

# Advanced connections guide

If you plan to configure an audio system that will incorporate this unit, refer to the table below for the necessary connections and settings.

Objective	Required components
To enjoy the Dolby Digital 3/2.1 channel surround sound of DVD discs. (Basic system) (p. 104)	* The required components listed here are examples. <ul style="list-style-type: none"><li>• Amplifier with 3/2.1 channel input facilities</li><li>• Speaker systems for 3/2.1 channel sound</li></ul>
To enjoy the 3/2.1 channel surround sound of DVD discs using a Dolby Digital & dts decoder (or amplifier with built-in decoder). (p. 105)	<ul style="list-style-type: none"><li>• Amplifier with a built-in Dolby Digital &amp; dts decoder or a Dolby Digital/dts decoder and an amplifier with 3/2.1 channel input facilities</li><li>• Speaker systems for 3/2.1 channel sound</li></ul>
To connect with a 2-channel analog amplifier (including a Dolby Pro Logic amplifier). (p. 106)	<ul style="list-style-type: none"><li>• 2-channel analog amplifier</li></ul>
To connect with a 2-channel digital amplifier. (p. 106)	<ul style="list-style-type: none"><li>• 2-channel digital amplifier</li></ul>
To record on a cassette deck, etc. (Analog recording) (p. 106)	<ul style="list-style-type: none"><li>• Amplifier</li><li>• Cassette deck, etc.</li></ul>
To record digital signals to an MD deck. (Digital recording) (p. 106)	<ul style="list-style-type: none"><li>• Amplifier</li><li>• MD deck or other digital recording component</li></ul> Use a digital recording component that supports sampling frequency specifications of 48 kHz/16 bits. Discs protected by copy safeguards cannot be digitally recorded.

**Initial settings**  
 "3 Audio Settings" → "1 Digital Audio Output"

- "1 LPCM 96 → 48kHz" → "1 On"
- "2 Dolby Digital" → "2 PCM"
- "3 dts" → "2 Off"

- "1 LPCM 96 → 48kHz" → "1 On"
  - "2 Dolby Digital" → "1 Bitstream"
  - "3 dts" → "1 Bitstream"
- Set "3 dts" to "2 Off" if the decoder does not support dts.

- No settings required.

- "1 LPCM 96k → 48kHz" → "1 On"
- "2 Dolby Digital" → "2 PCM"
- "3 dts" → "2 off"

- No settings required.

- "1 LPCM 96k → 48kHz" → "1 On"
- "2 Dolby Digital" → "2 PCM"
- "3 dts" → "2 off"

**Initial settings**  
 "3 Audio Settings" → "4 Speaker Setting"

- Display the icon marks for all speakers connected.
  - Set "Output balance."
  - Set "Delay time."
- When 3 or 4 speakers are to be connected.**
- Display the icon marks for only the speakers connected. For instance, connect to front (L/R) and center when using 3 speakers and to front (L/R) and surround (L/R) with 4 speakers.

- No settings required. Perform the speaker settings at the decoder. Do not change the unit's factory settings.

- No settings required. In the case of a Dolby Pro Logic amplifier, perform the speaker settings at the amplifier.

- No settings required.

- No settings required.

- No settings required.

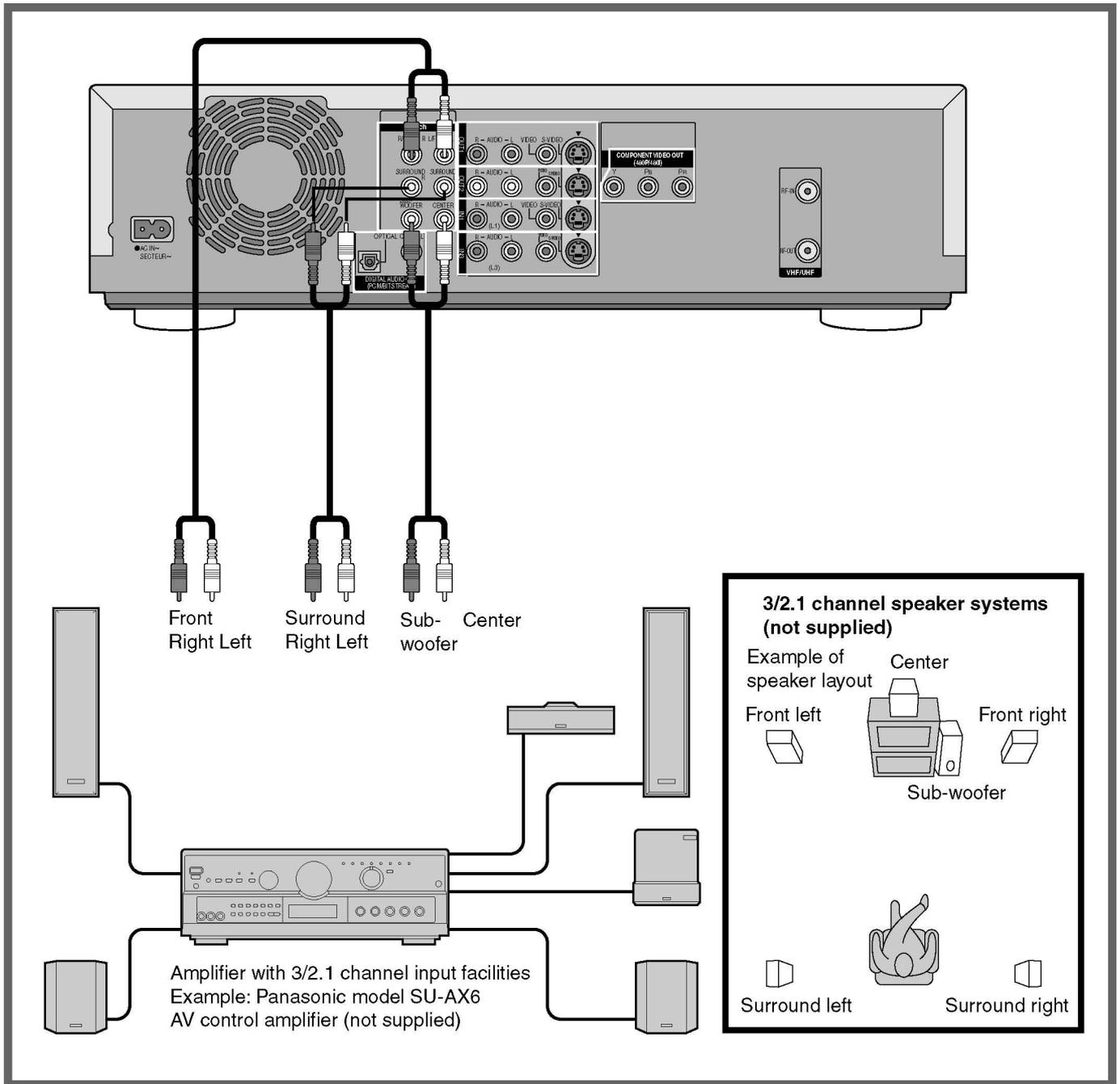
**Note:**

- Playing DVD discs without establishing the initial settings properly may generate a level of noise that can be harmful to your ears, and speakers.

# Advanced connections

## Configuring a Dolby Digital 3/2.1 channel surround system (basic system)

This basic system constitutes a full-blown home theater for increasing your viewing pleasure of DVD-Video discs.



**Note:**

- When using speakers in addition to front speakers, the V.S.S. (virtual surround sound) mode must be turned off. If the V.S.S. 1 or V.S.S. 2 mode is set, sound will be heard only from the front speakers: the other speakers will be silent.