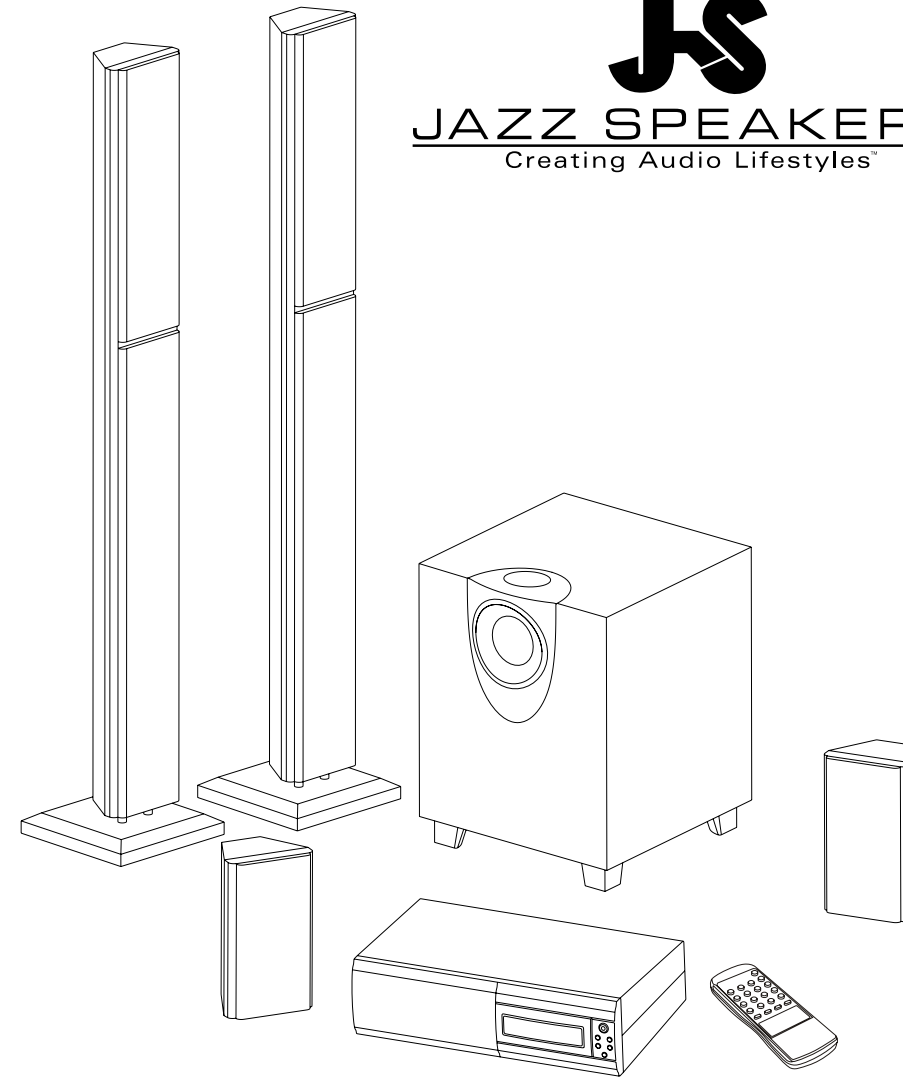


**JS**<sup>®</sup>  
**JAZZ SPEAKERS**<sup>®</sup>  
Creating Audio Lifestyles™



**OPERATING INSTRUCTIONS**  
***J-9940B Dolby Digital & DTS Home Theater***  
***Amplifier Speaker system***

J38-10225-000

***Magnetically Shielded Amplified Speakers***



***JAZZ Hipster Corporation***

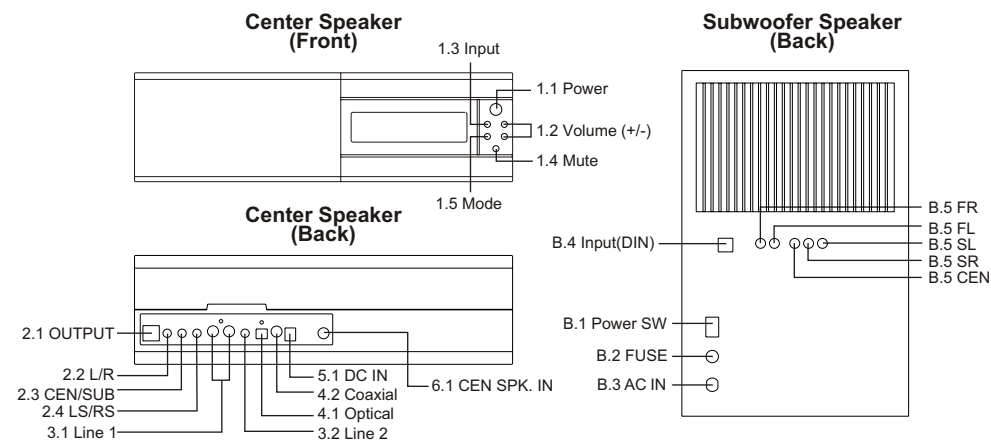
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TEL : 886-2-2222-5678 FAX : 886-2-2223-1333  
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(English)

## Speaker Function Description



### A. Center Speaker (with build in decoder)

#### 1. Front Panel Control Functions

- 1.1 **Power** : Turns system stand-by power on/off.
- 1.2 **Volume (+/-)** : Raises or lowers the systems volume level.
- 1.3 **Input** : Manual selection of audio input modes. Choices are Line, Optical, and Coaxial.
- 1.4 **Mute** : Mutes/Restores systems volume.
- 1.5 **Mode** : Manual selection of audio modes. Choices are dts, Dolby Digital, Dolby Pro Logic and Stereo.

#### 2. Outputs

- 2.1 **OUTPUT** : 9 pin DIN jacks for 6 channels analog audio signal output.
- 2.2 **L/R** : 3.5mm jack for Front Left and Front Right analog audio signal output.
- 2.3 **CEN/SUB** : 3.5mm jack for Center and Sub-Woofers analog audio signal output.
- 2.4 **LS/RS** : 3.5mm jack for Left Surround and Right Surround analog audio signal output.

#### 3. Inputs A : Analog Audio Source

- 3.1 **Line 1** : Left/Right RCA input jacks for analog stereo audio source.
- 3.2 **Line 2** : Left/Right 3.5mm input jacks for analog stereo audio source.

#### 4. Inputs B : Digital Audio Source

- 4.1 **Optical** : Optical fiber input for digital audio source (PlayStation 2, DVD player or device with optical digital output).
- 4.2 **Coaxial** : Coaxial input for digital audio source (DVD player or device with coaxial digital output).

#### 5. Power Input

- 5.1 **DC IN** : DC power input jack (from DC adapter).

#### 6. Speaker Input

- 6.1 **CEN SPK. IN**: Accepts the CEN output from Subwoofer (B.5 CEN.)

### B. Subwoofer (back) Control Functions :

- B.1 **Power SW** : Turns system power on/off.
- B.2 **Fuse**: Power protection fuse.

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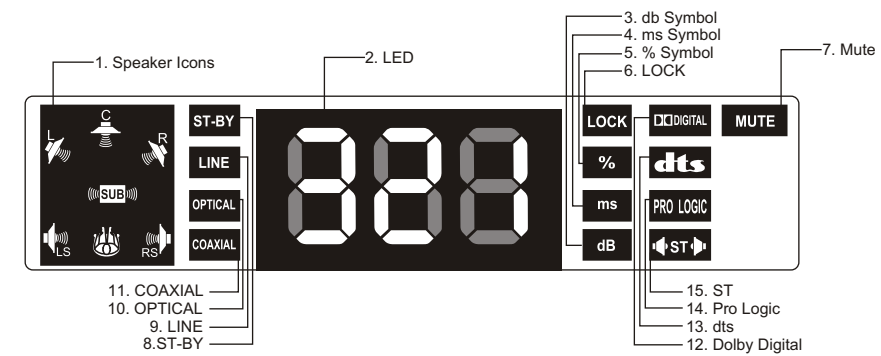
B.3 **AC IN** : AC Power input cord.

B.4 **Input ( 9 pins DIN jacks )** : Accepts the DIN cable connected to Center speaker'sDIN jack output which is defined by JS especially.

#### B.5 SPEAKER OUTPUT :

- FL/FR** : RCA audio output to Front left and Front right speakers.
- SL/SR** : RCA audio output to Rear left and Rear right speakers.
- CEN** : RCA audio output to Center speaker. ( 6.1 CEN SPK. IN )

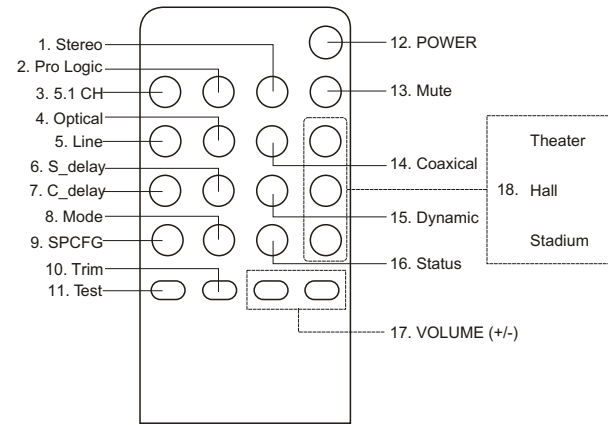
## Indicator Display Lights



1. **Speaker Icons** : Indicate active speakers in different mode. For example, 6 speakers and listener will light on when dts or Dolby Digital mode was selected. And only listener, left and right speakers are light on when Stereo mode selected.
2. **LED Display** : Displays audio mode status.
  - 2.1. 321 = 5.1 Channels (Digital)
  - 2.2. 200 = Stereo (2 Channel)
3. **db Symbol** : Will light when using the Volume or Trim adjustment functions.
4. **ms Symbol** : mini second, Will light while using the C\_Delay or S\_Delay adjustment functions.
5. **% Symbol** : Will light when using the Dynamic adjustment function.
6. **LOCK** : The Decoder can automatically detect the input signal and audio type. When both are detected, the lock indicator will light.
7. **Mute** : Indicate mute status.
8. **ST-BY** : Stand By, indicate LED is normal on when power adaptor has connect to decoder box.
9. **LINE** : LED will light on if input signal comes from line input.
10. **OPTICAL** : LED will light on if input signal comes from Optical.
11. **COAXIAL** : LED will light on if input signal comes from Coaxial.
12. **Dolby Digital** : Dolby Digital audio mode is selected.
13. **dts** : Digital Theater System audio mode is selected.
14. **Pro Logic** : Dolby Pro Logic audio mode is selected.
15. **ST** : Stereo audio mode is selected.

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## Remote Control Functions



1. **Stereo** : Manual selection of stereo 2-channel audio mode.
2. **Pro Logic** : Manual selection of Dolby Pro Logic audio mode.
3. **5.1 Ch** : Manual selection of Dolby Digital or DTS audio mode.
4. **Optical** : Manual selection of optical input mode.
5. **Line** : Manual selection of line input mode.
6. **S\_Delay** : Surround speaker's audio delay when in the Dolby Digital or Dolby Pro Logic audio modes. Choices are : 0 ms, 5 ms, 10 ms, 15 ms (default : 0 ms).
7. **C\_Delay** : Center speaker audio delay when in the Dolby Digital or Dolby Pro Logic audio modes. 0-5 ms delay (default : 0 ms)
8. **Mode** : Selection of audio type. Choices are DTS(\*), Dolby Digital, Dolby Pro Logic, or Stereo
9. **SPCFG** : For Dolby Digital and Dolby Pro Logic audio modes only. Distributes low-bass frequencies, usually reproduced by the subwoofer, to the front, center and surround speakers. Press the SPCFG button and adjust the levels using the Volume +/- buttons.
10. **Trim** : Same as "Test" but uses your audio input signal rather than a test signal. Adjust each speaker's volume level using the Volume +/- buttons.
11. **Test** : Auto test individual speaker volume adjustment when in Dolby Digital or Dolby Pro Logic modes. Press and hold the test button for 2 seconds. As the test signal travels from channel-to-channel, adjust each speakers volume level using the Volume +/- buttons.
12. **Power** : Turns system stand-by power on/off.
13. **Mute** : Mutes/Restores systems volume.
14. **Coaxial** : Manual selection of coaxial input mode.
15. **Dynamic** : Dynamic range adjustment between the loudest and softest sounds being reproduced. Choices are : 0%, 25%, 50%, 75% (default : 0%).
16. **Status** : Displays audio mode status.
17. **Volume (+/-)** : Raises or lowers the systems volume level.
18. **Theater /Hall /Stadium** : Used in only the Stereo audio mode, selecting Theater, Hall, or Stadium modes creates various levels of simulated surround sound effects from a 2-channel stereo audio source.

## Product Specifications

1. **Subwoofer (Wooden) :**  
**Output Power (R.M.S.) :** 100 W  
**Driver :** 8" Woofer  
**Load Impedance :** 6 Ohms  
**Magnetically Shield :** Not necessary  
**Fuse:** AC 250V/3.15A (Local voltage: 220 ~ 240V)  
AC 125V/ 5A (Local voltage: 100 ~ 120V)  
**AC IN :** AC transformer built-in.
2. **Satellite :**  
**Output Power (R.M.S.) :** 20W x 5  
**Driver :** Front SPK. (Wooden) 3" full range x 2 + 1" dome tweeter  
Rear SPK. (Plastic) 3" full range + 1" dome tweeter  
Center SPK. (Plastic) 3" full range + 1.5" dome tweeter  
**Load Impedance :** 8 Ohms  
**Magnetically Shield :** YES
3. **Total Power (R.M.S.) :** 200 W
4. **Frequency Response :** 30 Hz ~ 20 kHz
5. **Dimension (W x H x D) :** Subwoofer - 330 x 410 x 330 mm  
Center - 330 x 95 x 200 mm  
Front - 130 x 1100 x 87 mm  
Rear - 130 x 230 x 110 mm
6. **Center Speaker (With build in Decoder) :**  
**POWER Adapter :** Power source from DC Adapter  
**Operation Environment :** 0°C ~ 40°C
7. **Remote control :**  
**Battery :** (DC 1.5V AAA x 2)  
**Dimension (W x H x D) :** 60 x 15 x 160 mm

## Package Contents

- \* Center Speaker with built-in AC-3 Decoder Box , Subwoofer, Satellite speakers x 4
- \* Power Adapter
- \* Coaxial Cable
- \* 3.5 mm to RCA stereo signal cable x 1
- \* RCA signal cable (3M) x 3
- \* RCA to Bare wire signal cable (3M) x 2
- \* RCA Extension cable (6M) x 2
- \* 9 pin DIN cable x 1
- \* Wall Mounting kit
- \* Remote control
- \* Battery (DC 1.5V AAA x 2)
- \* User Manual

## Optional Accessories

- \* **F-500(A) Speaker stand**  
Telescopic floor stand for rear speaker (Cast metal base)

## Glossary of Terms

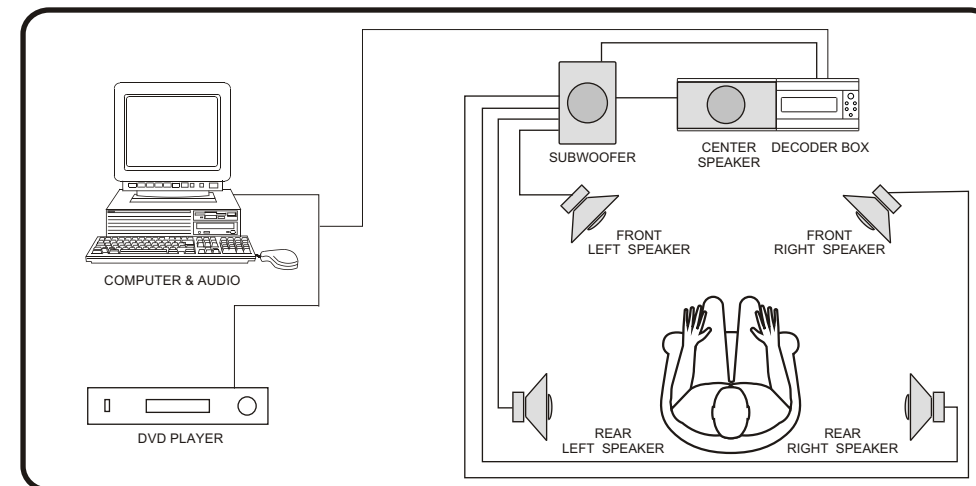
- 1. Dolby Digital (AC-3)** : 5.1 Dolby Digital technology outputs 6 independent audio channels to the front left and right speakers, rear left and right speakers, center speaker, and subwoofer.
- 2. dts** : Another 5.1 Digital technology outputs 6 independent audio channels to the front left and right speakers, rear left and right speakers, center speaker, and subwoofer.
- 3. Dolby Surround Pro Logic** : Dolby Surround Pro Logic technology outputs 4 independent channels to the front left and right speakers, rear speakers (single channel), and center speaker. The low\_bass or subwoofer channel is derived from the front left and right speaker channels.
- 4. Stereo** : Traditional 2-channel (left/right) analog audio.
- 5. Mute** : The mute function is used to quickly lower (or restore) the system volume.
- 6. Delay** : Delay is a feature that allows the viewer to adjust the audio output delay of the surround and center speakers. Doing this allows the viewer to hear sound from the surround and front/center speakers simultaneously (without a delay). Because the surround speakers are usually closer to the viewer than the front speakers, Dolby Digital requires a split\_second electronic delay of the surround channels. This delay ensures that the viewer hears sound from the surround and front/center speakers simultaneously.
- 7. Mode** : Mode refers to which type of audio output technology is being outputted. Choices are DTS(\*) Dolby Digital, Dolby Pro Logic and Stereo.
- 8. Dynamic Range** : The range between the loudest and softest sounds a system can reproduce. This range may be adjusted by using the Dynamic function.
- 9. Test** : The test mode is designed for use when Dolby Digital audio output is selected. The test feature is used to individually test and balance the audio output levels of each speaker. Unlike the "Trim" function (see below), the test function uses a test signal.
- 10. Trim** : Trim produces the same results as the "Test" function (see above) but uses your audio input signal rather than a test signal from channel\_to\_channel.
- 11. SPCFG** : Used on in the Dolby Digital and Dolby Pro Logic modes, the SPCFG controls the amount of low\_bass frequency to the front, center and rear speakers when a subwoofer is not present. If a subwoofer is present, this feature is not needed.

## Default Settings

To return all adjustment settings to the factory defaults, turn off the main system power and unplug the DC power adapter. After 10 seconds, plug in the DC adapter.

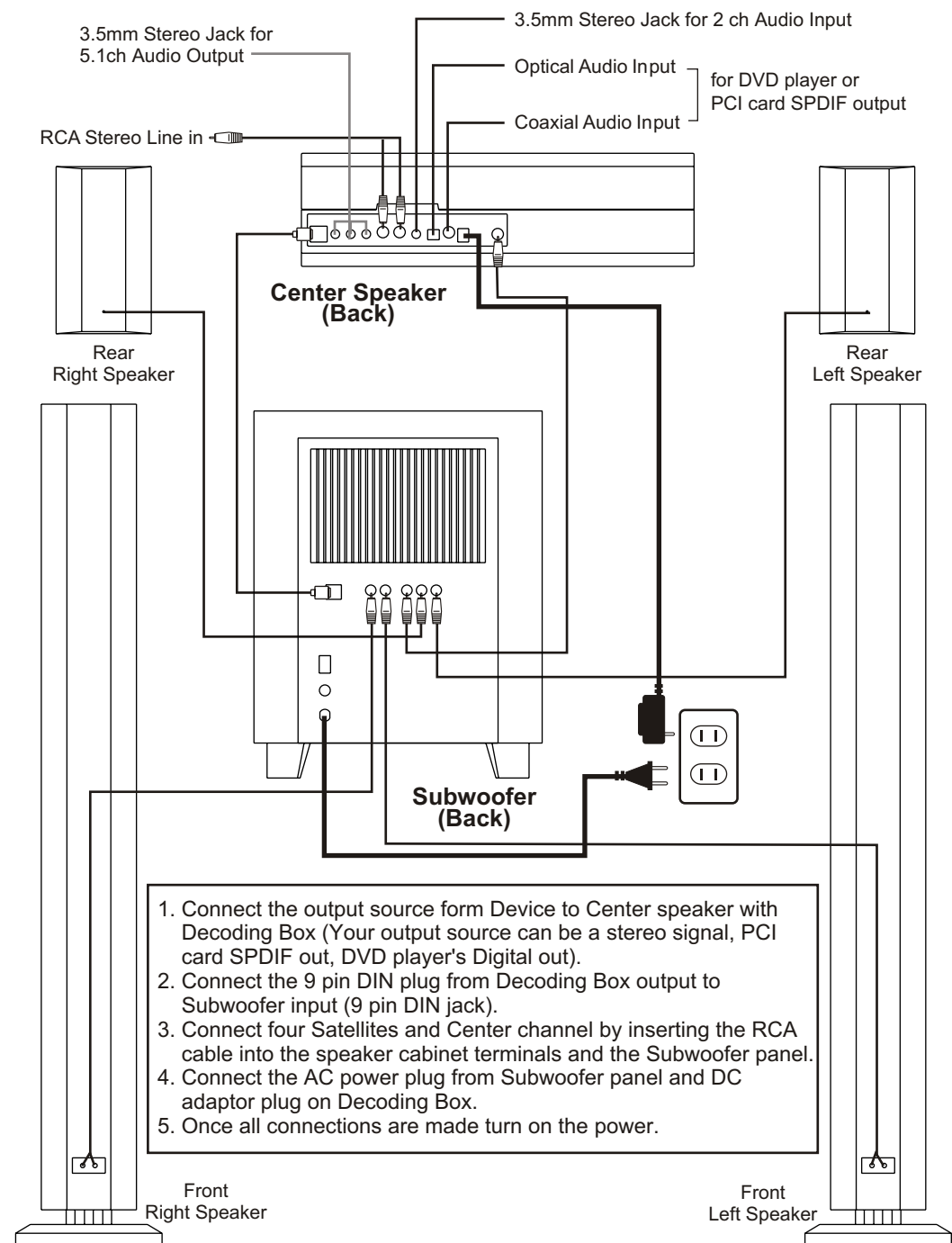
## Notice

1. Avoid exposing speakers to environments that are excessively warm and humid (particularly in unventilated spaces or nearby heaters) or dusty.
2. Do not set speakers near windows exposed to direct sunlight or in areas prone to water seepage.
3. Avoid excessive vibration of speakers.
4. Clean speaker housing by wiping with mild cleaning solution. Do not use solvents!
5. The speakers incorporate an efficient anti-magnetic architecture, permitting use in close proximity to most television screens. If the use of your speakers cause distortions in your television screen colors, try the following:  
Turn off and unplug your television, turn on the speaker(s). After waiting 15 to 30 minutes, turn the television on and increase the distance between screen and speakers until distortion disappears. Also, note whether other magnetic emission sources are in the immediate vicinity. If so, relocate so as to prevent screen distortion.
6. "!" **WARNING** : Before connecting or disconnecting any cables, make sure that the speaker's power button is in the " OFF " position and the power adapter is unplugged from the power source and not receiving power.
7. All other brand and product names are trademarks or registered trademarks of their respective holders.
8. All specifications subject to change without prior notice.
9. Manufactured under license from Dolby Laboratories. " Dolby " , "Pro Logic " and the double-D symbol are trademarks of Dolby Laboratories.



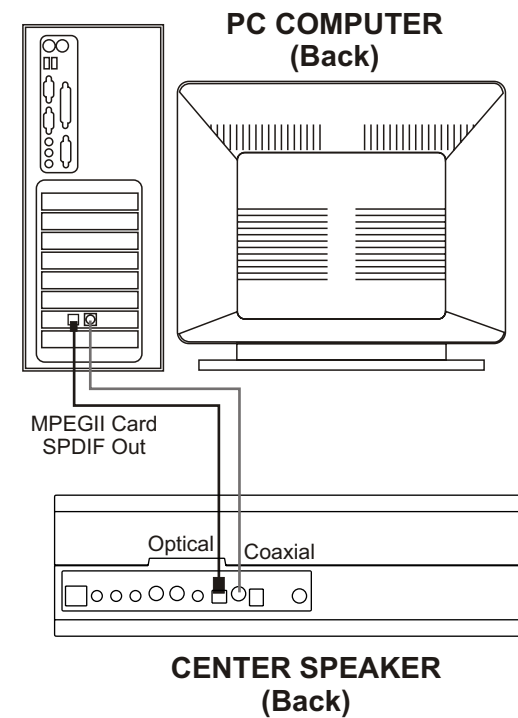
Fig(1)

## Speaker System Connection Diagram



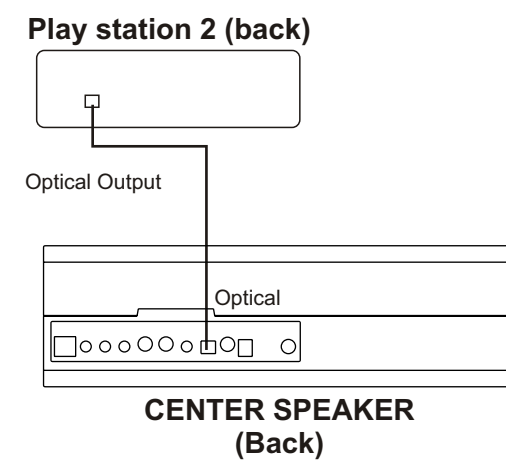
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## Decoder With PC Computer Setup



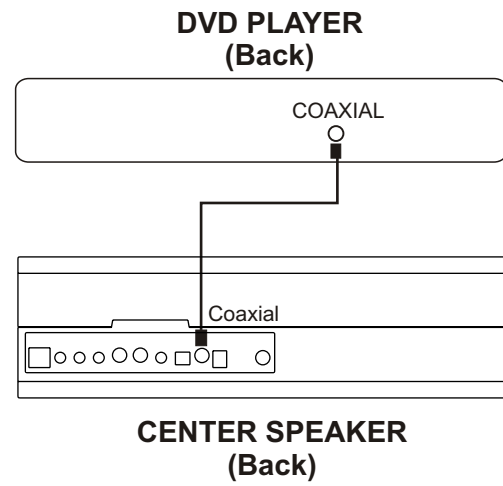
\* You can choose one of the outputs (Coaxial/Optical) for connection.

## Decoder With Play Station 2



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## Decoder With DVD Player Setup



\* This model is fit for DVD player without decoding function, but has Digital output. You can choose one of the outputs (Coaxial/Optical) for connection.

## Notice !!

If using a CD or VCD with JS series decoders.

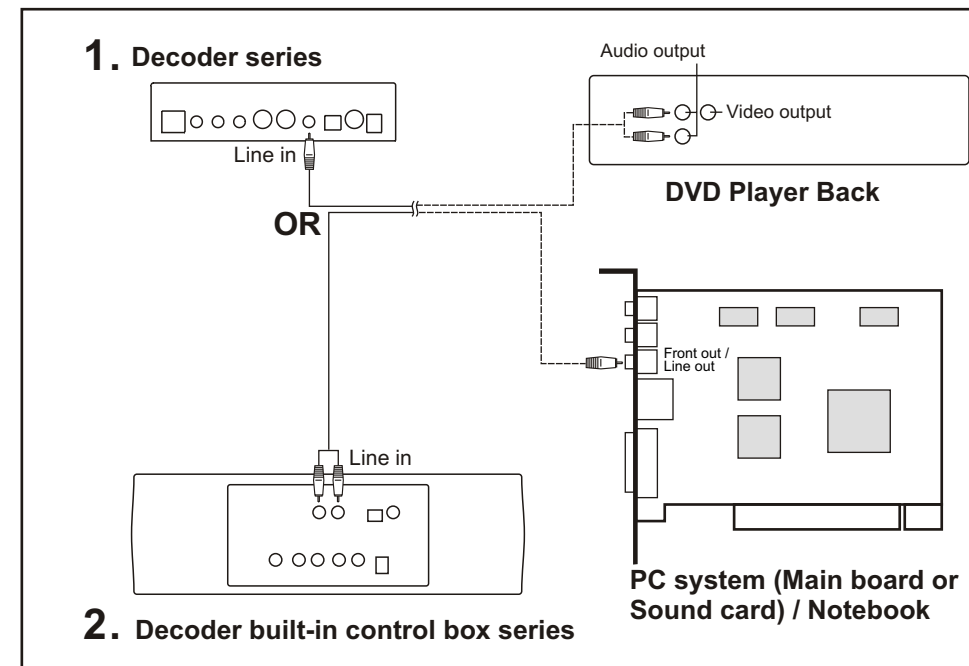
### Problem:

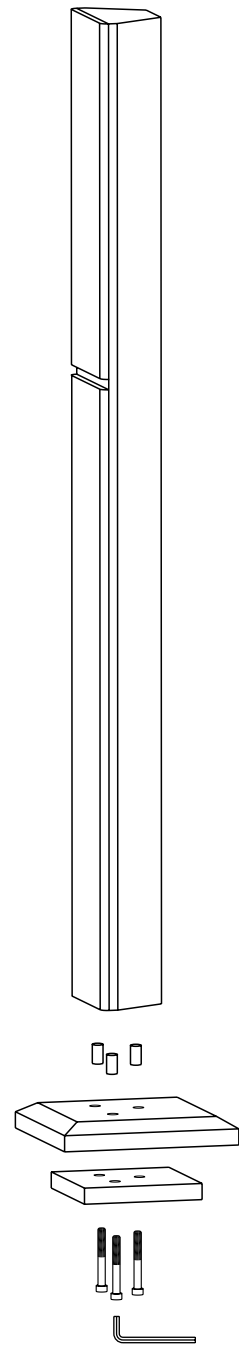
When using a DVD ROM or DVD Player, CD or VCD, using the 3.5 mm Digital Output (Coaxial /Optical) jack may result in unsatisfactory audio performance.

### Solution:

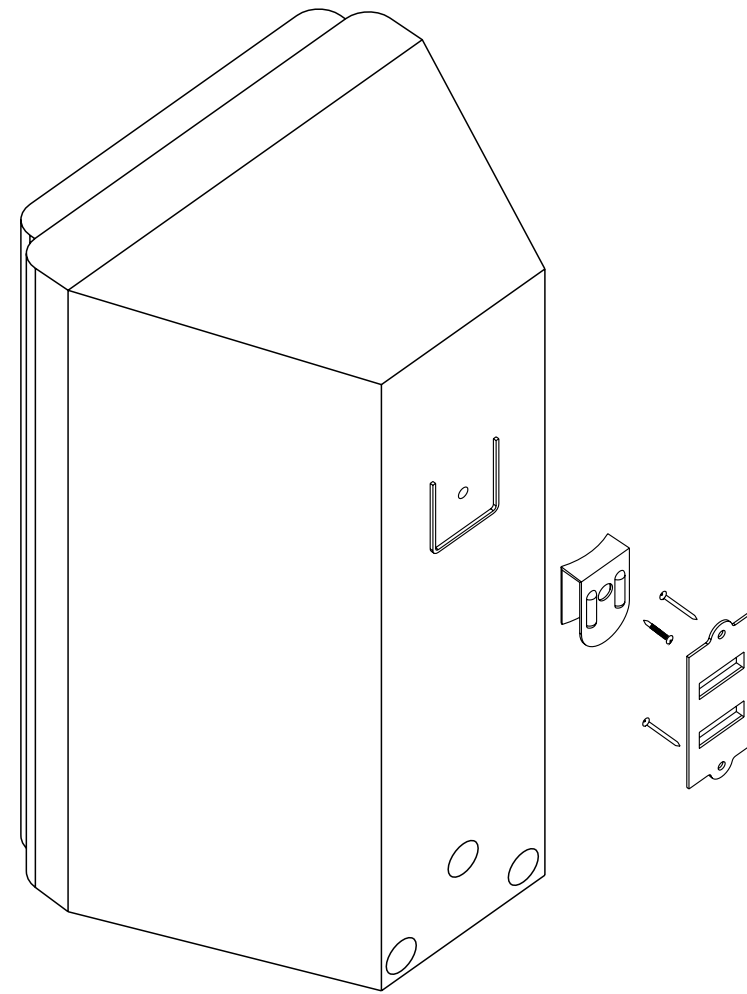
Use the 3.5mm analog 2 channel and Pro Logic 5.1 surround sound line in jack (INPUT) .

**Note:** Manufactured under license from Dolby Laboratories. "Dolby" , "Pro Logic" and the "Double-D" symbols are trademarks of Dolby Laboratories.





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