

LINK



DAC.2

S/PDIF Digital to Stereo Analog Audio Converter

User

Version: V1.0.0



Important Safety Instructions



1. Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



6. Clean this apparatus only with dry cloth.



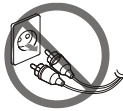
2. Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.



7. Unplug this apparatus during lightning storms or when unused for long periods of time.



3. To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.



8. Protect the power cord from being walked on or pinched particularly at plugs.



4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Only use attachments / accessories specified by the manufacturer.



5. Do not place sources of naked flames, such as lighted candles, on the unit.



10. Refer all servicing to qualified service personnel.

Warnings of FCC

This equipment 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 residential installation. 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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Introduction

Overview

The LINK DAC.2 is a high-performance S/PDIF digital to stereo analog audio format converter. The unit converts S/PDIF Coaxial or TOSLINK digital audio signal to stereo R/L RCA and headphone analog audio signals.

Features

- **Digital to Analog:** Converts Coaxial or TOSLINK digital audio signal (PCM) to stereo analog audio signal
- **Multi-input:** S/PDIF TOSLINK and Coaxial inputs.
- **Multi-output:** R/L RCA and headphone analog audio outputs.
- **High Sampling Rate:** 32KHz/ 44.1KHz/ 48KHz/ 96KHz.
- **High Resolution:** 24-bit S/PDIF incoming bit stream.
- **Easy to Use:** Easy to install, plug and play.

Package Contents

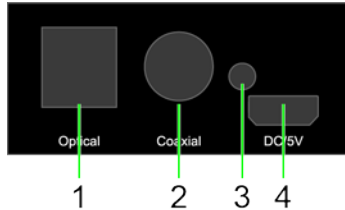
- 1 x DAC.2
- 1 x Power Adapter with US plug (DC 5V 0.3A)
- 1 x User Manual

Specifications

| Audio | |
|---|--|
| Input | 1 x digital audio (S/PDIF TOSLINK) 1 x digital audio (S/PDIF Coaxial) |
| Output | 1 x analog R/L (RCA connector) 1 x analog headphone (3.5mm mini jack) |
| Supported Sampling Rates | 32KHz/ 44.1KHz/ 48KHz/ 96KHz |
| Resolution | Up to 24bit |
| General | |
| Operating Temperature | 0 to + 45°C (32 to + 113 °F) |
| Storage Temperature | -20 to +70°C (-4 to + 158 °F) |
| Humidity | 10% to 90%, non-condensing |
| Power Supply | Input: AC 100-240V – 50/60Hz Output: DC 5V 0.3A |
| Power Consumption (Maximum) | ≤0.5W |
| Device Dimension (L x W x H) | 62mm x 45mm x 20mm (2.44" x 1.77" x 0.79") |
| Net Weight | 60g (0.13lbs) |

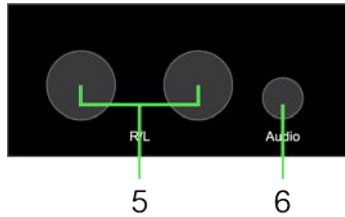
Panel Description

Front Panel



| No. | Name | Description |
|-----|------------|--|
| 1 | OPTICAL IN | Optical fiber digital stereo input, connects to an audio source. |
| 2 | COAXIAL IN | Coaxial digital stereo input, connects to an audio source. |
| 3 | POWER LED | ON:EZ-ACD2AL is powered on. OFF:EZ-ACD2AL is powered off. |
| 4 | POWER PORT | Connects to a DC5V power supply. |

Rear Panel



| No. | Name | Description |
|-----|----------------|--|
| 5 | LR/L OUT PORT | Analog stereo output, connects to speakers. |
| 6 | AUDIO OUT PORT | Analog stereo output, connects to an earphone. |

Installation and Wiring

Installation

Note: Before installation, please ensure the device is disconnected from the power source.

Wiring

Warnings:

- Before wiring, disconnect the power from all devices.
- During wiring, connect and disconnect the cables gently.

Steps for device wiring:

1. Connect an Audio source device to the TOSLINK IN port via Optical fiber cable.
2. Connect an Audio source device to the COAX IN port via a digital audio cable.
3. Connect a speaker to the L/R OUT PORT for analog stereo audio output.
4. Connect an earphone to the L/R OUT PORT for analog stereo audio output.
5. Connect the power adapter to DC5V POWER PORT.



Troubleshooting

Troubleshooting

- 1 **Power:** Check that all cables are qualified and connected properly.
- 2 **Indicator:** Ensure all LED indicators of the Converter are normal according to user manual.
- 3 **Devices:** Check that the Audio source works properly.
- 4 **Cable:** Ensure the specific cable length is within the available transmission range according to section Specification.
- 5 **Compatibility:** Please test other devices to determine if it is a compatibility issue.

Warranty Terms and Conditions

For the following cases LINK Brand shall charge for the service(s) claimed for the products if the product is still remediable and the warranty card becomes unenforceable or inapplicable.

1. The original serial number (specified by LINK Brand) labeled on the product has been removed, erased, replaced, defaced or is illegible.
2. The warranty has expired.
3. The defects are caused by the fact that the product is repaired, dismantled or altered by anyone that is not from a LINK Brand authorized service partner. The defects are caused by the fact that the product is used or handled improperly, roughly or not as instructed in the applicable User Guide.
4. The defects are caused by any force majeure including but not limited to accidents, fire, earthquake, lightning, tsunami and war.
5. The service, configuration and gifts promised by salesman only but not covered by normal contract.
6. LINK Brand preserves the right for interpretation of these cases above and to make changes to them at any time without notice.

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