



PULSEAUDIO™

DIGITAL TO ANALOG CONVERTER

WITH **DOLBY** DOWNMIXING



PART NUMBER DAC-DD

CONVERTS DIGITAL COAXIAL OR OPTICAL TO ANALOG AUDIO
VIA DUAL RCA STEREO OUTPUT

pulseaudio1.com | vanco1.com | 800.626.6445

DEAR CUSTOMER

Thank you for purchasing this 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.

THIS PRODUCT IS 100% INSPECTED AND TESTED IN THE UNITED STATES TO VERIFY PERFORMANCE PARAMETERS.

WARNING

1. Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
2. To prevent risk of electrical shock or fire hazard, due to overheating do not obstruct unit's ventilation openings.
3. Do not install near any source of heat, including other units that may produce heat.
4. Do not place unit near flames.
5. Only clean unit with a dry cloth.
6. Unplug unit during lightning storms or when not used for an extended period of time.
7. Protect the power cord from being walked on or pinched, particularly at the plugs.
8. Use unit only with accessories specified by the manufacturer.
9. Refer all servicing to qualified personnel.

○ FEATURES

The PulseAudio DAC-DD Digital to Analog Converter with Dolby Downmixing converts either digital coaxial or optical to analog audio via dual RCA stereo output. Stereo output signals can then be fed to external devices such as an audio system, recording device, or powered speakers via standard phono style (RCA) jacks. Features Dolby Digital downmixing that assures full compatibility with any playback system without having to downgrade the source, especially helpful when sending the audio source signal to multiple zones with different formats. With both inputs and outputs for coaxial and optical connections, it provides the perfect solution for audio conversion applications.

○ Digital to Analog Audio Converter

Part # DAC-DD

- Converts digital audio to analog audio with Dolby Digital downmixing
- Decodes connected S/PDIF coaxial or TOSLINK optical digital audio sources to analog stereo (L/R) audio
- Dolby Digital downmixing assures full compatibility with any stereo playback system
- Downmixes Dolby 5.1 to PCM
- Ability to switch between coaxial and optical audio input connections
- 24-bit S/PDIF incoming bitstream on left and right channels
- 2-channel LPCM at 32, 44.1, 48, 96 & 192 KHz
- Accepts uncompressed digital audio input source signals

○ PACKAGE CONTENTS

- DAC-DD Converter
- Power Supply
- Product Manual

○ PANEL DESCRIPTIONS

Front Panel



1. Coaxial digital audio input (RCA)
2. Optical digital audio input

NOTE: The DAC-DD will select from whichever digital input is connected. If both digital inputs are connected simultaneously, then the digital coaxial input will be the default and will take priority.

Back Panel



1. 5V DC power input
2. Power indicator light: illuminates when powered on
3. Dual RCA Stereo Output

○ CONNECT AND OPERATE



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

1. Connect the audio source device to the DAC-DD using an appropriate toslink or coaxial cable
2. Connect the AV Receiver or amplifier to the DAC-DD using dual RCA stereo cable
3. Insert the DC side of 5V power supply into the DAC-DD and then connect the AC side of the power supply into the wall outlet
4. Verify analog audio output

○ SAFETY AND NOTICE

The DAC-DD has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the DAC-DD should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit
- Do not attempt to service this unit yourself, except where explained in this manual
- Provide proper ventilation and air circulation and do not use near water
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface
- Use only the power adapter and power cords and connection cables designed for this unit
- Do not use liquid or aerosol cleaners to clean this unit
- Always unplug the power to the device before cleaning

○ TECHNICAL SUPPORT

In case of problems, please contact Vanco Technical Support by dialing 1-800-626-6445. You can also email technical support issues to techsupport@vanco1.com. When calling, please have the Model Number, Serial Number (affixed to the bottom of the unit) and Invoice available for reference during the call. Please read this Instruction Manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation. All active electronic products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation. The testing process utilizes the types of high-definition sources and displays typically installed for entertainment and home theatre applications. For additional information please visit www.vanco1.com.

○ LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. The manufacturer of this product 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 and installer of the hardware to check that it is suitable for their requirements and that it is installed correctly. All rights are 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. Manufacturer 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.

○ LIMITED WARRANTY

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of two years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

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