

# Gefen GTV-VOLCONT-DA GefenTV 2.1 Audio Amplifier w/ Volume Stabilizer

## Switch between Analog and Digital Audio Inputs with Dolby AC3 Decoding (mix-down from 5.1 to 2.1) and Dolby Volume Technology for Auto Volume Stabilization plus 25 Watts per Channel Amplification

The GefenTV 2.1 Audio Amplifier w/ Dolby® Volume Stabilizer is well suited for use in small home entertainment systems or as an add-on audio processor to any computer audio output. It offers three audio inputs (TOSLINK, S/PDIF, Analog L/R) for multiple audio sources. The product also incorporates a Dolby AC3 decoder to downmix 5.1 to 2.1 channels of audio. Dolby Volume technology automatically outputs consistent audio levels regardless of the program type (commercials, movies, or TV shows). The GefenTV 2.1 Audio Amplifier w/ Volume Stabilizer provides amplification of up to 25 Watts per channel (Left and Right) fed through the unit's speaker output binding posts plus line-level output for a powered subwoofer. This product switches to standby mode when not in use and is Energy Star™ compliant. An RS-232 port is provided for home automation control. For easy access and control, use the front panel control buttons with an illuminated LCD display, or the included IR remote control from across the room.

### How It Works

Connect the audio input source(s) to the GefenTV 2.1 Audio Amplifier w/ Dolby Volume Stabilizer. Connect the speakers using speaker wires (not included) to the Speaker Output binding posts. Connect a user-supplied RS-232 cable from the RS-232 port to your home automation control device (optional). Plug in the included power supply to the 24V DC power jack on the rear panel of the unit and to a power outlet. Use the front panel buttons or the included IR remote to control the front panel display menu functions, Mute, Input Select, Bypass, and Standby mode.

### Features:

- Dolby® Volume and Dolby® Digital certified
- Adjustable Dolby Volume Level
- Prevents fluctuations in audio volume using Dolby Volume technology
- Accepts 2-channel analog audio and outputs 2.1 channel audio
- Accepts TOSLINK (optical) and S/PDIF (RCA coax) digital audio inputs
- Accepts Dolby Digital 5.1 and converts it to 2.1 channel analog audio
- Dynamically boosts low and high-frequency content
- 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
- Audio amplifier (2 channels, 25 W per channel)
- Line-level analog L/R outputs plus subwoofer output
- RS-232 port for home automation control
- IR remote control and front panel controls

### Specifications:

- Speaker Output: 25 W per channel RMS
- SNR: > 90 dB
- THD: < 0.01% @ 1 kHz at 2 V RMS
- Frequency Response: 20 Hz - 20 kHz (± 0.5 dB)
- Analog Audio Input: (1) L/R, (2) RCAjacks
- Digital Audio Inputs: (1) TOSLink, (1) S/PDIF
- Analog Audio Output: (1) L/R + LFE, (3) RCA jacks
- Speaker Connectors: L/R Binding Posts
- RS-232 Serial Port: DB-9, female
- Front panel buttons: Up, Down, Left, Right, Enter, Menu, Mute, Input, Bypass, Standby
- Power Supply: 24 V DC
- Power Consumption: 20 W (max.)
- Operating Temperature: 0 - 40 °C
- Dimensions: 9" W x 2.4" H x 6.75" D
- Shipping Weight: 7.0 lbs. (preliminary)

### Package Includes:

- (1) GefenTV 2.1 Audio Amplifier w/ Dolby Volume Stabilizer
- (1) Analog Audio L/R RCA cable
- (1) IR Remote Control Unit
- (1) 24 V DC Power Supply
- (1) User Manual