

DVDO



DVDO-DACConv-2

Digital to Analog Audio Converter

User Manual

Version 1.0

Preface

Read this user manual carefully before using the product. Pictures shown in this manual are for reference only. Different models and specifications are subject to real product.

This manual is only for operation instruction, please contact the local distributor for maintenance assistance. In the constant effort to improve the product, we reserve the right to make functions or parameters changes without notice or obligation. Please refer to the dealers for the latest details.

FCC Statement

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. It has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation.

Operation of this equipment in a residential area is likely to cause interference, in which case the user at their own expense will be required to take whatever measures may be necessary to correct the interference.

Any changes or modifications not expressly approved by the manufacture would void the user's authority to operate the equipment.



Table of Contents

1. Product Introduction	1
1.1 Features.....	1
1.2 Package List	1
2. Specifications.....	2
3. Panel Description.....	3
3.1 Front Panel	3
3.2 Rear Panel.....	4
3.3 Left Panel.....	4
4. Panel Drawing.....	5
5. System Diagram	5
6. Customer Service.....	Error! Bookmark not defined.

1. Product Introduction

Thanks for choosing the DVDO-DAConv-2 digital to analog audio converter, which is designed to convert Coaxial or TOSLINK digital audio input to analog L/R and 3.5mm audio output. Simultaneously, the converter provides coaxial output for TOSLINK digital audio extension.

1.1 Features

- Supports up to 24-bit/192 kHz input.
- Coaxial output for TOSLINK digital audio extension.
- Supports splitting a TOSLINK audio source into three audio outputs.
- Converts coaxial or TOSLINK digital audio input to analog L/R and 3.5mm audio output.
- Powered by USB-C.

1.2 Package List

1x DVDO-DAConv-2

1x Power Cable (USB-A to USB-C)

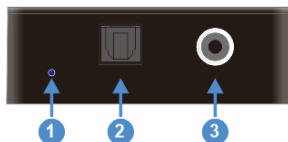
1x User Manual

2. Specifications

Input	
Type	TOSLINK or Coaxial
Format	LPCM 2.0, Dolby Digital 2.0/5.1, Dolby TrueHD 5.1/7.1, Dolby Atmos 5.1.2, DTS 2.0/5.1, DTS-HD 5.1/7.1, DTS-HD Master Audio 5.1/7.1
Sample Rate	32/44.1/48/96/192kHz, up to 24-bit
Analog Output	
Type	1x 3.5mm audio jack, 2x RCA
Format	PCM 2.0
Frequency Respond	20Hz - 20KHz, $\pm 3\text{dB}$
THD+N	$<0.05\% @ 1\text{kHz}$
SNR	$>80\text{dB}$
Crosstalk	$< -80\text{dB} @ 10\text{kHz}$
Digital Output	
Type	Coaxial
Format	LPCM 2.0, Dolby Digital 2.0/5.1, DTS 2.0/5.1, DTS-ES Matrix 6.1
Frequency Respond	20Hz - 20KHz, $\pm 3\text{dB}$
General	
Power Supply	DC 5V 1A
Power Consumption	0.57W (Max)
Operation Temperature	$-5^{\circ}\text{C} \sim +55^{\circ}\text{C}$
Relative Humidity	10% ~ 90%
Dimension (W*L*H)	66 x 66 x 22.5mm
Net Weight	50g

3. Panel Description

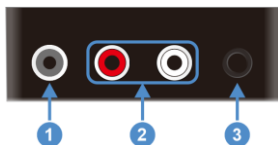
3.1 Front Panel



No.	Name	Description
1	POWER INDICATOR	1x blue LED, power input indicator. ● Blue on: device on. ● Blue off: device off.
2	TOSLINK IN	1x TOSLINK, for TOSLINK digital audio input. When only a TOSLINK input is used, COAX OUT, R-OUT-L, and STEREO OUT can simultaneously output audio.
3	COAX IN	1x Coaxial, for Coaxial digital audio input. When only a Coaxial input is used, only R-OUT-L and STEREO OUT can simultaneously output audio.

Note: The analog audio outputs are disabled when both TOSLINK and Coaxial inputs are connected and with audio signals simultaneously.

3.2 Rear Panel



No.	Name	Description
1	COAX OUT	1x Coaxial, output for TOSLINK digital audio extension.
2	R-OUT-L	2x RCA, red for right channel and white for left channel. Converts digital audio to analog audio output.
3	STEREO OUT	1x 3.5mm audio jack, converts digital audio to analog audio output.

3.3 Left Panel

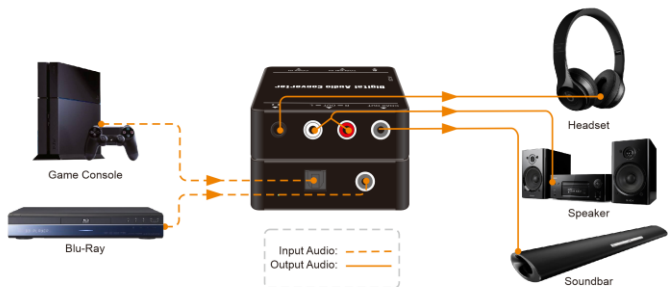


No.	Name	Description
1	DC 5V	1x USB-C, DC 5V 1A, for power input.

4. Panel Drawing



5. System Diagram



DVDO

Follow us

