



---

**Helping you achieve your installation needs!**

---

**Direct Connect®**

DirectConnect® is one of the largest manufacturers of products designed specifically for the custom installation of audio, video, security, telecom and data networking industry.

**Extensive product selection**

Our extensive product mix offers items in the categories of bulk wire and cable, connectors, installation hardware, interconnect cables, distribution panels, a/v transceivers, cameras, punch blocks, splitters, tools and wall plates - virtually everything a custom installer needs!

**Since 1996,**

Since 1996, DirectConnect® has offered unique products that provide solutions to everyday installation headaches. How do we come up with these ideas? We listen to the professionals that are faced with challenges in the field and need someone on the front line that they can rely on.

The Finest Name in Audio/Video Products and Accessories



**DirectConnect®**  
Houston, Texas 77027  
Phone 800.531.3224

*Would it make your day to know that someone is waiting to hear from you?  
We are. Your DirectConnect® representative is ready to take your call.  
Or if you prefer, visit us online at ...*

**<http://www.directconnecthome.com>**

## *Coaxial & Optical Digital To Analog Audio Converter*



**DCCVTDARLA** .22007

---

**COAXIAL & OPTICAL DIGITAL TO ANALOG STEREO AUDIO CONVERTER  
USER MANUAL**



This high-performance DirectConnect® coaxial (S/PDIF) and optical (Toslink) digital to analog stereo (L&R) audio converter is designed for either home or professional use. The converter converts coaxial or optical (Toslink) digital audio signals to analog left and right stereo audio and

can connect to an external device such as an amplifier via standard RCA-style jacks.

Two channel uncompressed LPCM (Linear Pulse Code Modulation) with sampling rates up to 96 KHz digital audio output signal from a device like Apple TV™ is converted to stereo analog audio via standard RCA-style jacks (L&R). This converter is small in size and quite easy to install.

- Plug and play: Installs in seconds, easy to operate, and small chassis
- Converts coaxial (S/PDIF) or optical (Toslink) digital audio signals to analog L/R audio
- Supports sampling rates at 32, 44.1, 48 and 96 KHz
- Supports 24-bit S/PDIF incoming bit stream on left and right channels
- Provides electromagnetic-noise-free transmission
- Supports uncompressed 2 channel LPCM (Linear Pulse Code Modulation) audio

REV 122910

---

**IMPORTANT:** If you do not understand the correct installation instructions, please consult your installation specialist.

---

---

---

## Thank you for choosing DirectConnect® Products

---

---

### Dear Customer

Thank you for purchasing this DirectConnect® product. For optimum performance and safety, please read these instructions carefully before connecting, operating, or adjusting this product. Please keep this manual for future reference.

### Table of Content

1.0 Specifications .....	3
2.0 Features .....	4
3.0 Package Contents.....	4
4.0 Connect and Operate.....	5
4.1 Panel Descriptions.....	5
4.2 Connection Diagram .....	5
5.0 Troubleshooting.....	6
6.0 Limited Warranty .....	7

### Liability Statement

1. *Every effort has been made to ensure that this product is free of defects. DirectConnect® cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user of the hardware to check that it is suitable for his/her requirements and that it is installed correctly. All rights reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.*
2. *DirectConnect® reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.*
3. *All third-party trademarks and copyrights are recognized.*

**IMPORTANT:** If you do not understand the correct installation instructions, please consult your installation specialist

---

\* DirectConnect® is a registered trademark.  
\*UL® is as registered trademark of Underwriters Laboratories.

---

---

## 6.0 LIMITED WARRANTY

Should any consumer product from DirectConnect® fail due to defects in materials or workmanship within two years from the date of the original sale to the end-user, DirectConnect® guarantees replacement of the defective product at no cost. Freight charges for the replacement unit will be paid by the customer. A copy of the invoice showing the item number and date of purchase (proof-of-purchase) must be submitted with the defective unit to constitute a valid in-warranty claim.

Units that fail after the warranty period has expired may be returned to the factory for repair at a nominal charge, if not damaged beyond the point of repair. All freight charges for out-of-warranty returns for repair are the responsibility of the customer. Units returned for repair must have a Return Authorization Number assigned by DirectConnect®.

This is a limited warranty and is not applicable for products which, in our opinion, have been damaged, altered, abused, misused, or improperly installed. DirectConnect® makes no other warranties either expressed or implied, including limitation warranties as to merchantability or fitness for a particular purpose. Additionally, there are no allowances or credits available for service work or installation performed in the field by the end user.



---

## Thank you for choosing DirectConnect® products

---

**IMPORTANT:** If you do not understand the correct installation instructions, please consult your installation specialist

\* DirectConnect® is a registered trademark.  
\*Toslink™ is a registered trademark.  
\*UL® is as registered trademark of Underwriters Laboratories.

## 2.0 FEATURES

This high-performance DirectConnect® digital to analog converter has many features that enable it to perform in a superior manner. Among those features you will find:

- Easy to operate: Install in seconds with no extensive configuring
- Converts coaxial (S/PDIF) or optical (Toslink) digital audio signals to analog L/R audio
- Supports sampling rates at 32, 44.1, 48 and 96 KHz
- Provides electromagnetic-noise-free transmission
- Supports 24-bit S/PDIF incoming bit stream on left and right channels
- 5 volt DC@2A power supply included

## 3.0 PACKAGE CONTENTS

Before attempting to use this DirectConnect® unit, please check the packaging and make sure the following items are contained in the shipping carton:

- DirectConnect® Digital to Analog Audio Converter
- 5 Volt DC Power Adapter
- User's Manual

Note: Please retain the original packing material in case you need to return the unit. If you find any items missing, contact DirectConnect® immediately (800.531.3224). Please have the model number, serial number, and invoice available for reference when you call.

## 4.0 CONNECTION AND OPERATUION

Before installation, please make sure all devices you wish to connect have been turned off.

- 1) Connect the digital audio source device (Output Source) to the DirectConnect® Digital to Analog Converter using appropriate optical (Toslink) or coaxial (RCA type) cables. (Cables are optional)  
\* Please refer to connection diagram section below.
- 2) Connect the A/V Receiver or Amplifier (Input Source) to the Digital to Analog Converter using appropriate RCA-type R&L cable (Cable is optional)
- 3) Insert DC side of 5 volt power supply into this product and then connect the AC side of the power supply into the wall outlet (ideally the AC power should be surge suppressed and filtered)

**Note:** When connected to the optical (Toslink) and Coaxial (RCA type) cables at the same time, the product will give priority to the Toslink input.

**Attention:** Insert / remove cables gently

## 4.1 PANEL DESCRIPTIONS

Please study the panel drawings below and become familiar with the signal input(s), output(s) and power requirements. Apply AC power via 5 volt power supply last.

### HDMI™ Digital to Analog Audio Converter



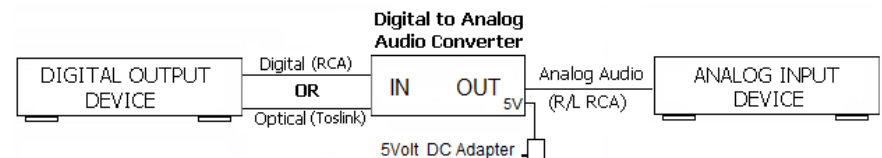
1 – Digital Input from Source  
Optical (Toslink) or Coaxial (RCA)

2 – Stereo (RCA) Output

3 – DC Input Power

Please Note: Apply AC power via 5 volt power supply last

## 4.2 CONNECTION DIAGRAM



## 5.0 TROUBLESHOOTING

If this DirectConnect® product does not appear to be functioning properly, please make certain that the source and the destination device connected to the unit are functioning correctly. If other problems exist, please check the conditions below carefully.

In the event of problems, first make certain that the input and output cables.

If you experience problems using the Digital to Analog Converter, you should attempt to determine what is wrong by attaching each of the source devices – one at a time – directly to the destination device using the same cables you are using with the expanded system. This is a way of determining if the problem is due to bad cables or a problem with the other devices. If you are unable to obtain a signal using this simplified path, please ensure your cables are functioning properly and the source / destination devices are working properly.

<b>Without LED light</b>	Is the power adapter connected?
<b>Not operating</b>	Are the input and output source units turning on? Are cables connected properly? Please refer to the connection diagram.
<b>Without sound</b>	<ol style="list-style-type: none"> <li>1) Check the input source device input type and volume</li> <li>2) Turn off the output source and power on again. If it's still not ok, then</li> <li>3) Turn off the input device and turn on again</li> <li>4) Repeat step 2 again if still not working</li> </ol> <p><i>Note: Some input devices proper input type must be set (digital or analog input)</i></p>

DO NOT open the converter box. There are no user repairable parts inside. Once opened, DirectConnect® is not responsible. For other problems, please contact DirectConnect® at 800.531.3224. <http://www.directconnecthome.com>

**Notice:** DirectConnect® reserves the right to make changes in the hardware, packaging and/or any accompanying documentation without prior written notice.

## 1.0 SPECIFICATIONS



<b>Signal Inputs/Output</b>	
Input Audio Signal	Coaxial or Optical (Toslink) digital audio
Input Audio Connectors	Coaxial – 1 x RCA-style / Optical – 1 x Toslink
Output Audio Signal	Left and Right Audio
Output Audio Connectors	2 x RCA style – Left and Right
<b>Digital Signal I/O</b>	
Sampling rate	32, 44.1, 48, and 96 KHz
<b>Mechanical</b>	
Size(H-W-D)	1.97" x "1.57 x 1.38" (50 x 40 x 35mm)
Weight(Net)	2.75 oz. (0.78grams)
<b>Warranty</b>	
Limited Warranty	1 Year Parts and Labor
<b>Environmental</b>	
Operating Temperature	32°F - 158°F (-0°C + 70°C)
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	14°F - 176°F (-10°C + 80°C)
Storage Humidity	5% to 90% RH (no condensation)
<b>Power Requirement</b>	
DC Power Adapter	5V DC@2A
Power Consumption	0.5 Watts maximum
<b>Regulatory Approvals</b>	
Converter Unit	FCC
Power Supply	UL
<b>Accessories</b>	
AC Power Adapter	US standard
User Manual	English Version

Note: Specifications are subject to change without notice