



A/V Switcher for HDMI with Separate Audio Delivered as 5.1 Surround Sound Outputs w/ Dolby



GTV-AUDDEC-N

Extracts Audio from Hi-Def Sources using HDMI, Delivering Dolby Digital 5.1 Surround Sound

The GefenTV 4x1 HD Switcher w/ Audio Decoding is a must-have preamp for anyone wanting to create surround-sound audio using multiple audio/video inputs. It decodes multi-channel surround-sound formatted digital audio from up to four Hi-Def sources, or by using an S/PDIF digital audio source, rather than HDMI audio, if this is preferred. Audio is output simultaneously on digital audio ports (S/PDIF and TOSLINK) and six discrete analog RCA jacks, ready for any amplified sound system.

Dolby Digital 5.1, Dolby Pro Logic II, LPCM direct stereo and multi-channel surround-sound audio formats are supported with up to six discrete channels. The front left and front right channels feature bi-amplification to satisfy the most discerning listeners. Advanced audio pre-processing insures an optimal surround sound signal, and a bright LCD display guides operations.

How It Works

Users can select audio from any one of four connected Hi-Def sources, both digital audio inputs and 2-channel analog audio. A Blu-ray player, gaming console, set-top box, DVD player, CD player and more can all be connected at the same time. If an HDMI source is selected, video is delivered in Hi-Def format to any HDTV display, and audio is delivered as 5.1 channel audio using standard RCA connectors. The HDMI output supports pass-through 3DTV making it ideal for future-proofing systems. Users can also pass-through audio using the digital and/or analog audio inputs, delivering it as 5.1 channel audio, enabling high quality surround-sound. Users control all audio features using the IR remote or by front-panel buttons. An RS-232 port and 12V triggers allow interaction with any home automation system for added convenience. When not in use, the GefenTV 4x1 HD Switcher w/ Audio Decoding will move into standby mode, eliminating excessive power consumption.

Features:

- Dolby Digital and Dolby Pro Logic II certified
- Extracts encoded digital audio from HDMI or S/PDIF sources
- Outputs digital audio on S/PDIF and TOSLINK connectors for connection to external amplification equipment
- Switch up to four HDMI input sources to a Hi-Def display with HDCP pass-through
- Supported HDMI 1.3 features: 1080p Full HD, Deep Color, Lip-Sync, Dolby TrueHD, DTS-HD MA, and 3DTV pass-through
- Elegant design with heat dissipation and quiet operation
- RS-232 serial port for control automation
- 12V trigger input for power amplifiers (turns unit on when 12V is received)
- 12V trigger at 50mA output (output is 12V when unit is on, 0V when unit is off)
- IR remote control and front panel control support
- Saves configurable user settings per input
- Standby Mode
- Line level volume control

Specifications:

- Maximum Pixel Clock: 225 MHz
- Maximum Resolutions: 1080p, 1920 x 1200
- Input: (4) HDMI 19-pin (Female)
- Input: (1) S/PDIF coax digital audio
- Input: (1) TOSLINK optical digital audio
- Input: (2) Analog audio 2-channel RCA connectors
- Input: (1) DB-9 (Female)
- Input: (1) 12V sense lines (Phoenix Type)
- Output: (1) HDMI 19-pin (Female)
- Output: (1) 12V sense lines (Phoenix Type)
- Output: (6) Analog audio 2-channel RCA connectors (2 Surround + 1 Subwoofer + 1 Center + 2 Front Bi-Amp)
- Output: (1) 3.5mm for EXT IR
- Supported Audio Formats: Dolby Digital 5.1, Dolby Pro Logic II, LPCM direct (up to 6 channels)
- Certifications: Dolby Pro Logic II, Dolby Digital, HDCP, UL, CE, EMC, RoHS, Energy Star
- Power Supply: 24V DC
- Dimensions: 6.9" W x 2.1" H x 6.9" D
- Unit Weight: 3.3 lbs.

Gefen LLC.

20600 Nordhoff Street, Chatsworth CA 91311

Tel. (818) 772-9100 (800) 545-6900 Fax (818) 772-9120

www.gefen.com

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