

Gefen^{tv}

Auto Volume Stabilizer

GTV-VOLCONT

User Manual




DOLBY
VOLUME

ASKING FOR ASSISTANCE

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Notice

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INTRODUCTION

Congratulations on your purchase of the GefenTV Auto Volume Stabilizer. Your complete satisfaction is very important to us.

GefenTV

GefenTV is a unique product line catering to the growing needs for innovative home theater solutions. We specialize in total integration for your home theater, while also focusing on going above and beyond customer expectations to ensure you get the most from your hardware. We invite you to explore our distinct product line and hope you find your solutions. Don't see what you are looking for here? Please call us so we can better assist you with your particular needs.

The GefenTV Auto Volume Stabilizer

Annoyed by loud commercials? Enjoy listening to the same volume levels when watching any TV program or during commercials, no matter what is on. The GefenTV Auto Volume Stabilizer product is a high-quality volume stabilizer. It actually makes the volume adjustments in such a subtle way that you won't even notice the change.

An additional feature includes a bypass button that allows the pass-through of unmodified incoming audio. Using Dolby Volume technology, the unit senses changes in volume levels, and then maintains a steady volume level for any input sound coming from DVD, Blu-ray Disc or multimedia source. Listen to movies and TV shows easily without the inconvenience of continuously fiddling with the volume levels.

How It Works

Place the GefenTV Auto Volume Stabilizer somewhere close to where you want to connect it. Connect the audio source into the back of the unit (either digital audio or analog). Connect the audio output of the unit to an A/V receiver.

Connect the included 5V DC external power supply to the back of the unit. The LED in the front will light up red showing that the unit is in "standby mode." Next push the "Bypass" button or press the "Power" button on the supplied I/R remote control, and the LED next to the "Bypass" button will go out while one of the three audio input LEDs will also light up bright blue. This corresponds to the chosen audio input at the back. Press the audio selector button at the back of the unit to select the audio input type.

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE GEFENTV AUTO VOLUME STABILIZER

- GefenTV Auto Volume Stabilizer will use Dolby Volume technology to adjust volume automatically. It is best used for TV programming where the level of sound rises and falls to an unacceptable level.
- The device can be bypassed in situations where a wide dynamic range is appropriate (such as movies and classical symphony concerts.)
- The Stabilizer is best installed next to the TV or audio receiver where the signal emanates. Then, the remote can be used to control it from the comfort of an armchair.
- This unit will only accept and output 2-channel analog and digital audio formats. Discrete multi-channel audio formats are not supported.

FEATURES

Features

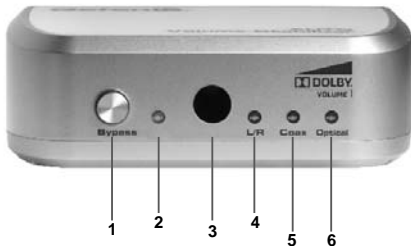
- Dolby Volume certified
- Prevents fluctuations in audio volume using Dolby Volume technology
- Accepts and outputs 2-channel analog audio
- Accepts and outputs 2- channel TOSLINK and S/PDIF digital audio
- Boosts low and high-frequency content dynamically
- Volume Leveler: Enables consistent volume levels at all times between TV channels and between program materials
- Volume Modeler: Delivers the perception of a full-range audio experience at any volume level
- Bypass Mode permits audio to pass through unchanged

Package Includes

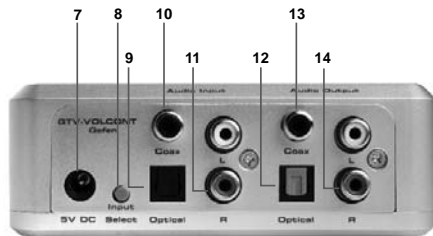
- (1) Auto Volume Stabilizer
- (1) Analog Audio L/R Cable
- (1) 5V DC Power Supply
- (1) IR Remote
- (1) User's Manual

PANEL LAYOUT

Front Panel



Back Panel



PANEL DESCRIPTIONS

- 1 Bypass Button**
Used to place the unit in Bypass Mode, allowing the signal to pass through unmodified.
- 2 Bypass LED**
Indicated the current state of the unit. See Page 6 for details.
- 3 I/R Port**
Used to communicate with the included I/R remote
- 4 L/R LED**
The LED will turn blue to indicate the audio source is set to L/R analog
- 5 Coax (S/PDIF) LED**
Turns blue to indicate that the audio input is set to Coax
- 6 Optical (TOSLINK) LED**
Turns blue to indicate that the audio input is set to Optical
- 7 5V DC Power Receptacle**
Connect the included 5V DC power supply to this port
- 8 Input Select Button**
Used to select between L/R audio, Coax, and Optical inputs
- 9 Optical (TOSLINK) Input**
Connect an Optical cable from this port to the Optical output port on the A/V equipment
- 10 Coax (S/PDIF) Input**
Connect a Coax cable from this port to a Coax input port on the A/V equipment
- 11 Analog L/R (RCA) Input**
Connect an RCA L/R stereo pair from these ports to the RCA L/R output pair on the source device
- 12 Optical (TOSLINK) Output**
Connect an optical cable from this port to the Optical input port on the A/V equipment
- 13 Coax (S/PDIF) Output**
Connect a Coax cable from this port to a Coax input port on the A/V equipment
- 14 Analog L/R (RCA) Output**
Connect a L/R RCA stereo pair from this output to a L/R RCA stereo input pair on the A/V equipment

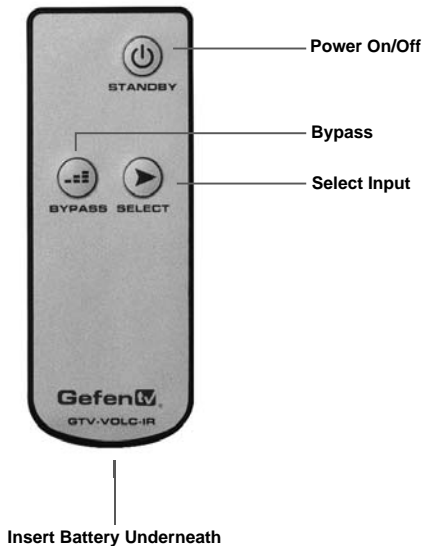
CONNECTING AND OPERATING THE AUTO VOLUME STABILIZER

How to Connect the GefenTV Auto Volume Stabilizer

1. Connect the desired audio sources to the Audio Input section of the GefenTV Auto Volume Stabilizer using the appropriate audio cables (e.g. Optical, Coax, or L/R analog audio).
2. Connect another set of audio cables (e.g. Optical, Coax, or L/R analog audio) from the Audio Output section of the GefenTV Auto Volume Stabilizer to the A/V equipment (e.g. display)
3. Connect the included 5V DC power adapter to the power receptacle on the rear of GefenTV Auto Volume Stabilizer. The LED next to the BYPASS button will turn red. This indicates that the unit is in Standby Mode.
4. To turn the unit ON, press the BYPASS button. The LED next to the BYPASS button should now turn off. The LED input indicator will now turn blue, indicating that the unit has been turned on. This can also be accomplished by using STANDBY button on the IR remote.
5. Select the desired input source (e.g. Optical, Coax, or L/R) by pressing the INPUT SELECT button on the back of the unit. The SELECT button on the I/R remote may also be used to select the input.
6. When the LED next to the BYPASS button is red, the unit is in Bypass Mode. This means that Dolby Volume™ processing is disabled. This is recommended for movies or listening to music where there is a wide dynamic range. The BYPASS button is used to toggle between Bypass Mode (LED on) and Dolby Volume™ processing mode (LED off). The BYPASS button on the I/R remote can also be used to toggle between these two modes.
7. In order to place the GefenTV Auto Volume Stabilizer in Standby Mode, press and hold the BYPASS button on the front panel. Pressing the STANDBY button on the I/R remote can also be used to set the unit into Standby Mode. The BYPASS button LED will be red when the unit is in Standby Mode.

NOTE: All outputs are live regardless of the selected input.

AUTO VOLUME STABILIZER REMOTE DESCRIPTION



SPECIFICATIONS

Input (analog)	1x RCA-type connector
Input (digital).....	1x SPDIF RCA-type connector
Input (digital).....	1x TOSLINK optical connector
Output.....	1x RCA-type connector
Output.....	1x SPDIF RCA-type connector
Output.....	1x TOSLINK optical connector
Power supply5V DC
Power Consumption (max).....	.5W
Accepts.....	LPCM (2-Channel) or L/R Analog
SNR.....	>90dB
Frequency Response Deviation	< +/-0.5dB
Distortion	< 0.001% at 0dBFS or 2vRMS Analog In
Audio In Clipping Level.....	2.2VRMS
Input Impedance.....	47k
Max Output Level	1.51.7VRMS
Output Impedance.....	< 500ohm
Operating Temp	0°C ~ 40°C
Certifications.....	UL, CE, EMC, RoHS