Thank you for purchasing a Harman Kardon AVR 430. 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 AVR 430, 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 430 (see page 8).

| 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 AVR 430 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 19).
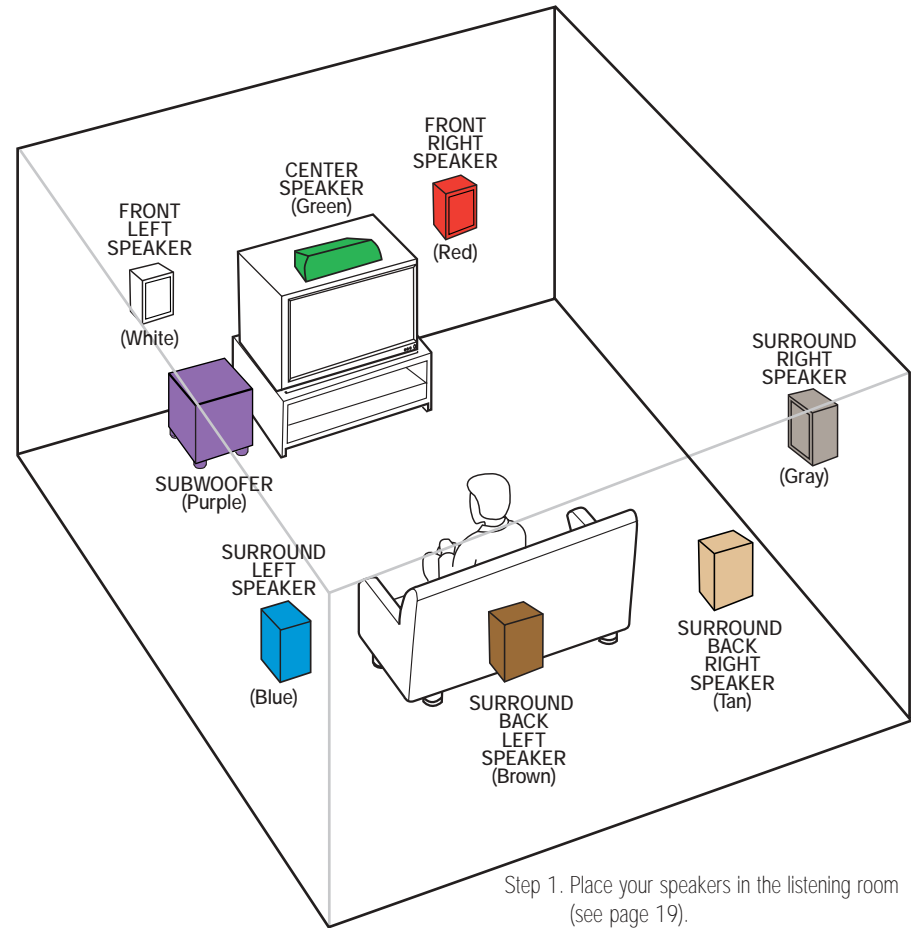
Figure 2 – Speaker Connections

Step 2. Connect the speakers to the receiver: red (+) on speaker to colored (+) on receiver and black (–) to black (–) (see page 16).

Step 3. Connect the Subwoofer Pre-Out jack to the Line-In jack on your subwoofer. You may adjust the settings on the subwoofer later as needed (see page 16).



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

**FM Antenna**  **AM Antenna**  **CD PLAYER**
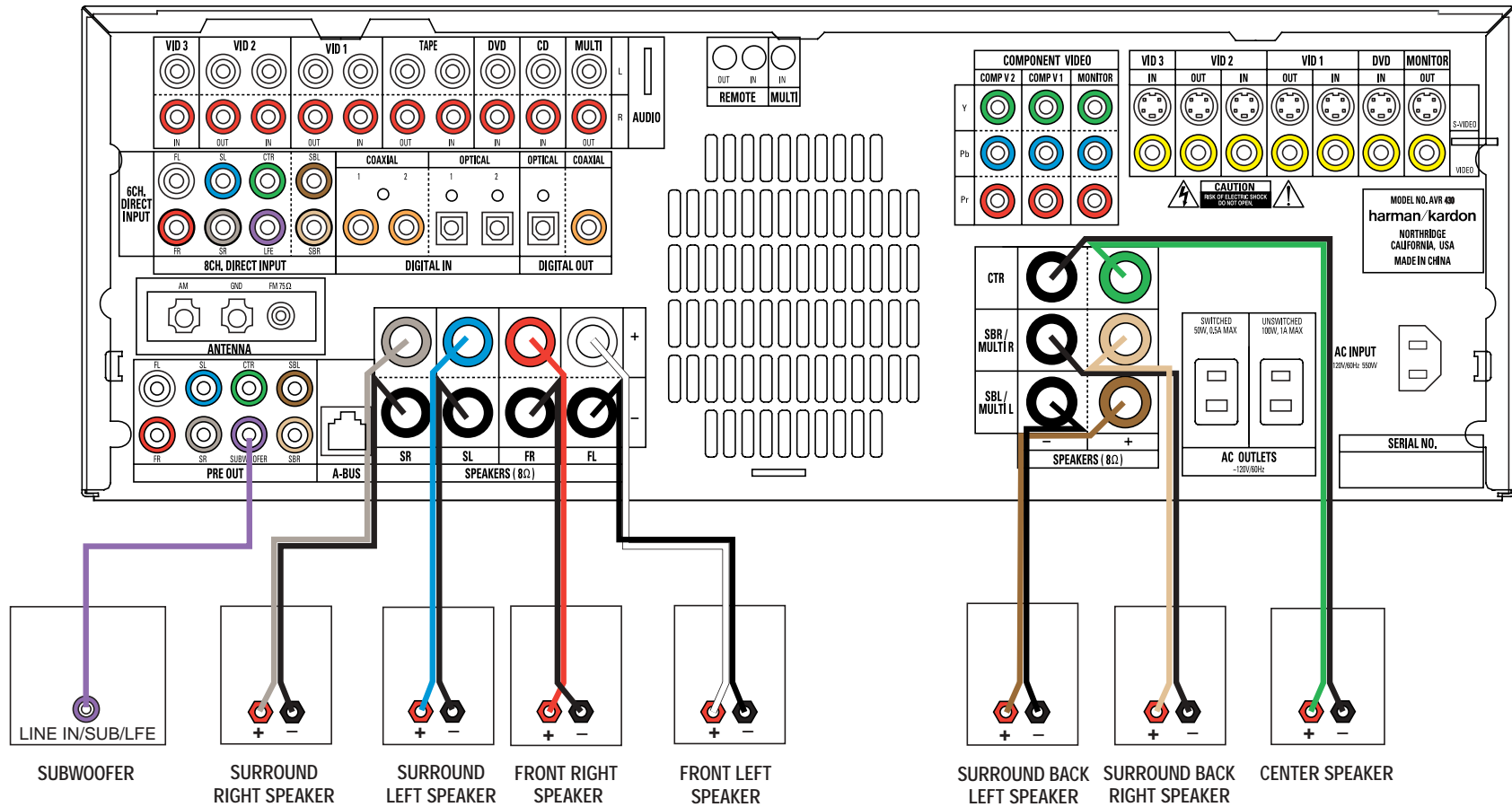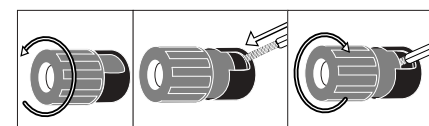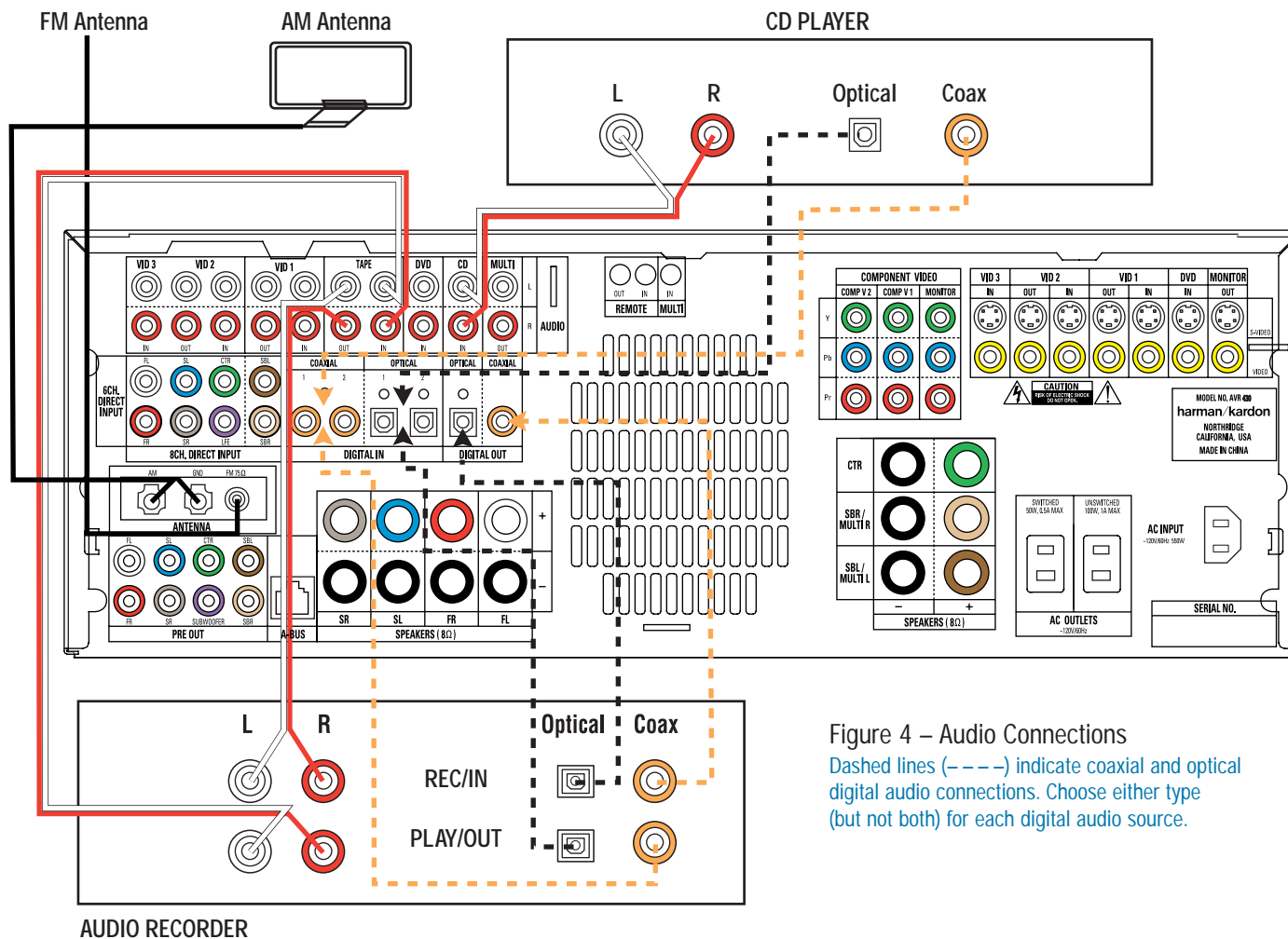
L  R  Optical  Coax

VID 3  VID 2  VID 1  TAPE  DVD  CD  MULTI  L
OUT  IN  IN
REMOTE  MULTI
AUDIO
IN  OUT  IN  OUT  IN  OUT  IN  OUT  IN  OUT  R
COAXIAL  OPTICAL  OPTICAL  COAXIAL
6CH. DIRECT INPUT
FL  SL  CTR  SBL  1  2  2  1
FR  SR  LFE  SBR
8CH. DIRECT INPUT  DIGITAL IN  DIGITAL OUT

COMPONENT VIDEO  VID 3  VID 2  VID 1  DVD  MONITOR
COMP V 2  COMP V 1  MONITOR
Y  OUT  IN  OUT  IN  OUT  IN  IN  OUT  S-VIDEO
Pb
Pr  VIDEO
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

**harman/kardon**
NORTHRIDGE
CALIFORNIA, USA
MADE IN CHINA

MODEL NO. AVR 430

AM  GND  FM 75Ω
ANTENNA
FL  SL  CTR  SBL
FR  SR  SUBWOOFER  SBR
PRE OUT  A-BUS

CTR
SBR / MULTI R
SBL / MULTI L
SPEAKERS ( 8Ω )

SWITCHED 50W, 0.5A MAX  UNSWITCHED 100W, 1A MAX
AC INPUT ~120V/60Hz 550W

SR  SL  FR  FL
SPEAKERS ( 8Ω )  +  –

AC OUTLETS ~120V/60Hz

SERIAL NO.

L  R  Optical  Coax

REC/IN

PLAY/OUT

**AUDIO RECORDER**

**Figure 4 – Audio Connections**
Dashed lines (– – – –) indicate coaxial 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 16).

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 16 –17).

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 coaxial (**orange**) to coaxial (**orange**) OR optical to optical for each device. The Coaxial 1 input defaults to the DVD player; however, it may be reassigned. Assign the other digital inputs and outputs as appropriate for your equipment (see Step 7).

VIDEO connections: Choose component (Y/Pb/Pr – **green/blue/red**), composite (**yellow**) or S-Video (4-pin) for each video source. The Component Video 1 inputs default to the DVD player, but may be reassigned. 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. Plug all components into AC power outlets. The outlets on the back of the AVR 430 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 Coaxial 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 coaxial digital input (see pages 21 and 32).

Step 8. **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 23–25).

Step 9. **Set the Output Levels with EzSet:** Set the Volume to –15dB. Sit in the listening position and hold the remote in front of you at shoulder level, pointing it at the AVR. Press the EzSet button on the remote, and then the Set button when it lights red. Following the instructions in the remote's LCD display, press the button on the remote until the display shows the number of speakers in your system and then press the Set button again. Hold the remote steady until the LCD display flashes a COMPLETE message (see page 26).

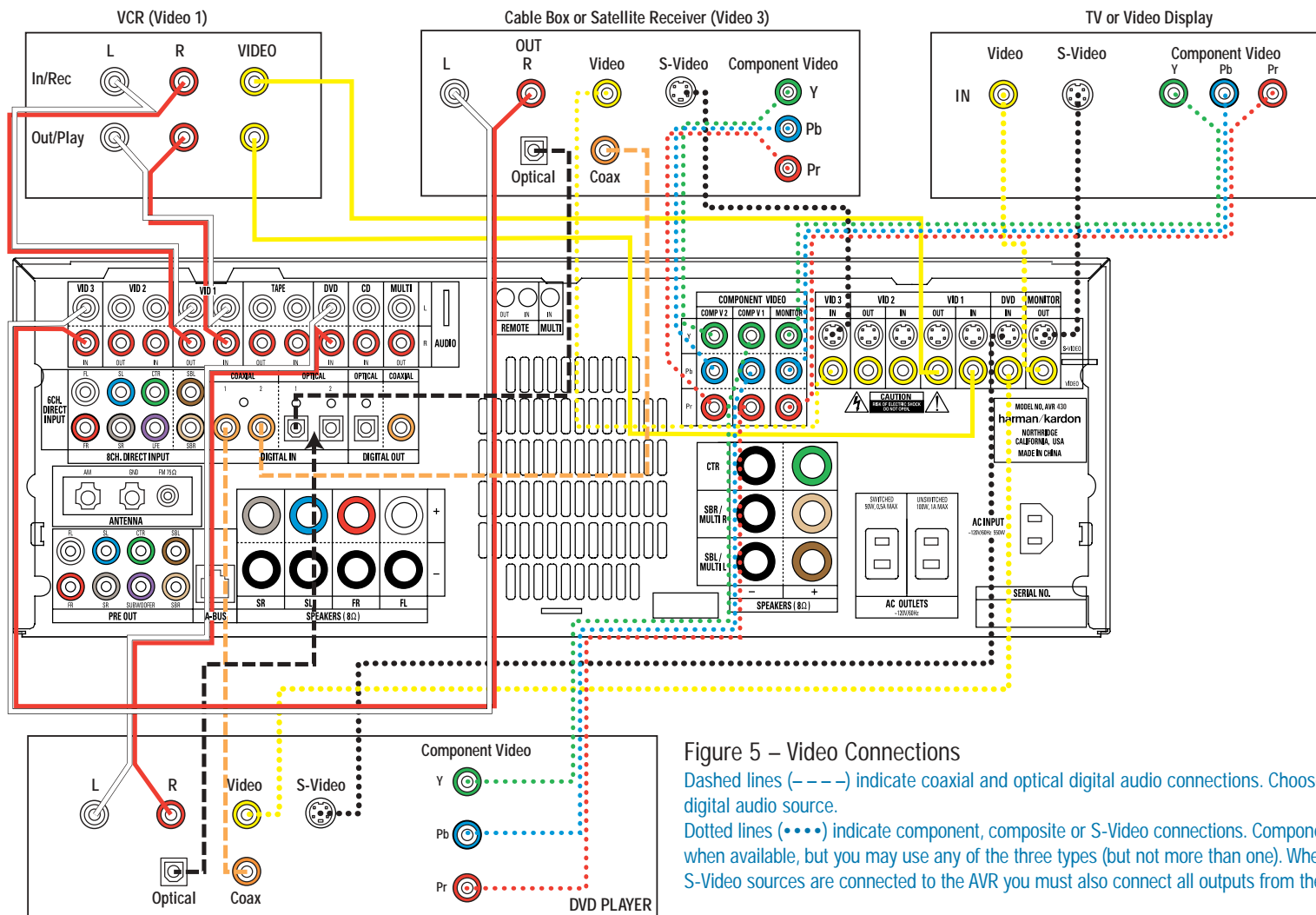Step 10. Your system is configured – sit back and enjoy!

**Figure 5 – 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 4, Coaxial 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 V1, 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 | Video 3 L/R Inputs, Optical Digital 3*, or Coaxial Digital 3* Inputs | Not required | Component V2, Video 3 Composite or S-Video |
| 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 Video Display | 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.

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Power for the Digital Revolution.

VIDEO CONNECTIONS