

# ARGON

# DAC1



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## Safety

### Safety Instructions

*Please store this instruction manual for future reference.*

- Do not use this product near water or moisture. Clean only with a dry cloth. Unplug this product from the wall outlet before cleaning.
- Place the unit on a solid surface.
- Do not put it in a closed bookcase or a cabinet that may keep air from flowing through its ventilation openings.
- Do not install near any heat sources, such as radiators, heat registers, stoves or other appliances that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs and the point where they exit from the product.
- Servicing is required when the product has been damaged. Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please contact the manufacturer to be referred to an authorized service center near you.
- To prevent risk of fire or electric shock, avoid over loading wall outlets, extension cords, or integral convenience receptacles.
- Do not let objects or liquids enter the product.
- Use proper power sources. Plug the product into a proper power source, as described in the operating instructions or as marked on the product.



## Introduction

Dear Customer,

Quality has always been our driving force and founding Argon Audio is a natural extension of this philosophy. We have 20 years' experience in creating and specifying high quality products, manufacturing them and selling them on to end users with Value-for-Money as the primary aim.

And Argon Audio is a brand fully compliant with these values.

Design, features and quality standards are all specified in Denmark and manufacturing takes place in the Far East, where quality vendors are highly competitive - and as a result supply outstanding Value-for-Money products – To the delight of both ourselves and our customers!

Congratulations with your DAC-1, may it bring years of enjoyment.

## Carton contents;

We have during production and packing carefully checked and inspected the units.

After unpacking please check for any damage from transport.

We recommend that you keep the original carton box and packing material for any future shipping.

## In the carton box you will find:

- ARGON DAC1
- DC24V 0.5A power adapter
- RCA wire
- USB wire
- User manual
- Club Member coupon



## Front panel functions



## Rear panel connections



**Notice:** Before connecting the Optical cable, remember to remove the small plastic protection covers at each end of the Optical cable.

## Trouble shoot

- If you cannot connect the Optical cable, please check if you have removed the small plastic protection covers at each end of the Optical cable.
- If you have problems connecting to your PC, check on [www.hifiklubben.com](http://www.hifiklubben.com) or [www.argonaudio.com](http://www.argonaudio.com) for the latest firmware.

## Specifications & Data

### • Technical Specifications

- Amplifier Structure : Low pass filter with 2Vrms output
- Power Structure : Virtual-Ground power supply
- Sample Rate :
  - S/PDIF(Coaxial/Optical) : 24-bit / 96kHz (Max)
  - USB : 24-bit / 96kHz (Max)
- Circuit Protect : Output short / Over current protect
- Chipsets :
  - USB Codec : Tenor - TE7022
  - Digital Receiver : TI - DIR9001
  - D/A Conv.: Wolfson WM-8740
  - OPAMP : NS - LM4562

- Audio Performance (2Vrms output, Coaxial in, 24-bit / 48kHz)
- Frequency response (From 40Hz to 15kHz) : +0.01dB, -0.04dB
- Noise level (1kHz, A-Weighted) : -114.4dB
- Dynamic range (1kHz, A-Weighted) : 114.4dB
- THD% : 0.012%
- Stereo crosstalk : -112.9dB

### • Connectivity

- S/PDIF in :
  - 1 of Coaxial jack
  - 1 of Optical jack
- USB interface (USB 1.1):
  - 1 of USB Connector
- Line Output :
  - 1 of RCA jack

### • System Requirements

- Intel® Pentium® 2, Celeron® 800MHz or higher computer system
- Microsoft® Windows 2000® (Service Pack 4) or Windows® XP (Service Pack 1) or newer Windows.
- 128MB RAM
- Available USB port