

User Manual



MP-DAVC

Digital Audio Converter

w/ Volume Control



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Version: MP-DAVC_2026V1.0

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. The functions described in this version were updated till March, 2026. 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.



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1. Product Introduction

Thanks for choosing the MP-DAVC Digital Audio Converter, which is designed to convert Coaxial or TOSLINK digital input audio to analog L/R and 3.5mm output audio. Simultaneously, this converter supports input audio from USB device and can mix the USB audio with TOSLINK or COAX audio to output.

1.1 Features

- Supports up to 24-bit/192 kHz input.
- Converts coaxial or TOSLINK digital input audio to analog L/R and 3.5mm output audio.
- Supports adjust the output volume.
- Supports input audio from USB device.
- Mix the USB audio with TOSLINK or COAX audio to output.
- Powered by USB-C.

1.2 Package List

1x MP-DAVC

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

1x User Manual

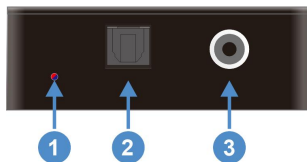
Note: Please contact your distributor immediately if any damage or defect in the components is found.

2. Specification

Input	
Type	TOSLINK/ Coaxial/ USB-C
Support Format	TOSLINK/ Coaxial: LPCM 2.0 USB-C: UAC 1.0
Sample Rate	32/44.1/48/96/192kHz, up to 24-bit
Output	
Type	1x 3.5mm audio jack, 2x RCA
Support Format	LPCM 2.0
Sample Rate	48kHz
Frequency Respond	20Hz - 20KHz, ± 1 dB
THD+N	<0.05%@1kHz
SNR	>90dB (1kHz sine A weighting)
Crosstalk	< -80dB
General	
Power Supply	DC 5V 1A
Power Consumption	0.46W
Operation Temperature	-5°C ~ +55°C
Relative Humidity	10% ~ 90%
Dimension (W*L*H)	66 x 66 x 22.5mm
Net Weight	55g

3. Panel Description

3.1 Front Panel

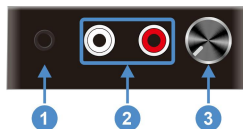


No.	Name	Description
1	POWER INDICATOR	1x blue/ red LED, power input indicator. ● Red on: USB-C powered, no USB audio input. ● Blue flash: USB-C device is connected. ● LED off: no USB-C powered.
2	TOSLINK IN	1x TOSLINK, for TOSLINK digital audio input.
3	COAX IN	1x Coaxial, for Coaxial digital audio input.

Note:

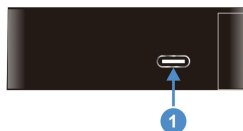
1. When both TOSLINK and COAX inputs are present, COAX takes priority.
2. When only a USB audio device input is present, then only USB audio is output.
3. When both a USB audio device input and a TOSLINK/COAX input are present, the USB audio mix with the TOSLINK/COAX audio to output.

3.2 Rear Panel



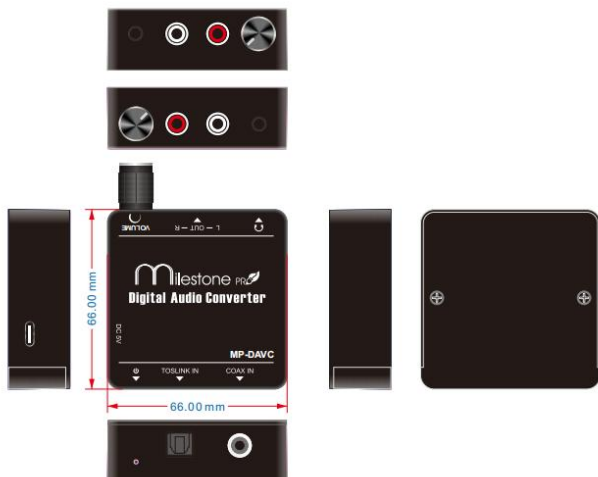
No.	Name	Description
1	STEREO OUT	1x 3.5mm audio jack, converts digital audio to analog audio output.
2	L-OUT-R	2x RCA, red for right channel and white for left channel. Converts digital audio to analog audio output.
3	VOLUME	1x black limited knob, adjust the output volume, -60dB ~ 0dB. Rotate counterclockwise to decrease the volume, turning it fully counterclockwise will mute the audio. Rotate clockwise to increase the volume.

3.3 Left Panel

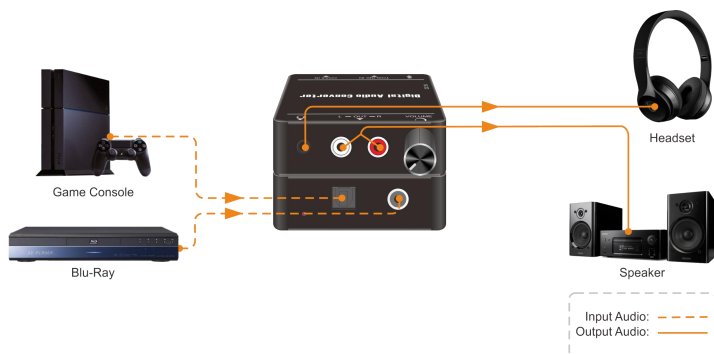


No.	Name	Description
1	DC 5V	1x USB-C - Power input, DC 5V 1A. - USB audio input. - FW upgrade.

4. Panel Drawing



5. System Diagram



6. Customer Service

The return of a product to our Customer Service implies the full agreement of the terms and conditions hereinafter. These terms and conditions may be changed without prior notice.

1) **Warranty**

The limited warranty period of the product is fixed three years.

2) **Scope**

These terms and conditions of Customer Service apply to the customer service provided for the products or any other items sold by authorized distributor only.

3) **Warranty Exclusions:**

- Factory applied serial number has been altered or removed from the product.
- Damage, deterioration or malfunction caused by:
 - Normal wear and tear.
 - Use of supplies or parts not meeting our specifications.
 - No certificate or invoice as the proof of warranty.
 - The product model showed on the warranty card does not match with the model of the product for repairing or had been altered.
 - Damage caused by force majeure.
 - Servicing not authorized by distributor.
 - Any other causes which do not relate to a product defect.

4) **Documentation:**

Customer Service will accept defective product(s) in the scope of warranty coverage at the sole condition that the defect has been clearly defined, and upon reception of the documents or copy of invoice, indicating the date of purchase, the type of product, the serial number, and the name of distributor.

Note: For further assistance or solutions, please contact your local distributor.