step1 Hookup

Select a connection
To enjoy DVD/VCR playback, select connection A. In addition, if you want to record TV programs from a connected tuner, make additional connections by referring to connection B.

A: Hookup for Playback

You will need:
- (one audio/video cord is supplied)

B: Hookup for Playback and Recording

Before hookup
This DVD-VCR does not include a tuner. To record TV programs on the DVD-VCR from a connected device, you need to connect the DVD-VCR to a tuner that has audio/video output jacks.

You have:
- Cable Box With Video/Audio Output
- Satellite Receiver With Video/Audio Output

Note: If you have been using your VCR connected to an antenna, connect the DVD-VCR in the same way. You can record TV programs.

3 If you have neither of the above tuners:
You have:
- Cable Box/Satellite Receiver Without Video/Audio Output
  - Please contact your cable service or satellite service company to ask cable box or satellite receiver with video/audio output.
- Cable With No Cable Box
  - Please contact your service to ask cable box with video/audio output.
- Antenna Only (No Cable TV/No Satellite Receiver)
  - You need to subscribe to a cable TV or satellite TV service and to get a cable box or satellite receiver with video/audio output.

Note: For any inquiry, please visit the Sony web site: http://esupport.sony.com/

Optional
Connecting a component video cord or an HDMI cord

Connect one of the following cords (not supplied) instead of the video cord. (One audio/video cord is supplied.) You will enjoy high-quality images.

- Component video cords or HDMI cord

For further explanation, see the Operating Instructions.

Connecting an AV amplifier (receiver)

Connect one of the following cords (not supplied).

- Audio cords
- Coaxial digital cord

Connecting to an AV amplifier (receiver) with digital cords will enable you to listen to Dolby Digital or DTS surround effects. For further explanation, see “Connecting To Your AV Amplifier (Receiver)” in the Operating Instructions.

Connecting the Set Top Box controller

Place it so that the tip of the control reception window on your set top box.

You can have the recorder control channels on the cable box or satellite receiver for timer recording. Connect the Set Top Box controller (supplied), and select “YES” in step 6 of Setup on the next page.
**Examples of Brand Codes**

<table>
<thead>
<tr>
<th>Brand Code</th>
<th>Name</th>
<th>Code 1</th>
<th>Code 2</th>
<th>Code 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sony</td>
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<tr>
<td>LG</td>
<td>0080</td>
<td>80</td>
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<td>80</td>
</tr>
</tbody>
</table>

**Setup**

1. Turn on your TV and any other connected equipment such as your cable box or satellite receiver.
3. Switch the input selector on your TV so that the signal from the recorder appears on your TV screen.
4. Press [SETUP] to display the System Menu.
5. Press [ programs 1] to select a language for the on-screen display, then press [ ENTER ].
6. Press [ programs 1] to select whether or not you want to use the Set Top Box control function, then press [ ENTER ].
7. Press the number buttons to enter the brand code of your cable box or satellite receiver. Then select "OK" and press [ ENTER ]. Some examples of brand codes are shown on the right.
8. Press [ programs 1] to set the month and press [ ENTER ]. Set the day, year, hours, and AM/PM in the same way. Then press [ ENTER ].
9. Press [ programs 1] to select the type of TV you have, then press [ ENTER ]. If you have a wide-screen TV, select "16:9" if you have a 4:3 screen TV, select either "4:3 Letter Box" (stairs in fit) or "4:3 Pan Scan" (stairs in fit). This will determine how "anab-screener" images are displayed on your TV.
10. When "Finish" appears, press [ ENTER ] to complete Easy Setup.

**Record**

**Insert a DVD Disc**

1. Press [ DVD ] to operate the DVD recorder.
2. Press [ OPEN/CLOSE] and place a recordable DVD on the disc tray.
3. Press [ OPEN/CLOSE] again to close the disc tray.

**Record a VHS Tape**

1. Press [ VCR ] to operate the VCR.
2. Insert a tape with its safety tab in place.

**Playback the Recorded VHS Tape**

1. Press [ DVD ] to operate the DVD recorder.
2. Press [ TITLE LIST]. The Title List menu appears.
3. Press [ programs 1] to select the title you want to play and press [ ENTER]. The sub-menu appears.

**Record a TV Program using Timer**

1. Press [ TIMER]. The Timer menu appears.
2. Press [ programs 1] to select Media, Date, Start and End time, Channel or Input source and Rec Mode. As for selecting a channel, see above "Record a TV program." The way to select "Ch/chnnel" may differ in the case of a Set Top Box controller.
3. Press [ ENTER].
4. Leave the cable box/satellite receiver turned on and do not change its selected channel until the recorder finishes the timer recording.

**Dub From VHS Tape to DVD**

1. Insert a recordable disc.
2. Insert a source tape.
3. Cue the tape at the start point, and press [ REC ] (VIDEO).

**From DVD to VHS Tape**

1. Insert a recordable tape.
2. Insert a source disc.
3. Select a title on the disc, and press [ REC ].

**Test your Set Top Box controller**

If you connected a Set Top Box, do the following:

1. Turn on the recorder and the cable box/satellite receiver.
2. Point the remote at the recorder (not at the cable box/satellite receiver).
3. Press Ch+/-. and confirm that the channel changes on the cable box/satellite receiver.

**Playback the Recorded DVD Disc**

1. Press [ DVD ] to operate the DVD recorder.
2. Press [ TITLE LIST]. The Title menu appears.
3. Press [ programs 1] to select the title you want to play and press [ ENTER]. The sub-menu appears.

**Record a TV Program**

1. Press [ DVD ] to record to a DVD disc.
2. Press [ VCR ] to record to a VHS tape.
3. Select a channel.
   a. When using a Set Top Box controller Press Ch+/-. buttons to select the cable box or satellite receiver’s channel.
   b. When not using a Set Top Box controller.

4. Press [ REC ].

5. The recorder starts recording. To stop recording, press [ STOP ].