



User Manual

Digital to Analog Audio Decoder

Model PT-C-DADM

Designed in Germany

VersionV1.0

Preface

Read this user manual carefully before using this product. Pictures shown in this manual are for reference only. Different model layouts and specifications are subject to the physical product.

This manual is for operation instructions only, not for any maintenance usage.

In the constant effort to improve our product, we reserve the right to make changes in functions or parameters without prior notice or obligation.

Trademarks

Product model and logo are trademarks. Any other trademarks mentioned in this manual are acknowledged as the properties of the trademark owner. No part of this publication may be copied or reproduced without the prior written consent.

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 manufacturer would void the user's authority to operate the equipment.



REACH | 1907/2006/EU

ROHS | 2011/65/EU

PureLink hereby declares that this product **PureTools PT-C-DADM** complies with Directives 1907/2006/EU and 2011/65/EU.

EMC / LVD (Electro Magnetic Compatibility / Low Voltage Directive)

PureLink GmbH hereby declares that this product **PureTools PT-C-DADM** complies with Directives 2014/30/EU and 2014/35/EU. The full text of the EU Declaration of Conformity is available at the following Internet address:

http://www.purelink.de/ce/4251364737415_CE.pdf



SAFETY PRECAUTIONS

To ensure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Unpack the equipment carefully and save the original box and packing material for possible future shipment.
- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- Do not dismantle the housing or modify the module. It may result in electrical shock or burn.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Refer all servicing to qualified service personnel.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Do not put any heavy items on the extension cable in case of extrusion

- Do not remove the housing of the device as opening or removing housing may expose you to dangerous voltage or other hazards.
- Install the device in a place with fine ventilation to avoid damage caused by overheat.
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Unplug the power cord when left unused for a long period of time.
- Information on disposal for scrapped devices: do not burn or mix with general household waste, please treat them as normal electrical wastes.

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1. Product Introduction

1.1 Introduction

The Digital to Analog Audio Decoder features an integrated 24 bit audio DSP. This unit can decode a variety of digital audio formats, including Dolby Digital (AC3), DTS and PCM. It can simply connect an Optical (Toslink) or Digital Coaxial Cable to the input, then the decoded audio can be transmitted as 2 channel analog audio via the Stereo RCA output or the 3.5mm output (suitable for headphones) simultaneously.



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, DTS and the Symbol together, and Digital Surround are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved.

1.2 Features

- Decode Dolby Digital (AC3), DTS or PCM digital audio to stereo audio output.
- Support PCM 32KHz, 44.1KHz, 48KHz, 88.2KHz, 96KHz, 176.4KHz, 192KHz sample frequency audio decode.
- Support Dolby Digital 5.1 channels, DTS-ES6.1 channels audio decode.
- No need to install drivers. Portable, flexible, plug and play

1.3 Package List

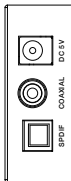
- 1 × Audio Decoder
- 1 × 5V/1A DC Adaptor
- 1 × User Manual

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

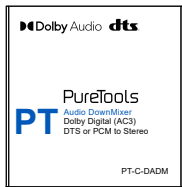
2. Panel Description

Please study the panel drawings below and be familiar with the signal input(s), output(s) and power requirements.

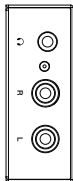
Back Panel



Top Panel



Front Panel



3. Specification

Input Ports	1 x Optical (Toslink), 1 x Digital Coaxial
Output Ports	1 x RCA (L/R), 1 x 3.5mm (Headphone)
Signal to Noise Ratio	103db
Degree of Separation	95db
Frequency Response	(20Hz ~ 20KHz) +/- 0.5db
Dimensions	78mm(D)x60mm(W)x22mm(H)
Weight	102g

4. System Diagram

The following diagrams illustrate typical input and output connections that can be utilized with this decoder:

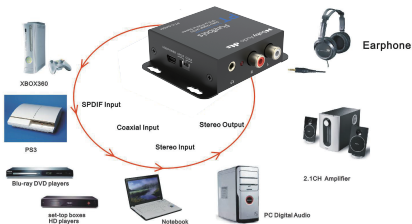
1. Connect a source (e.g. Blu-Ray Player, game console, A/V Receiver, etc.) to the audio Decoder's SPDIF input port by fiber cable or Coaxial input port by coaxial cable.
2. Connect a headphone or analog audio amplifier to the audio output port on the Decoder.
3. Power on the Decoder and select the switch to your need audio input port.

4. LED Status Indicator

Red always: PCM decoder or No signal

Red blinking: Dolby decoder

Green blinking: DTS decoder



Usage Precaution

- Make sure all components and accessories included before installation.
- System should be installed in a clean environment with proper temperature and humidity.
- All of the power switches, plugs, sockets, and power cords should be insulated and safe.
- All devices should be connected before power on