

DCT-7

Virtual 5.1 Surround Audio Processor

Operation Manual



Revision History

<i>Version No</i>	<i>Date</i>	<i>Summary of Change</i>
<i>V1</i>	<i>20090408</i>	<i>Preliminary Release</i>

Precaution

Failure to follow the precautions described below may cause damage to the Audio Processor and will void the warranty.

- DO NOT open the casing, doing so will void the warranty. If you have a problem with this device, please return it back to your retailer or seller who will then assist you with your problem.
- DO NOT use a third party AC adapter or power cord. Doing so may damage the Audio Processor.
- DO NOT bump, shake or drop the contents of this product as this may result in damaged parts and will void the warranty.
- DO NOT place any liquids on the processor as this could cause the system to short circuit.

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1. Introduction

Searching for a way to improve your audio experience, well why not consider the DCT-7 Virtual 5.1 Surround Audio Processor. This gadget allows stereo sound to imitate 5.1CH sound while adjusting your volume level to give you a more balanced and enjoyable audio experience. With only a pair of L/R inputs and outputs to worry about users can set up this system without much hassle or the need for additional speakers. What you end up getting is theater like sound, in the convenience of your living room, making the DCT-7 Virtual 5.1 Surround Audio Processor an ideal companion for those wishing for big sound in small packages.

2. Applications

- Home Theater
- Personal Entertainment
- Cable TV

3. Package Contents

- Audio processor x 1
- 5V/1A Power adaptor x 1
- User Manual

4. System Requirements

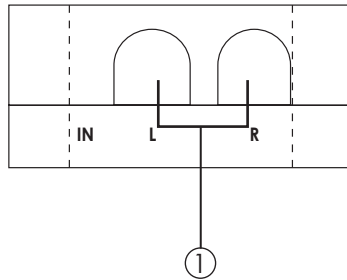
Input sources (DVD player, PS3, Wii etc.) and output displays with L/R audio cables.

5. Features

- Supports 2 channel stereo input and converts it into surround sound audio signal (5.1 channels) output through L/R jack.
- Supports AST (Adaptive Surround Technology) technology to convert 2 channel audio signal into Virtual 5.1 channel surround sound.
- Supports DVX (Virtualizer X) technology for virtual 5.1 channel surround sound audio.
- Supports DBEX (Bandwidth Extender) technology that helps low and high frequencies sound closer to the original sound.
- Supports DSC (Smart Compression) technology to correct some sound effect errors.
- Compact and easy to install.

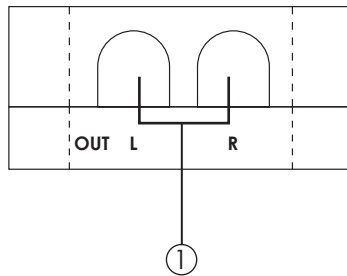
6. Operation Controls and Functions

6.1 Front Panel



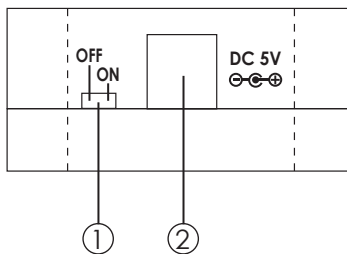
- ① L/R input: Connect the L/R audio input port to the sources (DVD/Blu-Ray,PS3) L/R audio output port

6.2 Rear Panel



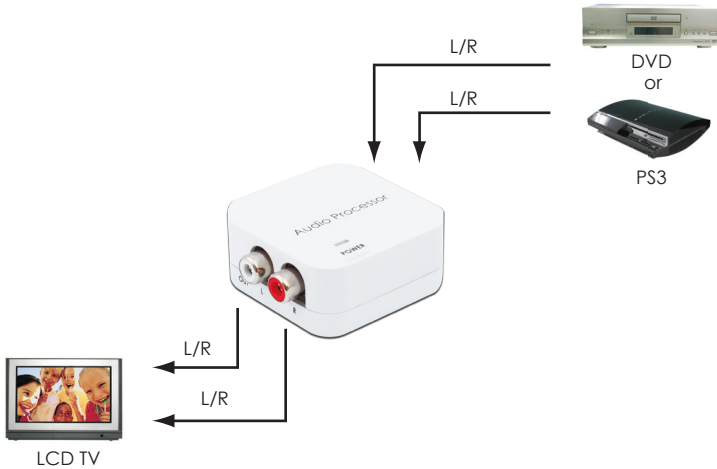
- ① L/R output: Connect the L/R audio output to the audio input of a display or TV.

6.3 Side Panel



- ① On/Off switch: Switch On/Off to enable or disable the Virtual 5.1 Surround Audio Processor.
- ② Power: Plug the 5V DC power supply into the unit and connect the adaptor to an AC outlet.

7. Connection and Installation



8. Specifications

Input Ports	L/R stereo
Input	6.8K
Output Ports	L/R surround sound
Output	1K
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	42(W) x 40.5(D) x 22(H)
Weight(g)	25
Chassis Material	Plastic
Silkscreen Color	White
Operating Temperature	0°C ~ 40°C
Power Consumption	0.5W



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