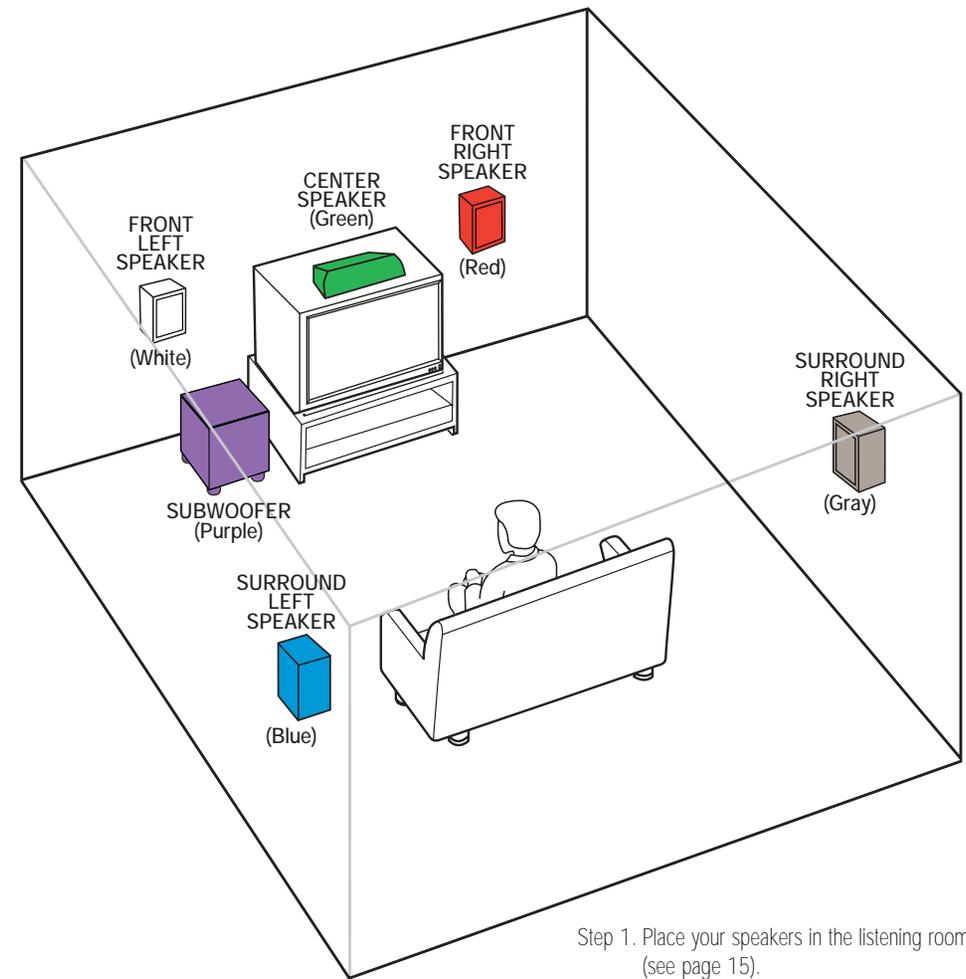# harman/kardon®
Power for the Digital Revolution®

Thank you for purchasing a Harman Kardon AVR 130. 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 130, 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 130 (see page 15).

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

Match the colored jacks on the AVR 130 to the appropriate jacks on your source equipment or speakers. The colors are standardized, but not all equipment or connectors use them.
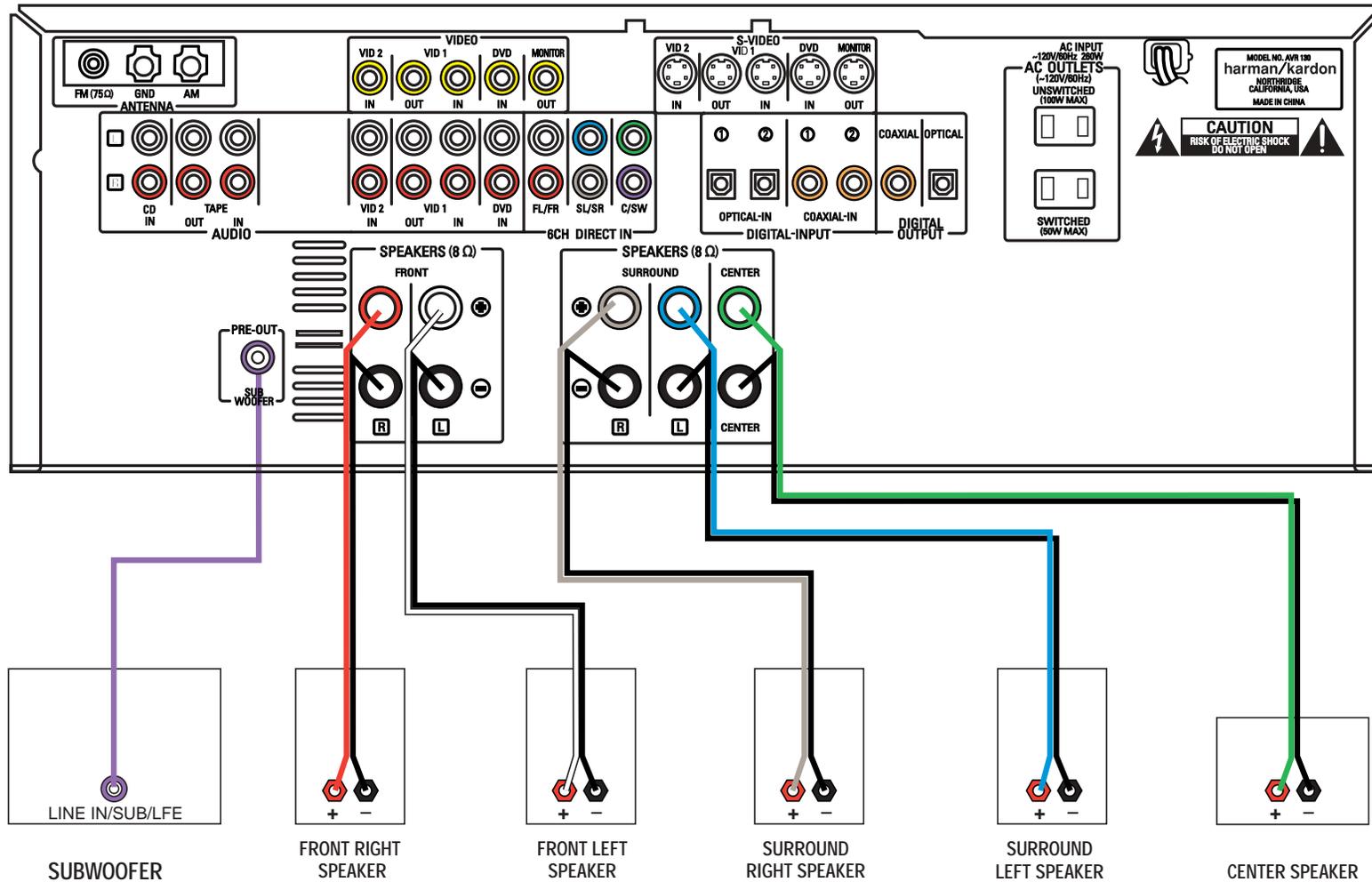

FRONT RIGHT SPEAKER

CENTER SPEAKER (Green)

FRONT LEFT SPEAKER

(Red)

(White)

SURROUND RIGHT SPEAKER

(Gray)

SUBWOOFER (Purple)

SURROUND LEFT SPEAKER

(Blue)

Step 1. Place your speakers in the listening room (see page 15).

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AVR 130 QUICK-START GUIDE

LINE IN/SUB/LFE

SUBWOOFER

FRONT RIGHT
SPEAKER

FRONT LEFT
SPEAKER

SURROUND
RIGHT SPEAKER

SURROUND
LEFT SPEAKER

CENTER SPEAKER

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 13.)

Step 3. Connect the Subwoofer Pre-Out jack to
the Line-In jack on your subwoofer (see
page 13). You may adjust the settings on
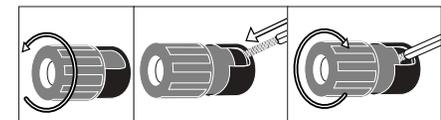the subwoofer later as needed.

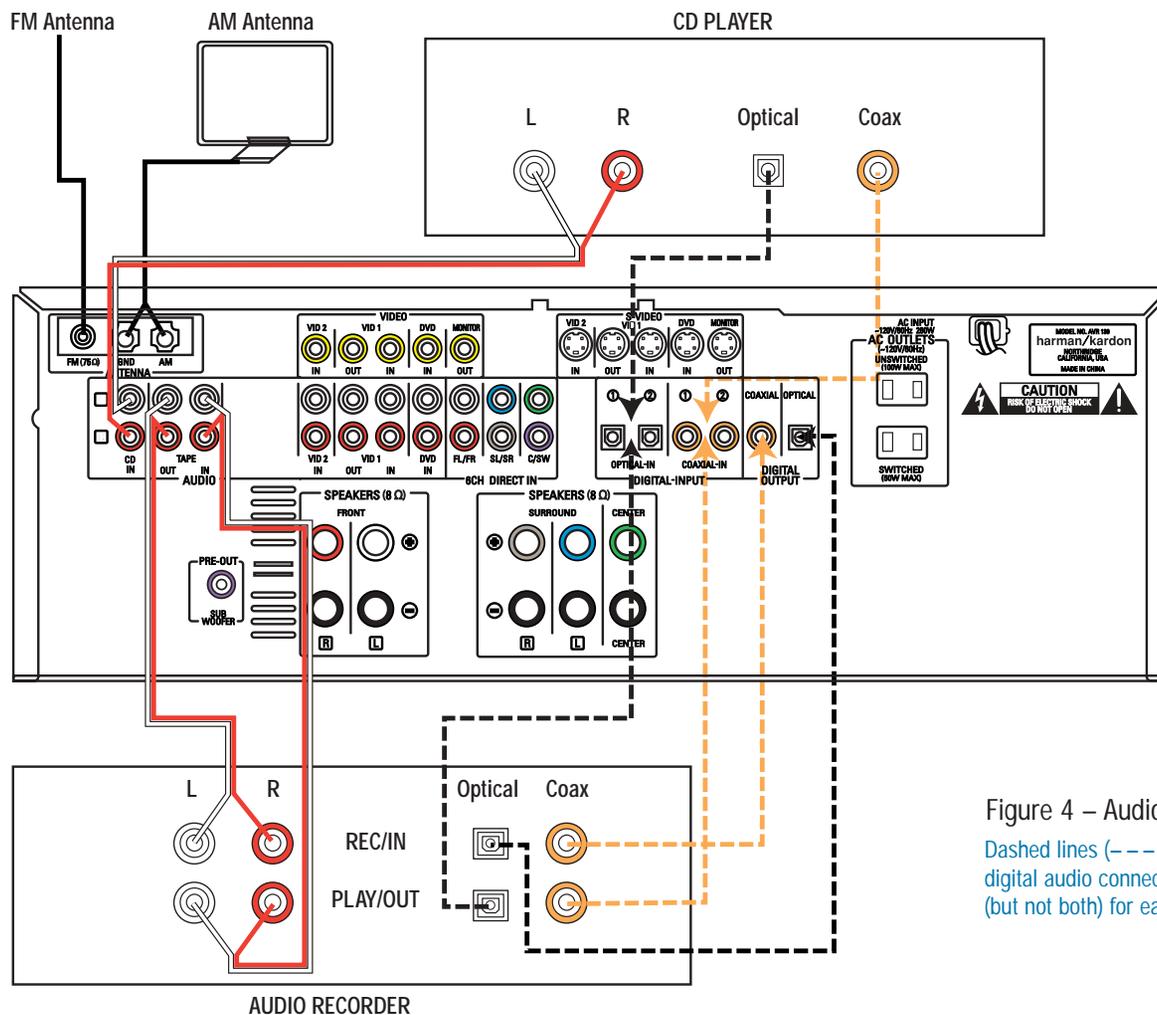Figure 3 – How to Use the Binding-Post
Speaker Terminal

FM Antenna **AM Antenna** **CD PLAYER**

L R Optical Coax

VIDEO
VID 2 VID 1 DVD MONITOR
IN OUT IN OUT

S-VIDEO
VID 1 DVD MONITOR
IN OUT IN IN OUT

AC INPUT
~120V/60Hz 250W
AC OUTLETS
(~120V/60Hz)
UNSWITCHED
(100W MAX)

MODEL NO. AVR 130
harman/kardon
NORTHRIDGE
CALIFORNIA, USA
MADE IN CHINA

FM (75Ω)
GND AM
ANTENNA

TAPE
OUT IN
CD AUDIO
IN

VID 2 VID 1 DVD FL/FR SL/SR C/SW
IN OUT IN DVD
IN
6CH DIRECT IN

OPTICAL-IN COAXIAL-IN
DIGITAL-INPUT

COAXIAL OPTICAL

DIGITAL
OUTPUT

SWITCHED
(50W MAX)

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

SPEAKERS (8 Ω)
FRONT

SPEAKERS (8 Ω)
SURROUND CENTER

PRE-OUT

R L

R L

CENTER

SUB
WOOFER

L R Optical Coax

REC/IN

PLAY/OUT

AUDIO RECORDER

Figure 4 – Audio Connections

Dashed lines (– – – –) indicate coax and optical
digital audio connections. Choose either type
(but not both) for each digital audio source.

Step 4. Connect AM and FM antennas (as shown above). (See page 13.)

Step 5. Connect source components, as shown in Figures 4 and 5, and the Device Connection Options chart on the back of this Guide (see pages 13–14).

　　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, but 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.

Step 6. Plug all components into AC power outlets. The outlets on the back of the AVR 130 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, no adjustment is needed. For any other digital-device connections, use the front-panel Digital Select button and the arrow buttons to select an optical or coax digital input (see pages 19 and 23).

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 130; see

pages 22–24.)

Step 9. **Configure speakers:** No action is needed if you have five "small" satellite-type speakers and a subwoofer. Otherwise, press the Speaker button and then the Set and arrow buttons to select the correct speaker choices for your system (see pages 16–18).

Step 10. **Set output levels:** Set the Balance to 12 o'clock, and the Volume to –15dB. Sit in the listening position and press the Test button on the remote. The Test tone (it sounds like static) will circulate from speaker to speaker. Press the up/down arrow keys to adjust the level of each speaker until they all sound the same. If you have an SPL meter, set it to 75dB, C-Weighting Slow. Press the Test button again. (See pages 18–19.)

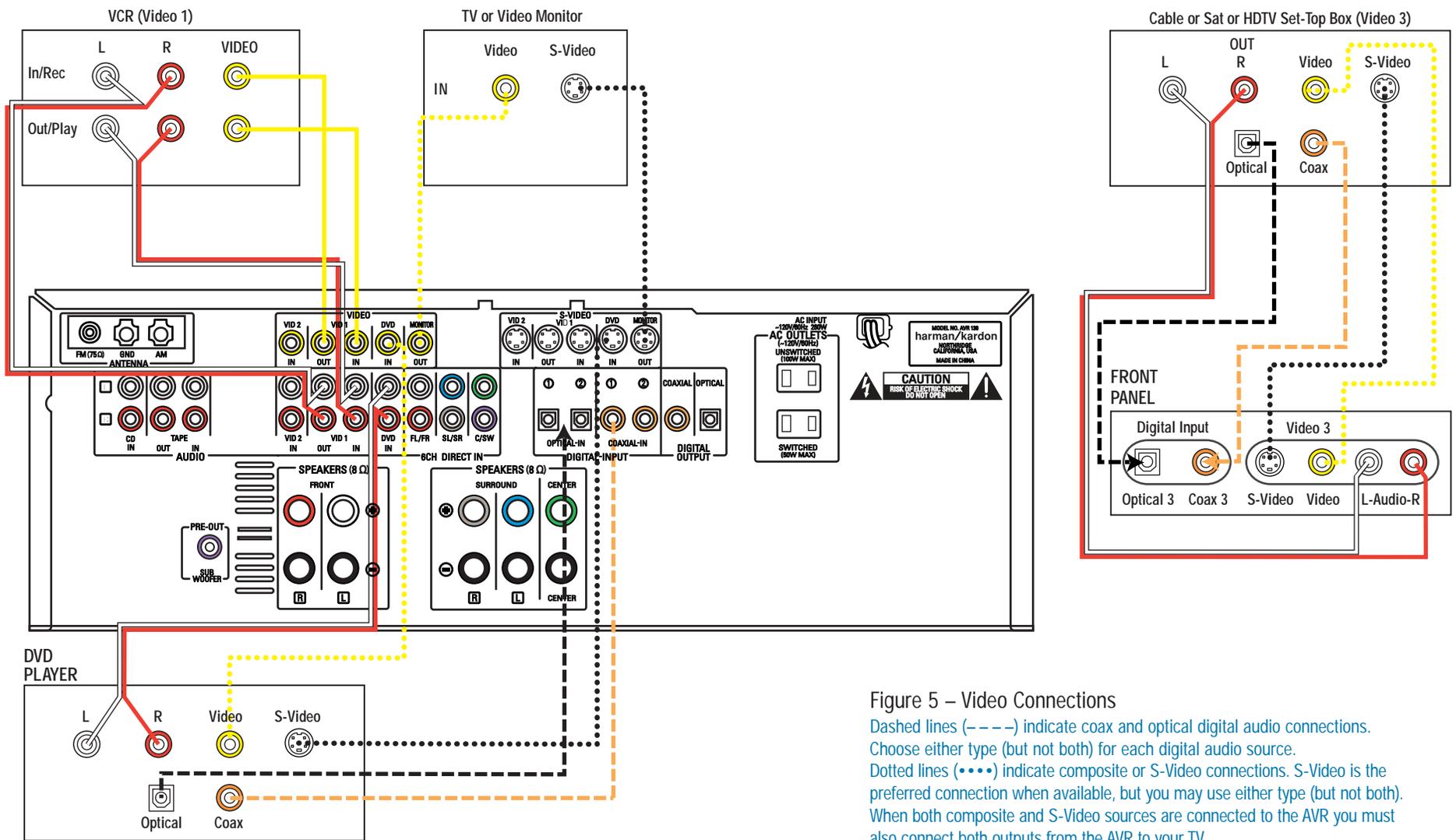Step 11. Your system is configured – sit back and enjoy!

VCR (Video 1)

L R VIDEO

In/Rec

Out/Play

TV or Video Monitor

Video S-Video

IN

Cable or Sat or HDTV Set-Top Box (Video 3)

OUT
L R Video S-Video

Optical Coax

FM (75Ω) GND AM
ANTENNA

VIDEO
VID 2 VID 1 DVD MONITOR
IN OUT IN IN OUT

S-VIDEO
VID 2 VID 1 DVD MONITOR
IN OUT IN IN OUT

AC INPUT
~120V/60Hz 280W
AC OUTLETS
(~120V/60Hz)
UNSWITCHED
(100W MAX)

MODEL NO. AVR 130
harman/kardon
NORTHRIDGE
CALIFORNIA, USA
MADE IN CHINA

CD TAPE
IN OUT IN
AUDIO

VID 2 VID 1 DVD FL/FR SL/SR C/SW
IN OUT IN IN
6CH DIRECT IN

OPTICAL-IN COAXIAL-IN
① ② ① ②
DIGITAL-INPUT

COAXIAL OPTICAL
DIGITAL
OUTPUT

SWITCHED
(50W MAX)

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

SPEAKERS (8 Ω)
FRONT

SPEAKERS (8 Ω)
SURROUND CENTER

R L

R L CENTER

PRE-OUT

SUB
WOOFER

FRONT
PANEL

Digital Input

Video 3

Optical 3 Coax 3 S-Video Video L-Audio-R

DVD
PLAYER

L R Video S-Video

Optical Coax

Figure 5 – Video Connections

Dashed lines (– – – –) indicate coax and optical digital audio connections.
Choose either type (but not both) for each digital audio source.
Dotted lines (••••) indicate composite or S-Video connections. S-Video is the
preferred connection when available, but you may use either type (but not both).
When both composite and S-Video sources are connected to the AVR you must
also connect both 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 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 3 or 2	Video 3 or 2 L/R Inputs, Optical Digital 3*, or Coaxial Digital 3* Inputs	Not required	Video 3 or 2 Composite or S-Video Input
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 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.

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VIDEO CONNECTIONS