (+) on speaker to colored (+) on receiver, and black (-) to black (-) (see page 15).

Step 3. Connect the Subwoofer Pre-Out jack to the Line-In jack on your subwoofer (see page 15). You may adjust the settings on the subwoofer later as needed.

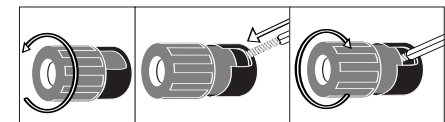


Figure 3 – How to Use the Binding-Post Speaker Terminal

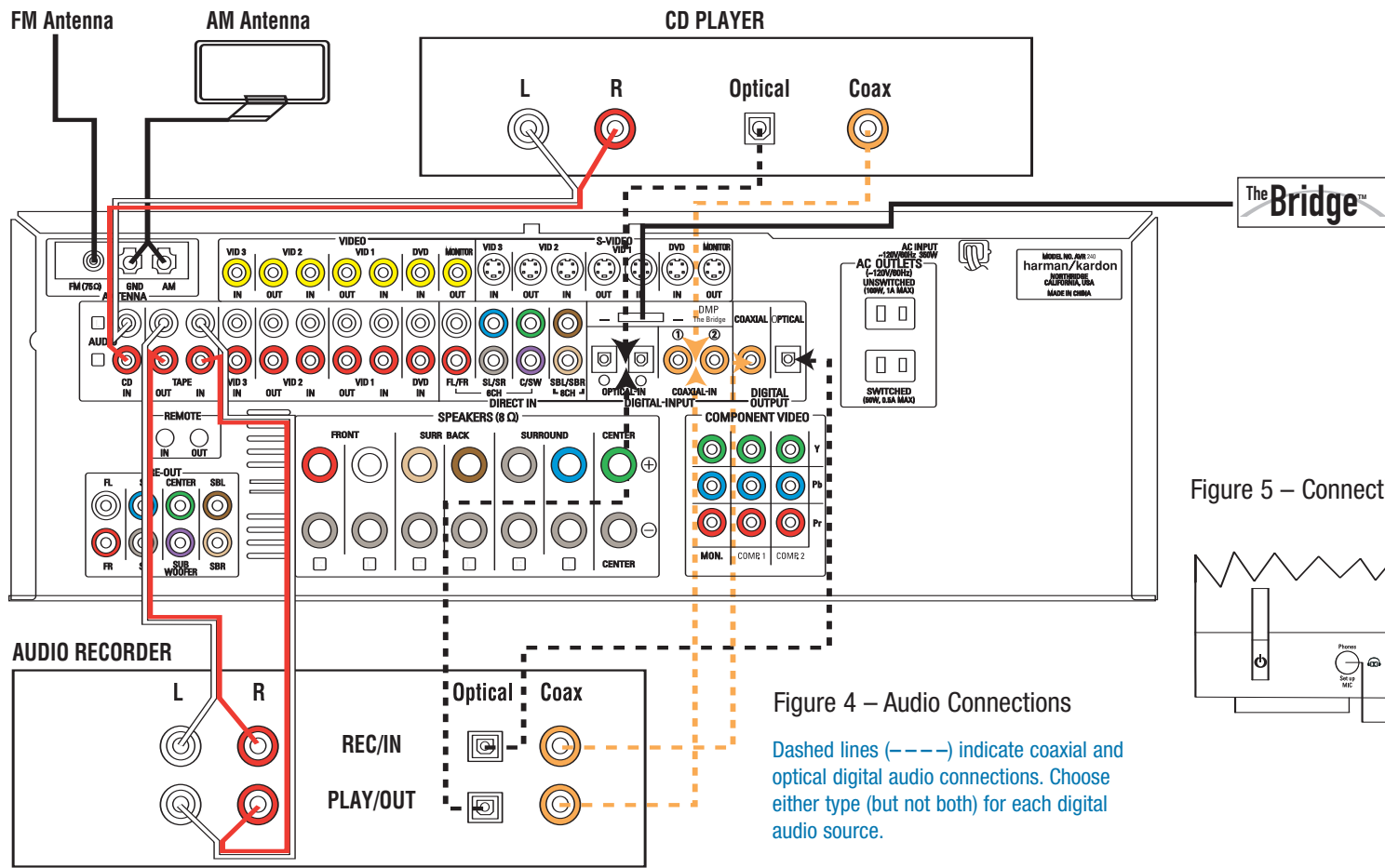
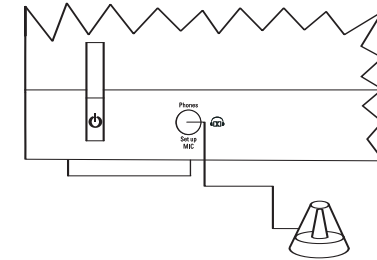


Figure 5 – Connecting EzSet+ Microphone



- Step 4. Connect AM and FM antennas as shown above (see page 15).
 Step 5. Connect source components, as shown in Figures 4 and 6 and the Device Connection Options chart on the back of this Guide (see pages 15–16).

AUDIO connections: Right channel (red) on source to right (red) on AVR, and left channel (white) on source to left (white) on AVR.
DIGITAL AUDIO connections, if available: Choose either coax (orange) to coax (orange) OR optical to optical for each device. The Coax 1 input defaults to the DVD player, and the Optical 1 input defaults to Video 2 (Cable/Sat), but either may be reassigned. Assign the other digital inputs and outputs as appropriate for your equipment (see Step 7).
VIDEO connections: Choose either composite (yellow) or S-video (4-pin) for each video source. Connect the Composite and S-video Monitor outputs to your video monitor (TV). Switch your TV set's input to match the type of video used for the currently selected source.

The Bridge: Make sure the AVR 240 is turned off, then connect the optional **The Bridge** to the DMP connector. Dock your compatible iPod® (not included) in **The Bridge**.

Step 6. Plug all components into AC power outlets. The outlets on the back of the AVR 240 should be used *only* for low-current products, such as CD or DVD players, and the total should not exceed 100 watts.

Basic Receiver Configuration

- Step 7. **Select digital inputs:** If your DVD is connected to Coax 1, and your cable or satellite TV box (Video 2 source) is connected to Optical 1, no adjustment is needed. For any other digital-device connections, use the On-Screen Input Setup menu, or the front-panel Digital Select and arrow buttons to select digital input (see pages 21, 35).
 Step 8. **Select a surround mode:** Press the Surround Mode button on the front panel to select Dolby® Pro Logic® II – Movie. (You may select other modes later as you become familiar with the AVR 240; see pages 21–23 and 32–37.)

- Step 9. **Use **EzSet+** to configure and optimize your system:** Plug the EzSet+ microphone into the front-panel Headphones Jack (Figure 5). Place the microphone at the center of the room, or at your normal listening position. If desired, the microphone may be attached to a standard camera tripod using the threads on the bottom of the microphone. Activate EzSet+ using the on-screen menu system (see pages 23–25). As EzSet+ senses the output of each speaker, you will hear loud test signals. When the on-screen menu indicates that setup is complete, your system is adjusted for output levels, delay times and speaker settings. Unplug the microphone and store it for future use.
 Step 10. Your system is configured – sit back and enjoy!

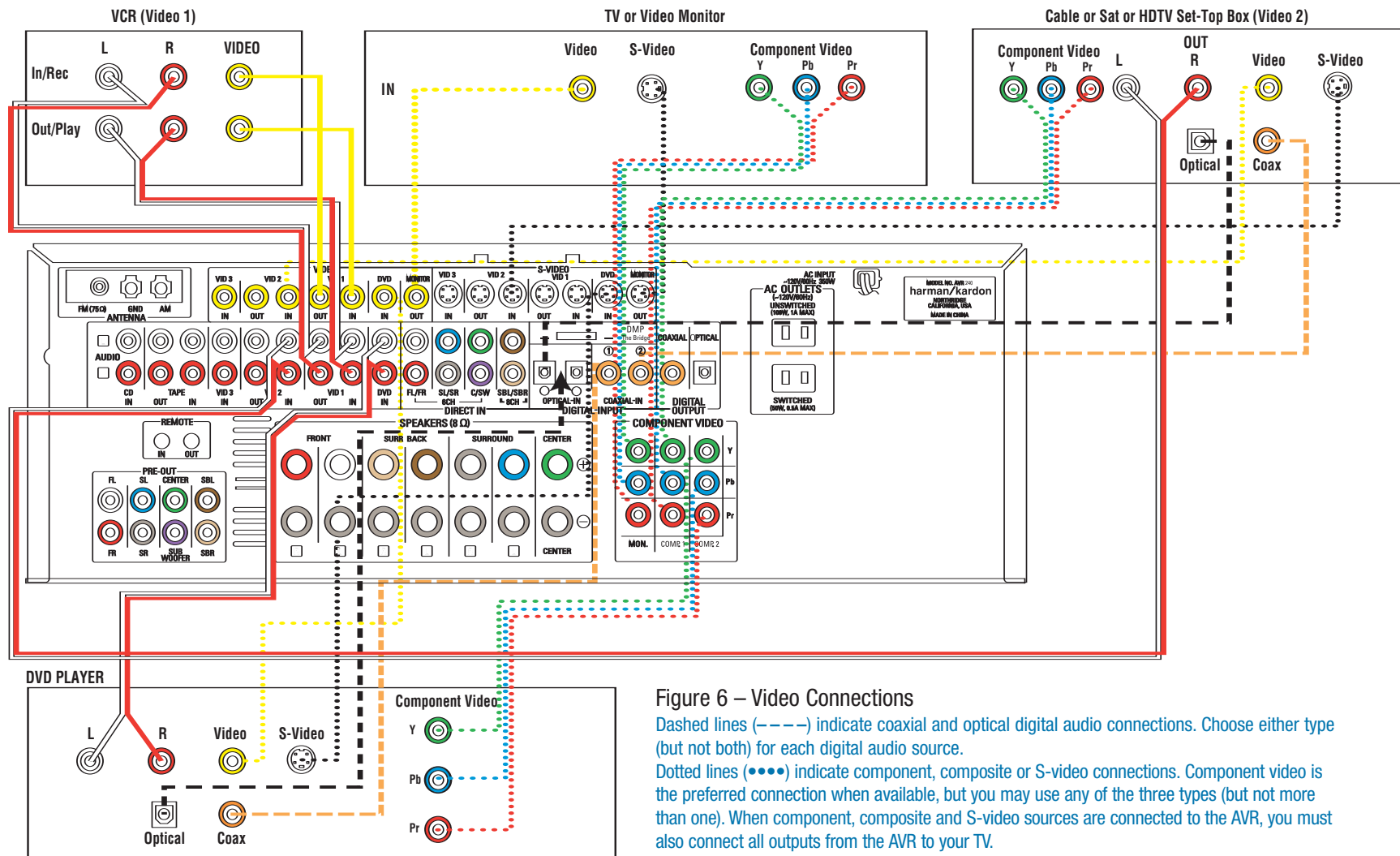


Figure 6 – Video Connections

Dashed lines (----) indicate coaxial and optical digital audio connections. Choose either type (but not both) for each digital audio source.
 Dotted lines (.....) indicate component, composite or S-video connections. Component video is the preferred connection when available, but you may use any of the three types (but not more than one). When component, composite and S-video sources are connected to the AVR, you must also connect all outputs from the AVR to your TV.

| Device Connection Options: Recommended connections are shown in red, but connections may be made to best fit your system requirements. The Video 3 inputs are on the front panel of the receiver. | | | | |
|---|-----------------------|---|--|---|
| Device | Input Name | Audio Input Connections | Audio Output Connections | Video Connections |
| CD Player | CD | CD L/R Inputs, Optical Digital 1 or 2, or Coaxial Digital 1 or 2 | Not required | Not required |
| DVD Player | DVD | Coaxial Digital 1 or 2, Optical Digital 1 or 2, or DVD L/R Inputs | Not required | DVD Component, Composite or S-Video |
| VCR | Video 1 | Video 1 L/R Inputs | Video 1 L/R Outputs | Video 1 Composite or S-Video Input and Output |
| Cable Box or Satellite Receiver | Video 2 | Video 2 L/R Inputs, Optical Digital 1 or 2, or Coaxial Digital 1 or 2 Inputs* | Not required | Video 2 Component, Composite or S-Video Input |
| The Bridge | The Bridge DMP | The Bridge DMP Connector | Not required | Not required |
| Audio Recorder | Tape | Tape L/R Inputs, Optical Digital 1/2** or Coaxial Digital 1/2** Inputs | Tape L/R Outputs, Digital Optical** or Coaxial Outputs** | Not required |
| TV or Projector | Not applicable | Not required | Not required | Monitor-Out Component, Composite and/or S-Video |

* Check with your cable company to determine whether digital audio is available for all channels. It may be necessary to make BOTH analog and digital connections if it is not. ** Digital audio recorders only.