

DCT-8S SRS

TruVolume HDMI v1.3 Volume Leveler

Operation Manual



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• **Trademark Acknowledgments**

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• **Safety Precautions**

Please read all instructions before attempting to unpack or install or operate this equipment, and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through module openings or empty slots, as you may damage parts.
- Do not attach the power supply cabling to building surfaces.
- Do not allow anything to rest on the power cabling or allow it to be abused by persons walking on it.
- To protect the equipment from overheating, do not block the slots and openings in the module housing that provide ventilation.

• **Revision History**

Version No	Date	Summary of Change
V1	20091008	Preliminary Release

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1. Introduction

This most advanced HDMI to HDMI audio repeater and decoder incorporating SRS TruVolume™ technology will free you from volume fluctuations when switching TV channels. This device is HDMI v1.3 compliant and can transfer deep color video with high bandwidth up to 225MHz . It also does signal amplification with equalization for repeater function. The device will prevent annoying fluctuations from obnoxious commercials or bursting sounds from action scenes. Although it maintains a satisfactory volume level, it will not make you miss any sounds during low tone conversations or light orchestra. The HDMI SRS TruVolume processor is definitely the best choice for your sounding and viewing pleasure.

2. Applications

- Cable TV entertainment
- Movie entertainment at night
- Musical or Orchestra CD listening
- Individual Video & Audio entertainment

3. Package Contents

- SRS TruVolume™ HDMI volume Leveler
- 5V DC power adaptor
- Operation Manual

4. System Requirements

Input source equipment such as DVD, set-top-box or Blue Ray player with HDMI cable and output display such as amplifier, TV or displayer with HDMI cable.

5. Features

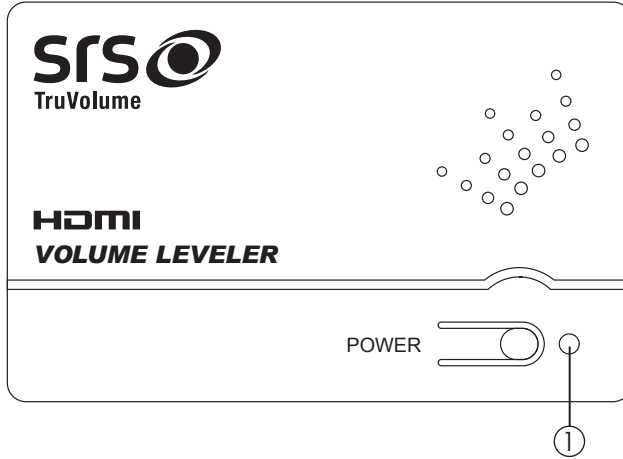
- HDMI v1.3, HDCP v1.1 and DVI v1.0 compliant
- Supports high definition input up to 1080p@(24/60)Hz, output resolution follows input
- Support HDMI signal amplification and equalization output for repeater function.
- Supports 2 channels audio from HDMI input to HDMI output ports.
- Integrated HDCP encryption for transmitting protected audio and video content
- Support CEC bypass
- Regulates TV / Satellite / Radio broadcast volume level
- Auto adjust volume to your best hearing acceptance
- Boosts low and high-frequency content dynamically, using an advanced psychoacoustic modeling engine making the entire listening experience come alive, regardless of the audio level
- HDMI cable distance test with 1080p/8 bits resolution, the input/output source can run up to 15/10 meters and 1080p/12 bits can run up to 10/15 meters
- Simple connection and easy installation, no software require

6. Specifications

Input Port	1 x HDMI
HDMI Input Audio Format	2 channels (PCM 32K/44.1K/48K only)
Output Port	1 x HDMI
HDMI Output Audio Format	2 channels
Power Supply	5V / 1A DC (US/EU standard, CE/FCC/UL certified)
Dimensions(mm)	100 (W) x 70 (D) x 20 (H)
Weight(g)	90
Chassis Material	Plastic
Silkscreen Color	White
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C~60°C / -4°F ~ 140°F
Power Consumption	6W
Relative Humidity	20~90% RH (no condensation)

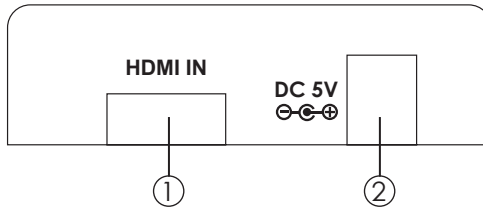
7. Operation Controls and Functions

7.1 Top Panel



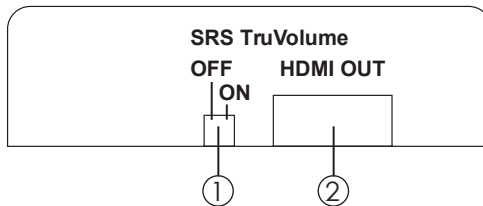
- ① POWER: Press this button to turn ON or set the device to standby mode.

7.2 Left Side Panel



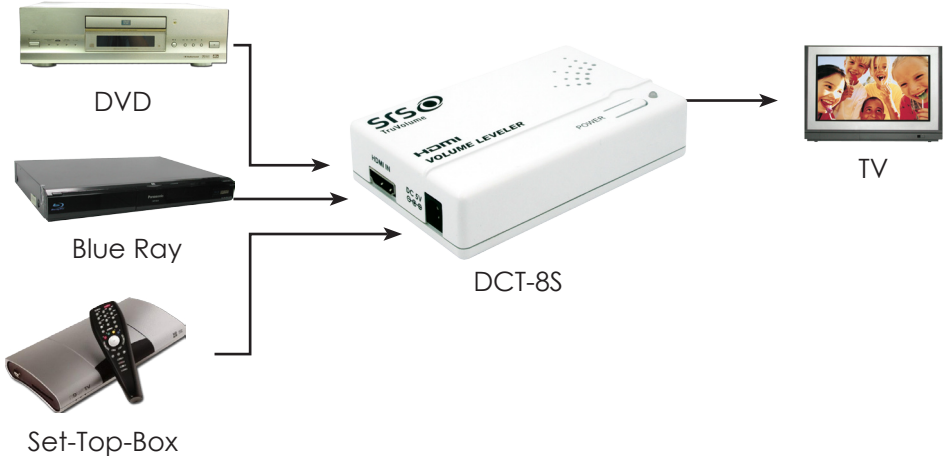
- ① HDMI In: This slot is where you plug in your source equipment such as set-top-box or DVD player with HDMI cable.
- ② DC 5V: This slot is where you plug the power adaptor and connect to the AC wall outlet.

7.3 Right Side Panel



- ① SRS TruVolume OFF/ON: This switch is to turn the SRS TruVolume function to ON or OFF. When switch to ON the SRS TruVolume will perform the volume control and when switch to OFF the SRS TruVolume will not perform and the signal will be bypass by the device.
- ② HDMI OUT: This slot is where you connect the display with HDMI cable.

8. Connection and Installation



Acronyms



Acronym

Complete Term

CEC	Consumer Electronics Control
DVI	Digital Visual Interface
HDCP	High-bandwidth Digital Content Protection
HDMI	High-Definition Multimedia Interface
SRS	Sound Retrieval System



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