HVL01

TruVolume™ HDMI Volume Leveler

Operation Manual



HVL01

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Safety Precautions

Please read all instructions carefully before installing or operating this product.

- Always follow basic safety precautions to reduce the risk of fire, electrical shocks and injuries.
- To prevent fires or shocks do not expose this product to rain, moisture or install it near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this device through any openings or empty slots, as this may damage parts.
- Do not attach the power supply to building surfaces.
- Do not allow anything to rest on the power cables or put it in a place where someone might step on it
- To protect the equipment from overheating, do not block the slots and openings in the casing that provide ventilation.

Revision History

Version No	*Date*	*Summary of Change*
V1	***20091008***	***Preliminary Release***

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1. Introduction

The HVL01 SRS Volume Leveler is an advanced HDMI™ to HDMI audio repeater and decoder that incorporates SRS TruVolume™ technology. This device, which prevents annoying fluctuations during commercials or bursting sounds from action scenes always maintains a perfect volume level. The HVL01 SRS TruVolume Leveler is the best choice for maintaining a perfect volume level.

2. Applications

- Watching movies and TV
- Entertainment systems
- Listening to your favorite music

3. Package Contents

- SRS TruVolume™ HDMI Volume Leveler
- 5V DC power adaptor
- User Manual

4. System Requirements

Input sources such as DVD/ Blu-ray players, Set-top Box with HDMI cables and output devices like amplifiers or TV's with HDMI cables.

5. Features

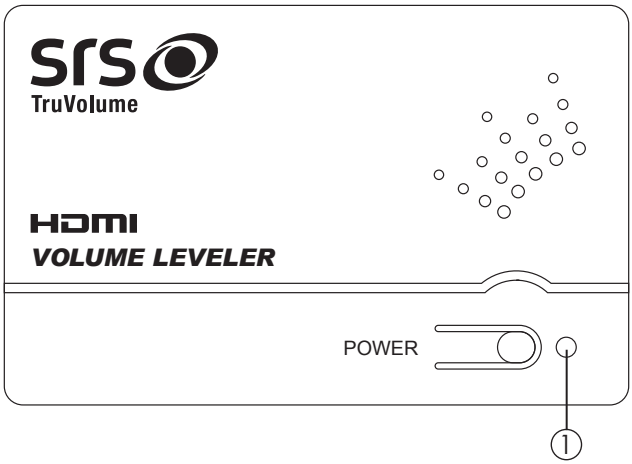
- Supports HDMI (with Deep Color Video), HDCP v1.1 and DVI v1.0
- Supports HD input/output up to 1080p(24/60)Hz.
- Has a repeater function with HDMI signal amplification and equalization.
- Supports 2 channel HDMI audio input to HDMI output.
- Integrated HDCP encryption for transmitting protected audio and video content.
- Supports CEC bypass.
- Regulates and automatically adjusts the volume level of TV/Satellite/ Radio broadcasts
- Dynamically boosts low/high frequencies, using an advanced modeling engine making the entire listening experience come alive, regardless of the audio level.
- HDMI cable distance testing showed that with 1080p/8bit resolution, the Input source can be up to 15meters away, and with 1080p/12bits it can be 10 meters away.
- HDMI cable distance testing showed that with 1080p/8bit resolution, the Output source can be up to 10 meters away, and with 1080p/12bits it can be 15 meters away.
- Easy to set up and install, no software required

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	3W
Relative Humidity	20~90% RH (non-condensing)

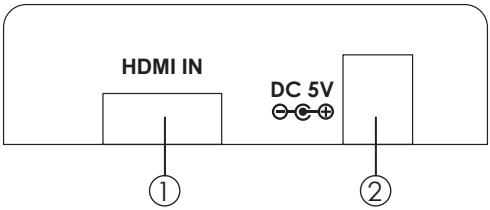
7. Operation Controls and Functions

7.1 Top Panel



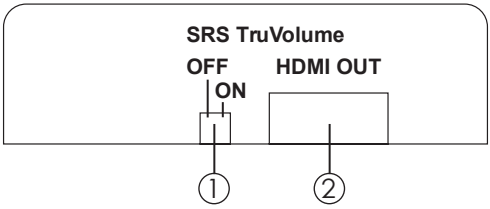
① POWER: Press this button to turn the device on. When the Volume Leveler is on, pressing it again will put it in standby mode.

7.2 Left Side Panel



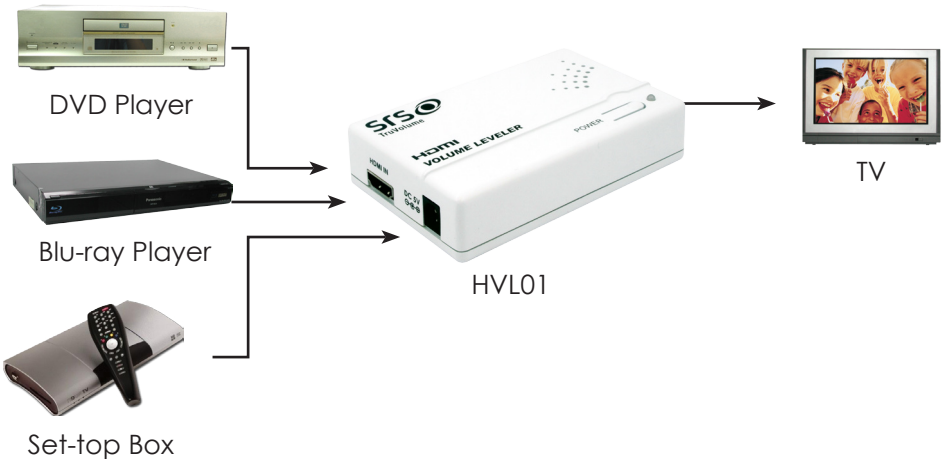
① HDMI in: This slot is where you plug in your source equipment such as a Set Top Box or DVD player with its HDMI cable.
② DC 5V: This slot is where you plug in the power adaptor and connect it to an AC outlet.

7.3 Right Side Panel



① SRS TruVolume OFF/ON: Use this switch to turn the SRS TruVolume function on or off. When switched on the SRS TruVolume will regulate your audio signal and when switched off the SRS TruVolume will not, so the signal will bypass the device.
② HDMI OUT: This slot is where you connect the device to an external display, such as a TV or monitor, with an HDMI cable.

8. Connection and Installation



Acronyms

A

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