MuxLab

Technical Spec sheet



Digital Audio Converter, Dolby & DTS

500088-V2

Audio

Overview

The Digital Audio Converter, Dolby & DTS (500088-V2) converts one LPCM-encoded, one DTS Digital Surround or one Dolby Digital coaxial (S/PDIF) or optical (TOSLINK) digital audio signal to a standard left/right analog audio output, thereby allowing a digital audio source such as a DVD or CD player without RCA analog audio output to be connected to an audio-video receiver or TV.

Applications

- Commercial and residential audio systems
- Classroom Projector Systems
- Collaborative PC Systems
- Digital Signage
- Educational Institutions
- Boardroom Systems

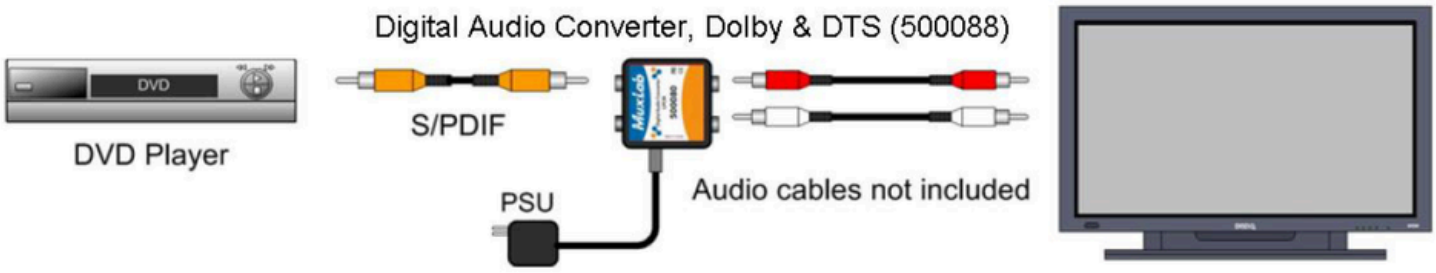
Key Features

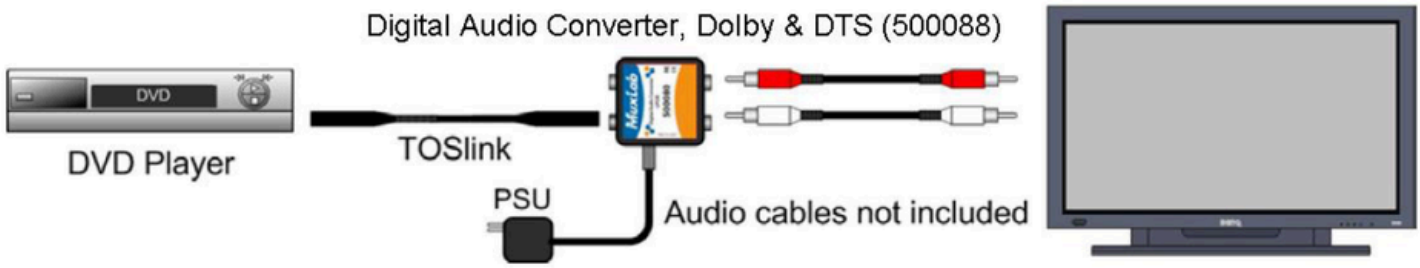
- Down-mixes DTS surround, Dolby® Digital audio to left/right analog audio
- Switch selects between TOSLINK and Coax S/PDIF inputs
- Supports Dolby Digital 5.1 channels, DTS-ES6.1 channels audio decode

Specification

Technical	
Environment	Digital Audio, Dolby Digital, DTS Digital Surround or LPCM
Device	DVD, CD Players, Television, Laptops
Transmission	Transparent to the user
Signals	Dolby Digital 5.1, DTS-ES 6.1 and 2 channel LPCM
Signal to noise ratio	103dB (20Hz - 20KHz)
Degree of separation	95dB
Frequency Response	20Hz to 20KHz +/- 0.5dB
Sample Rate	32KHz, 44.1KHz, 48KHz, 88.2KHz, 96KHz, 176.4KHz and 192KHz
Bit Depth	24 bit S/PDIF compressed and uncompressed bit stream
Connection	
Connectors	Input: 1 × Coaxial Connector [RCA connector] 1 × Optical Connector [Toslink connector] Output: 2 × RCA Analog Output [RCA Connector] 1 × 3.5mm Audio Output [3.5mm stereo mini jack] Control: 1 × Selector Switch [2-pos toggle switch]
Mechanical	
Housing	Plastic Enclosure
Color	Black
Dimensions	72mm [W] × 55mm [D] × 20mm [H]
Weight	40g
Power Supply	Input: 100~240VAC 50/60Hz Output: 5VDC/1A
Power Consumption	2.4W (Max)
Operating Temperature	0°C ~ 40°C /32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)
Generic Specification	
Warranty	2 years
Order Information	500088-V2 Digital Audio Converter, Dolby & DTS (UPC: 627699010884)

Application Example





2321 Cohen | St-Laurent , H4R 2N7 | Québec, Canada Tel: 514-905-0588 | Fax: 514-905-0589 | Toll free: 1-877-689-5228 info@muxlab.com | salesteam@muxlab.com | www.muxlab.com