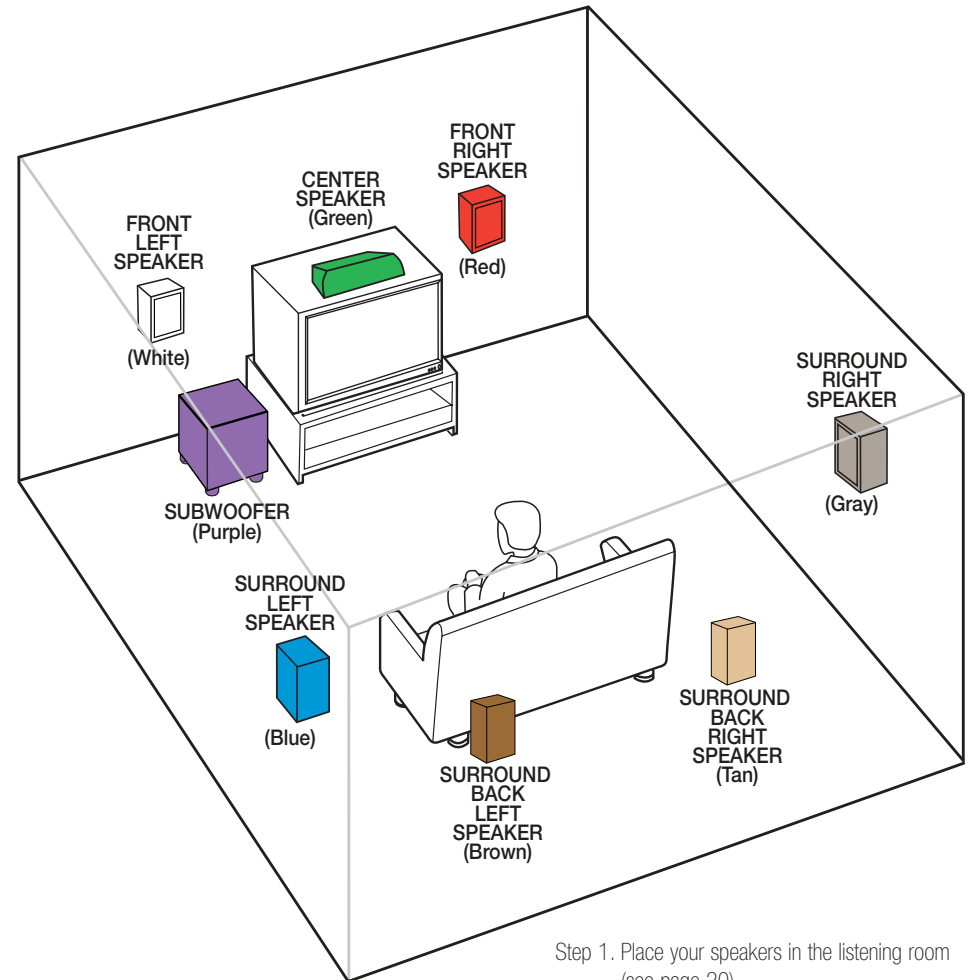Thank you for purchasing a JBL AVR580. This Quick-Start Guide will help you with a basic system installation. For detailed information on any step, please refer to the Owner's Manual pages referenced in this guide. We strongly recommend that you read the Owner's Manual for complete details on how to install, configure and operate the AVR580, as well as for the important safety information it contains.
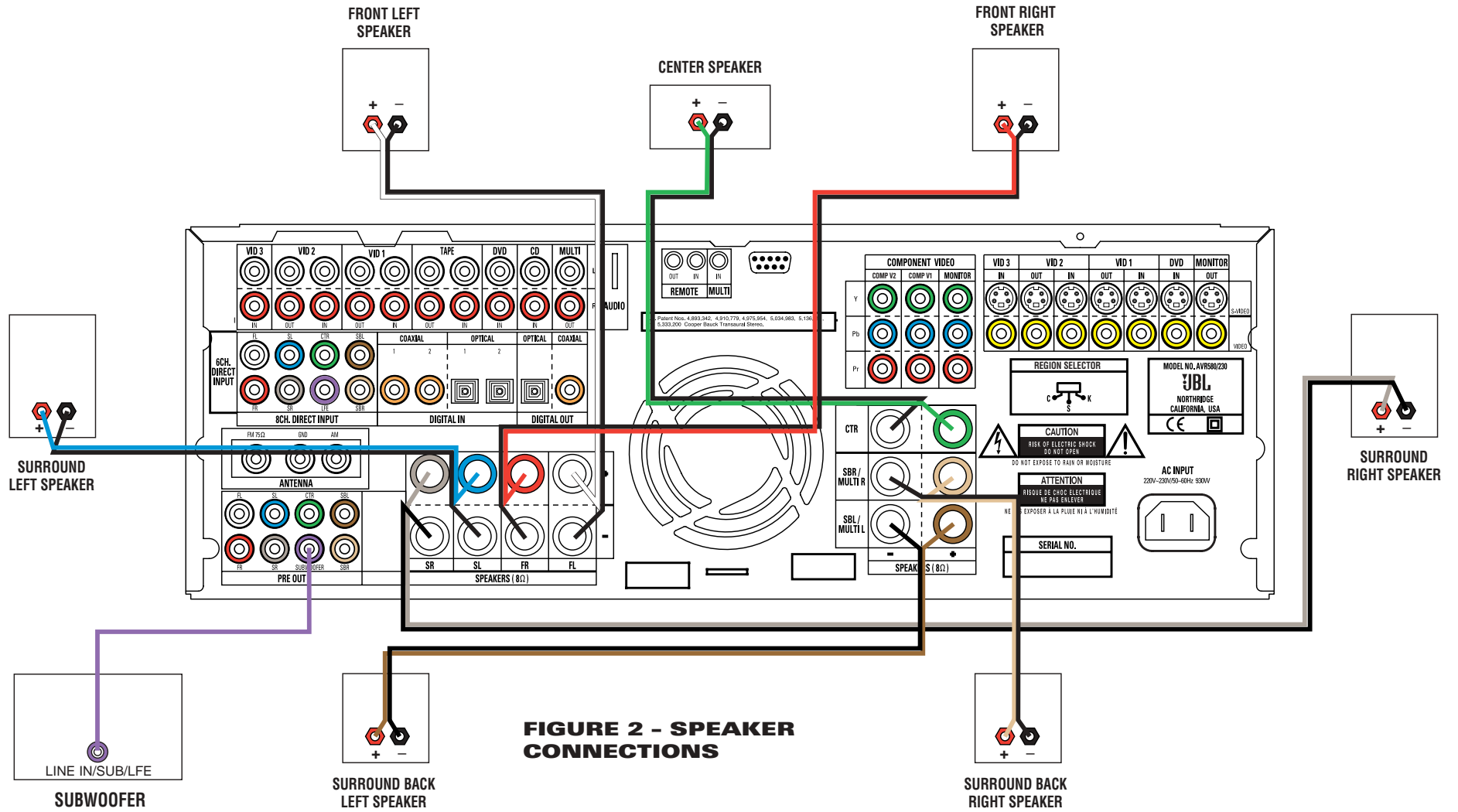
FIGURE 1 – SPEAKER PLACEMENT

The colors shown for each speaker correspond to the matching output terminal connection on the back of the AVR580 (see page 9).

CONNECTIONS COLOR GUIDE		
Audio Connections	Left	Right
Front	☐	🟥
Center	🟩	
Surround	🟦	⬜
Subwoofer	🟪	
Surround Back	🟫	🟧
Digital Audio Connections		
Coax	🟧	
Optical	◻	
Video Connections		
Composite	🟨	
S-Video	◉	

Match the colored jacks on the AVR580 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)

SURROUND BACK RIGHT SPEAKER (Tan)

SURROUND BACK LEFT SPEAKER (Brown)

Step 1. Place your speakers in the listening room (see page 20).

SPEAKER PLACEMENT

FRONT LEFT
SPEAKER

+   −

CENTER SPEAKER

+   −

FRONT RIGHT
SPEAKER

+   −

SURROUND
LEFT SPEAKER

+   −

SURROUND
RIGHT SPEAKER

+   −

6CH.
DIRECT
INPUT

VID 3   VID 2   VID 1   TAPE   DVD   CD   MULTI

IN   OUT   IN   OUT   IN   OUT   IN   IN   OUT

AUDIO

FL   SL   CTR   SBL

FR   SR   LFE   SBR

8CH. DIRECT INPUT

COAXIAL   OPTICAL   OPTICAL   COAXIAL

1   2   1   2

DIGITAL IN   DIGITAL OUT

OUT   IN   IN

REMOTE   MULTI

COMPONENT VIDEO

COMP V2   COMP V1   MONITOR

Y

Pb

Pr

VID 3   VID 2   VID 1   DVD   MONITOR

IN   OUT   IN   OUT   IN   IN   OUT

S-VIDEO

VIDEO

REGION SELECTOR

C   S   K

MODEL NO. AVR580/230

JBL

NORTHRIDGE
CALIFORNIA, USA

CE

CTR

SBR /
MULTI R

SBL /
MULTI L

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
DO NOT EXPOSE TO RAIN OR MOISTURE

ATTENTION
RISQUE DE CHOC ÉLECTRIQUE
NE PAS ENLEVER
NE PAS EXPOSER À LA PLUIE NI À L'HUMIDITÉ

AC INPUT
220V–230V/50–60Hz 930W

SERIAL NO.

SPEAKERS (8Ω)

FM 75Ω   GND   AM

ANTENNA

FL   SL   CTR   SBL

FR   SR   SUBWOOFER   SBR

PRE OUT

SR   SL   FR   FL

SPEAKERS (8Ω)

LINE IN/SUB/LFE

SUBWOOFER

SURROUND BACK
LEFT SPEAKER

+   −

**FIGURE 2 – SPEAKER
CONNECTIONS**

SURROUND BACK
RIGHT SPEAKER

+   −

Step 2. Connect the speakers to the receiver: red (+) on speaker to colored (+) on receiver and black (−) to black (−)
(see page 17).

Step 3. Connect the Subwoofer Pre-Out jack to the Line-In jack on your subwoofer.
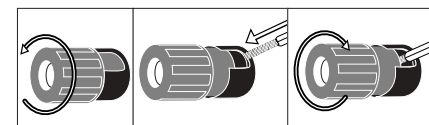Adjust the settings on the subwoofer later as needed (see page 17).

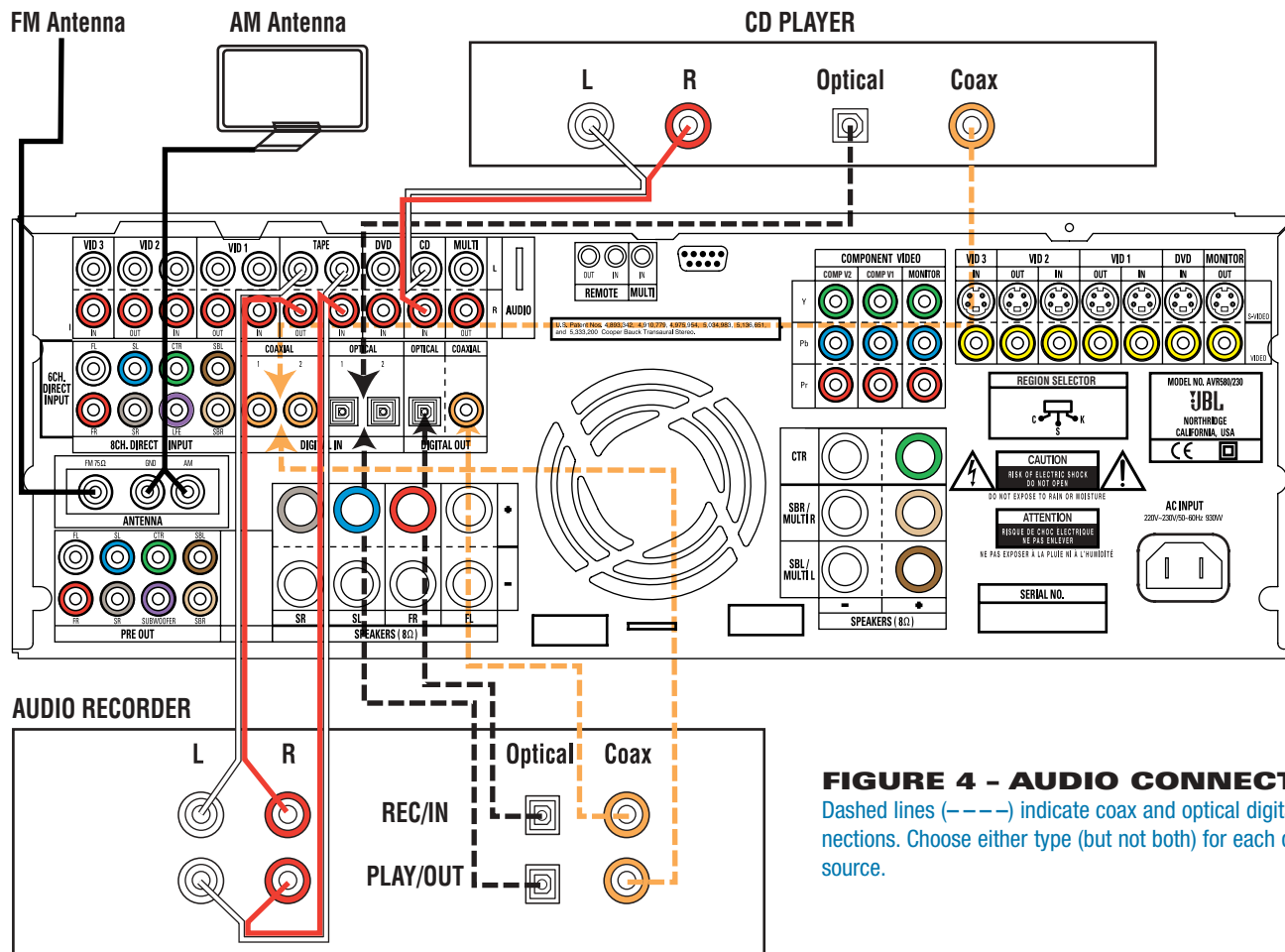**FIGURE 3 – HOW TO USE
THE BINDING-POST
SPEAKER TERMINAL**

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

L R Optical Coax

COMPONENT VIDEO

VID 3 VID 2 VID 1 TAPE DVD CD MULTI

6CH. DIRECT INPUT

8CH. DIRECT INPUT

ANTENNA

PRE OUT

SPEAKERS (8Ω)

MODEL NO. AVR580/230 JBL NORTHRIDGE CALIFORNIA, USA

REGION SELECTOR

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
DO NOT EXPOSE TO RAIN OR MOISTURE

ATTENTION
RISQUE DE CHOC ELECTRIQUE
NE PAS ENLEVER
NE PAS EXPOSER À LA PLUIE NI À L'HUMIDITÉ

AC INPUT
220V~230V/50-60Hz 930W

SERIAL NO.

AUDIO RECORDER

L R Optical Coax

REC/IN

PLAY/OUT

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 (Fig. 4) (see page 17).

Step 5. Connect source components, as shown in Figures 4 and 5, and in the Device Connection Options chart on the back of this guide (see pages 17–18).

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 8).

VIDEO connections: Choose component (Y/Pb/Pr – **green/blue/red**), composite (**yellow**) or S-Video (4-pin) for each video source. The devices connected to the Component Video 1 and 2 inputs must be used with the DVD and Video 2 sources respectively. Connect the component, 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. **Region Selection:** Set the Region Selector to "K" for South Korea. Set it to "C" for China or Hong Kong. Set it to "S" for Singapore, Malaysia, Indonesia or Thailand. (For other countries, please consult your local JBL distributor.) The Main Power Switch (*not* just Standby) must be turned off, then on again, in order for this selection to take effect (see page 35).

Step 7. Depending on the electrical requirements in your area, you may need to contact your JBL dealer to obtain the correct power cord. Plug all components into AC power outlets.

Basic Receiver Configuration

Step 8. **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 22 and 32).

Step 9. **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 AVR580; see pages 22–24 and 31–35.)

Step 10. **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 24–26).

Step 11. **Use EzSet to set output levels:** Set the Balance to 12 o'clock, and the Volume to –10dB. Sit in the listening position and hold the remote in front of you at shoulder level, pointing at the AVR580. Press the SPL button for 3 seconds, and release it when the LED flashes amber. Press "5" or "7" to indicate the number of speakers. Hold the remote steady until the process is completed (see pages 27–29).

Step 12. Your system is configured – sit back and enjoy!
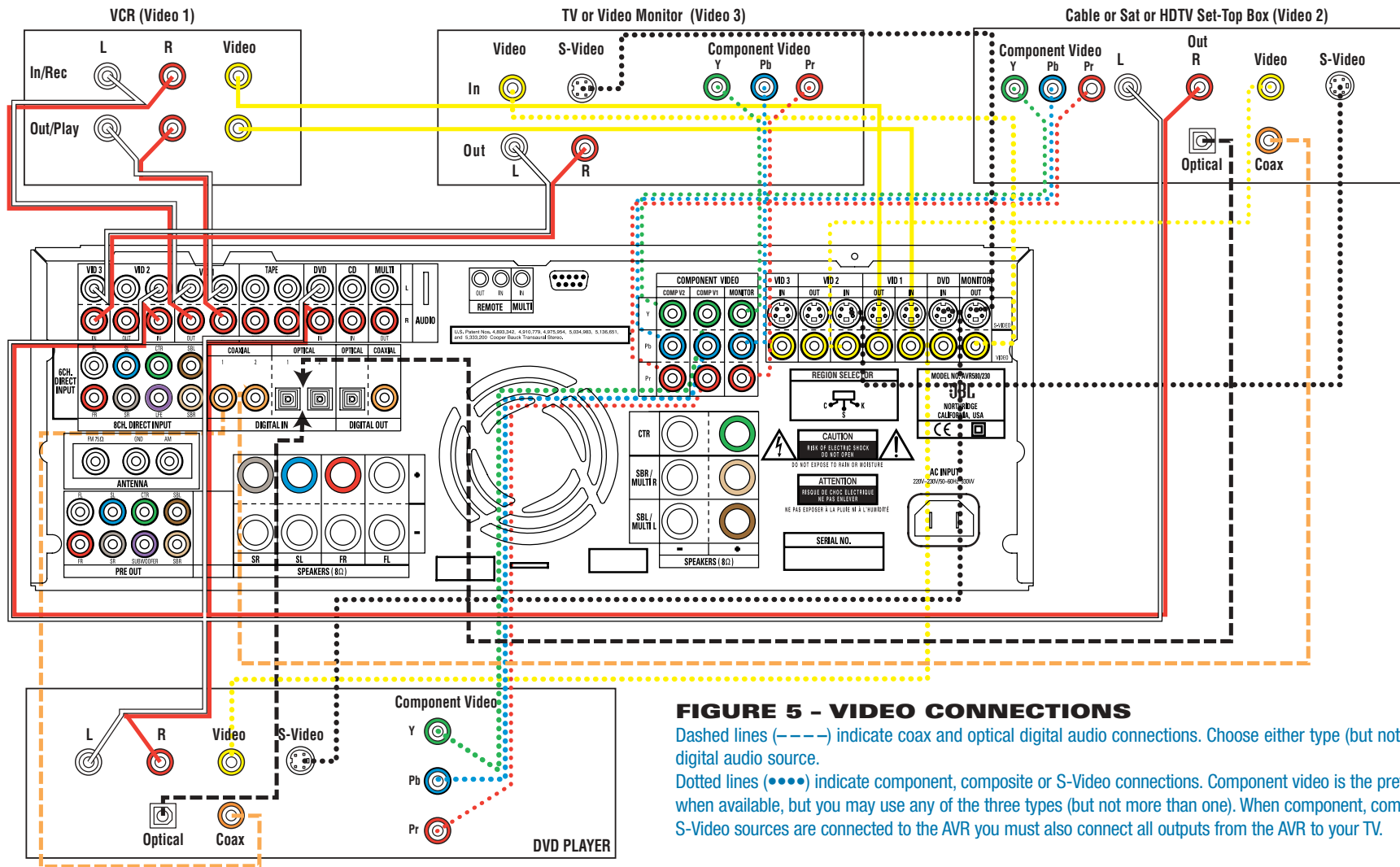
SPEAKER AND AUDIO CONNECTIONS

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 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 4, Coax 3 and Optical 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	Component, Video 2, 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 2	Video 2 L/R Inputs, Optical Digital 3* or Coaxial Digital 3* Inputs	Not required	Component Video 2, Video 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	Video 3	Video 3 L/R Inputs	Not required	Monitor-Out Component, Composite and/or S-Video

*Check with your cable service provider 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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