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HOMETHEATER **System Guide**

(Contains Installation and Operation Information)

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CHAPTER 1

General description

The Circuit City Stores, Inc. Home Theater switching panel, shown in figure 1-1, enables Circuit City Sales Associates to easily demonstrate to customers the benefits of a home theater surround sound system.

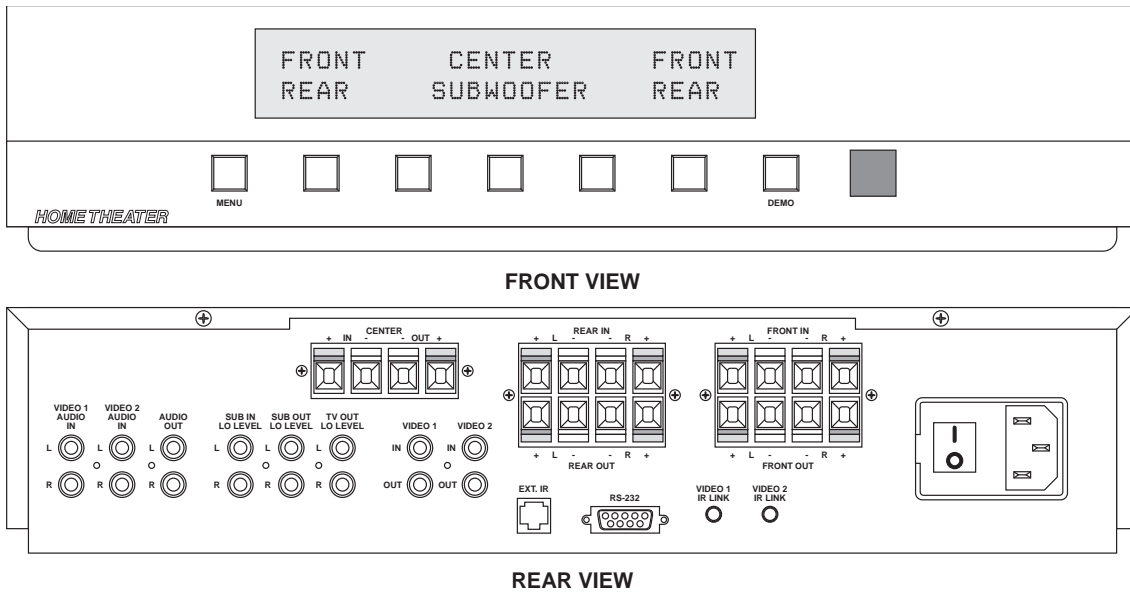


Figure 1-1. Home Theater switching panel, front and rear views

The switching panel is typically connected between a VCR, a laser disc player, and an audio/video (A/V) receiver. Using the switching panel, an operator can switch between the TV's built-in speakers and the home theater surround sound system speakers, as well as controlling the sound volume from the speakers. The switching panel's remote controller can control switching panel functions and such VCR/laser disc player functions as play, pause, stop, chapter up, chapter down, etc.

1.1 System components

The switching panel is used with the following major components:

- Home Theater switching panel. Enables the operator to switch between the display TV's built-in speakers and the home theater surround sound system speakers.
- Remote control (see figure 1-2). Allows the operator to remotely control the switching panel and up to two audio/video (A/V) devices (typically a Hi-Fi VCR and a laser disc player).



Figure 1-2. Home Theater switching panel remote control

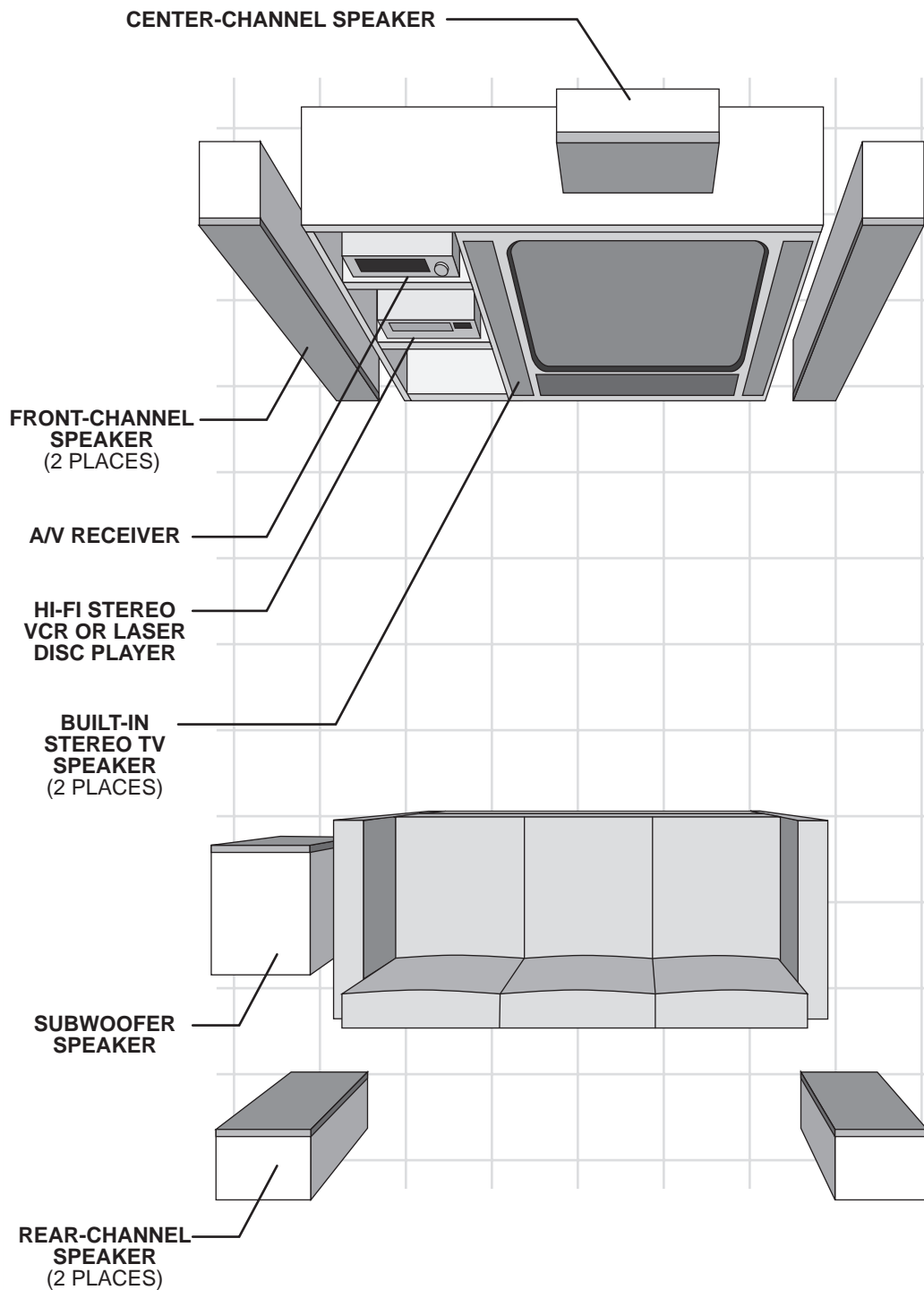


Figure 1-3. Typical home theater surround sound system

- A/V receiver. The A/V receiver (see figures 1-3 and 1-4) contains a Dolby® Pro Logic® decoder that receives the surround-sound information on video from the A/V devices and balances and routes sounds to the proper speakers.

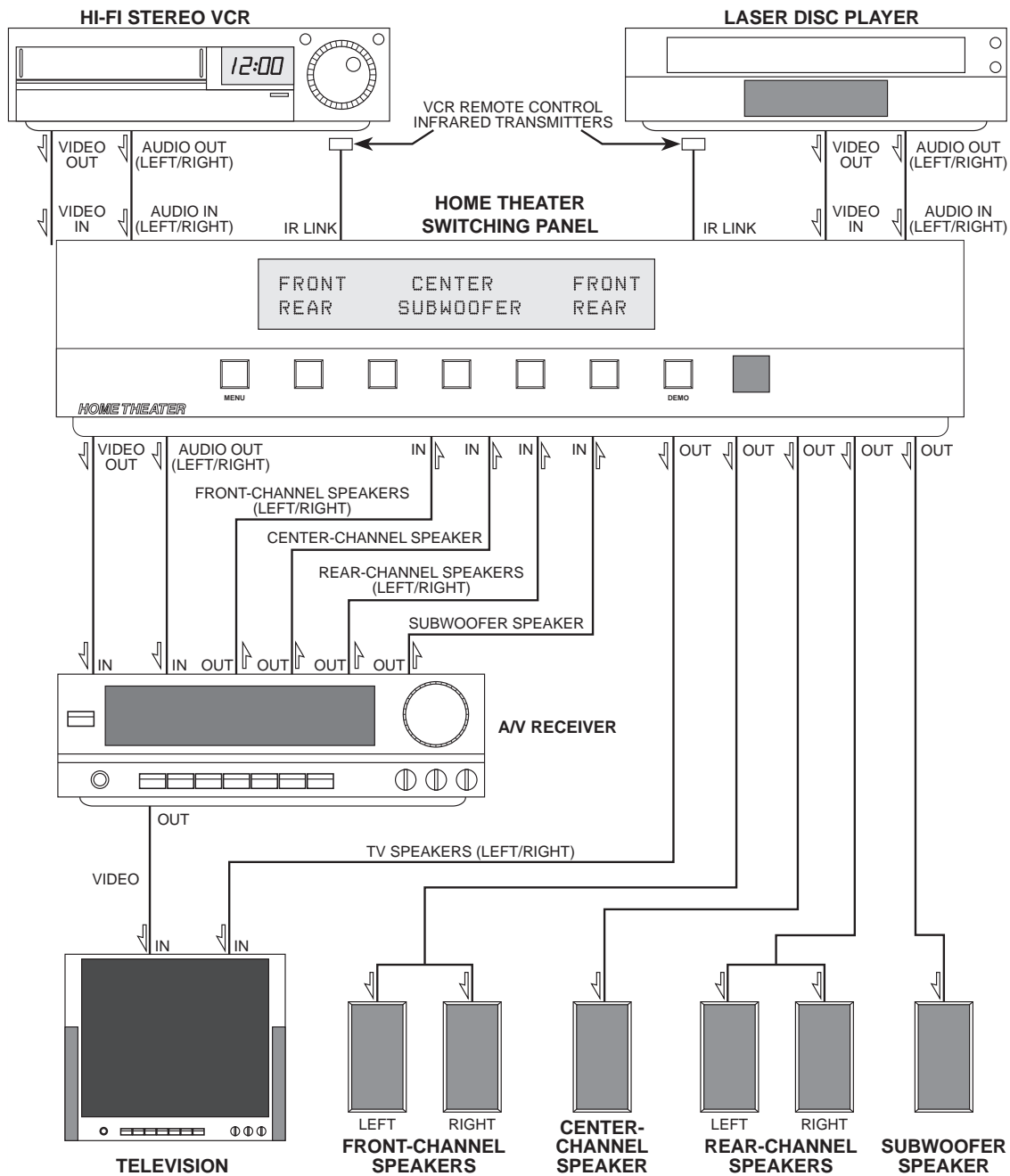


Figure 1-4. System diagram

- Hi-Fi stereo video cassette recorder (VCR). The Hi-Fi VCR (see figures 1-3 and 1-4) delivers the surround-sound information that the A/V receiver decodes as center and rear-channel sound.

Note

The surround-sound information can also be supplied by a stereo satellite TV system or cable TV box.

- Front-channel speakers (see figures 1-3 and 1-4). These speakers provide the left and right front-channel sound in the home theater system, delivering primary directional sounds.
- Center-channel speaker (see figures 1-3 and 1-4). This speaker provides the center dialogue channel in Dolby Pro Logic surround sound. The speaker should be placed on top of the TV, beside it, or below it on a shelf.
- Rear-channel speakers (see figures 1-3 and 1-4). These speakers deliver the time-delayed environmental cues and sound effects that result in greater perceived spatial depth. The speakers should be located to the side or rear of the viewer.
- Subwoofer speaker (see figures 1-3 and 1-4). The subwoofer provides the very-low-frequency effects on movie soundtracks. It can be positioned in the room where convenient.