Gefen tv ®

Digital Audio to Analog Adapter

GTV-DIGAUD-2-AAUD
User Manual

gefentv.com

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Notice
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Congratulations on your purchase of the GefenTV Digital Audio to Analog Adapter. Your complete satisfaction is very important to us.

GefenTV

GefenTV is a unique product line catering to the growing needs for innovative home theater solutions. We specialize in total integration for your home theater, while also focusing on going above and beyond customer expectations to ensure you get the most from your hardware. We invite you to explore our distinct product line and hope you find your solutions.

The GefenTV Digital Audio to Analog Adapter

The Digital To Analog Audio converter box takes your coaxial/optical (S/PDIF or TOSLink) digital audio source and converts it to standard analog left/right audio, available for connection to an external device such as an amplifier or recording deck via standard RCA-style jacks. Now you can bridge your legacy sound system with digital sources such as DVD and CD players that don't have RCA-style analog outputs.

How It Works

Simply run a short extension cable from an available digital audio output jack on your digital source device to the same type of digital input on the Converter. Select which kind of digital signal (coaxial or optical) is being input with the selector switch on the converter, then hook up your analog RCA-style left and right cables to the Converter's analog RCA jack outputs and power up all equipment. That's all there is to it!

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Features

- Converts S/PDIF or TOSLink digital audio signals to analog L/R audio

- Digital interpolation filter and digital-to-analog converter (DAC)

- Accepts uncompressed digital audio as input

- Samples at 32, 44.1, 48 and 96 KHz

- 2-channel LPCM (Linear Pulse Code Modulation)

- 24-bit S/PDIF incoming bitstream on left and right channels

- Compact and easy to install

Package Includes

(1) Digital Audio to Analog Adapter
(1) 3 ft. Optical cable
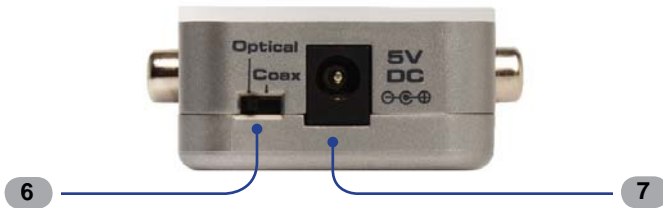(1) 5V DC Power Supply
(1) Quick Start Guide

Top

1

Front

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Side

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1 **Power Indicator**
This LED indicator will glow bright red once the included 5V DC power supply has been connected between the *Digital Audio to Analog Adapter* and an available electrical outlet.

2 **Out L**
Connect an RCA cable from this port to the left channel input of the A/V device.

3 **Out R**
Connect an RCA cable from this port to the right channel input of the A/V device.

4 **In Coax**
Connect a coax cable from the digital audio source to this S/PDIF port.

5 **Optical**
Connect an optical cable from the digital audio source to this TOSLINK™ port.

6 **Optical / Coax**
Use this slider switch to select between the Optical input or the Coax input on the Digital Audio to Analog Adapter.

7 **DC 5V**
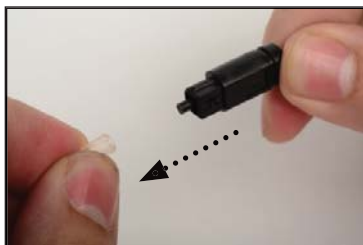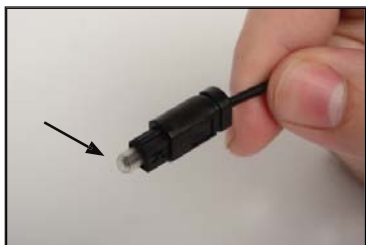Connect the included power supply to this power receptacle.

How to Connect the Digital Audio to Analog Adapter

1. Connect an Optical and/or Coax cable from the audio source(s) to the Digital Audio to Analog Adapter.

> ⚠️ **IMPORTANT:** Before connecting the included optical cable between the audio source and the Digital Audio to Analog Adapter, be sure to remove the clear plastic protective cover on both end of the TOSLINK™ connectors as shown in the photos below. Use your thumb and index finger to pinch the protective cover, then gently pull to remove the cover from the TOSLINK™ connector.
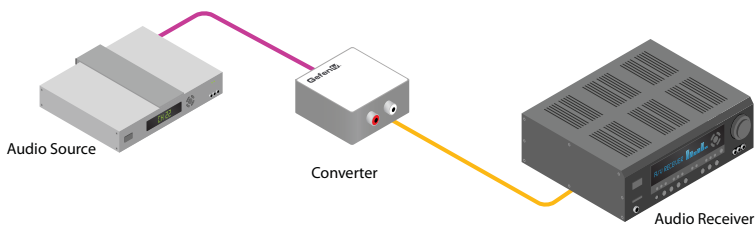

2. Connect a set of L/R analog RCA-type audio cables from the Audio L/R output of the Digital Audio to Analog Adapter to the inputs of the A/V equipment.

3. Connect the included 5V DC power supply to the power receptacle on the Digital Audio to Analog Adapter and connect the AC adapter to an available electrical outlet.

Wiring Diagram for the Digital Audio to Analog Adapter

Gefen**tv**.

L/R RCA ANALOG AUDIO CABLE
SPDIF OR TOSLINK DIGITAL AUDIO CABLE

Audio Source

Converter

Audio Receiver

GTV-DIGAUD-2-AAUD

Switching between Optical and Coax

*Switching to the Optical (*TOSLINK™*) input*

- Slide the Optical / Coax switch to the far left as shown in the photo below:

*Switching to the Coax (*S/PDIF™*) input*

- Slide the Optical / Coax switch to the far right, as shown below:

SPECIFICATIONS

Digital Audio Inputs.. (1) TOSLINK™, (1) S/PDIF

Analog Audio Outputs .... (1) L+R RCA-type

Distortion.. < 0.001% @ 1 kHz

SNR.. > 90 dB (20 Hz - 20 kHz, A-weighted)

Power Supply.. 5V /1A DC

Power Consumption...5W (max.)

Operating Temperature.. 0 to +70° C

Dimensions (W x H x D) ....1.8" x 0.9" x 1.8" (46mm x 22mm x 46mm)

Shipping Weight .... 1 lbs. (0.5 kg)

WARRANTY

Gefen warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen is notified within two (2) years from the date of shipment, Gefen will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.

2. Customers outside the US are responsible for shipping charges to and from Gefen.

3. Copper cables are limited to a 30 day warranty and cables must be in their original condition.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding the features and specifications is subject to change without notice.

For the latest warranty coverage information, refer to the Warranty and Return Policy under the Support section of the Gefen Web site at www.gefen.com.

PRODUCT REGISTRATION

Please register your product online by visiting the Register Product page under the Support section of the Gefen Web site.

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