

# Digital Audio Converter, Dolby ® Digital 500081

#### Overview

The Digital Audio Converter, Dolby® Digital (500081) converts one Dolby Digital encoded 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**

Adapting Dolby ® Digital surround sound digital audio to legacy analog audio systems Commercial and residential AV systems classroom video systems, boardroom systems.



#### **Key Features**

Converts Dolby ® Digital audio to left/right analog audio
Switch selects between TOSLink and S/PDIF inputs
TOSlink cable included
May be used with MuxLab mounting accessories

0	
Specifications	
Environment	Digital Audio, Dolby Digital Digital Audio
Devices	DVD, CD Players, TV, PC, laptops.
Transmission	Transparent to the user
Signals	Dolby Digital and 2 channel LPCM (Linear Pulse Code Modulation)
Connectors	One (1) Coaxial connector
	One (1) TOSLink Connector.
	Two (2) RCA Connectors.
	Note: TOSlink cable included. RCA audio cables not included.
Switch	Selects between SPDIF and TOSlink
Distortion	<0.001% @ 1KHz
SNR	> 90 dB (20Hz – 20 KHz)
Sample Rate	32, 44.1, 48 and 96 KHz
Bit Depth	24 bit S/PDIF bitstream on right and left channels
Power Supply	One (1) 110-240V/5VDC power supplies with interchangeable blades
Power Consumption	0.75 Watt
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C
	Humidity: Up to 95% non-condensing
Enclosure	ABS fire retardant plastic
Dimensions	2.4" x 2.25" x 1.0" (6.1 x 5.5 x 2.5 cm)
Weight	1.0 lb (0.45 kg)
Mounting	Velcro pads included.
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500081 Digital Audio Converter, Dolby ® Digital

#### Trademark acknowledgments

All products or services names mentioned in this document may be trademarks of the companies with which they are associated. Design approved by Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.



© MuxLab Inc. 2012-2013

Digital Audio Converter, Dolby Digital

## MuxLab Inc.

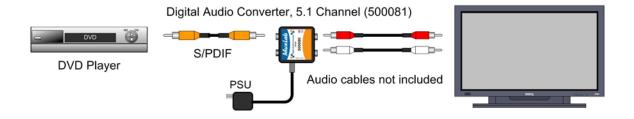
8495 Dalton Road, Mount Royal, Quebec, Canada, H4T 1V5 Tel: (514) 905 0588 Fax: (514) 905 0589

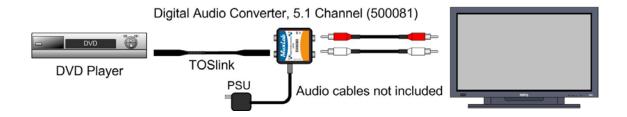
Toll Free:1 877 689-5228 E-mail: videoease@muxlab.com

URL:www.muxlab.com

# Digital Audio Converter, Dolby ® Digital 500081

## **Typical Application**







Rear panel

© MuxLab Inc. 2012-2013

Digital Audio Converter, Dolby Digital

# MuxLab Inc.

8495 Dalton Road, Mount Royal, Quebec, Canada, H4T 1V5 Tel: (514) 905 0588 Fax: (514) 905 0589

Toll Free:1 877 689-5228 E-mail: videoease@muxlab.com

URL:www.muxlab.com