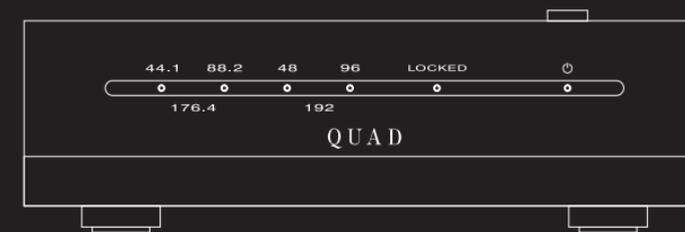


Attention before service

Symptom	Cause	Remedy
LED on Link D-1 USB D/A Converter does not glow.	Computer is switched off. Connection at either end is loose.	Switch on the computer. Re-connect USB cable to secure connection.
There is no sound.	Computer does not detect the presence of the Link D-1; outboard DAC does not lock onto incoming data even with USB cable is connected. Audio cable to amplifier input not connected. Volume control is set to minimum.	Go to control panel - > Sounds and Audio Devices Properties - > Audio tab - > Sound playback - > Select the Link D-1 as default device. Connect the audio cable. Turn volume control up to desired level.

Should the above symptoms persist with all instructions observed, your Link D-1 USB D/A Converter may require servicing.

Link D-1 USB D/A Converter



Owner's Manual

QUAD

IAG House, Sovereign Court, Ermine Business Park, Huntingdon, Cambs, PE29 6XU, UK
Tel: +44(0)1480 447700 Fax: +44(0)1480 431767 <http://www.quad-hi.fi.co.uk>
IAG reserve the right to alter the design and specifications without notice. All rights reserved. © IAG Group Ltd.
Quad is a member of the International Audio Group. CODE: QH11-MNL0002

QUAD *the closest approach to the original sound*

Safety Caution



Read these instructions.

Follow all instructions.

Keep these instructions.

Heed all warnings.

Do not use this apparatus near water.

Clean only with dry cloth.

Do not block any ventilation openings.

Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point

where they exit from the apparatus.

Use only attachments/accessories specified by the manufacturer.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING: To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture. The product must not be exposed to dripping and splashing and no object filled with liquids such as a vase of flowers should be placed on the product.

No naked flame sources such as candles should be placed on the product.

CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

WARNING: The mains power switch for this appliance is located on the rear panel. To permit free access to this switch, the apparatus must be located in an open area without any obstructions.

WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

 This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Introduction

With the increased popularity of computers as source, this Link D-1 USB D/A Converter allows consumers to enjoy listening to digital music sources from a computer (Windows or Mac) via USB connection. This product is USB 1.1 and 2.0 compliant. This device supports sampling frequencies ranging from 32kHz to 192kHz and incorporates a high quality digital-to-analogue converter (DAC). It can also serve as an USB interface simply to convert the data of music files from your computer to SPDIF signal for use with outboard DAC's.



2

Instructions

As a digital-to-analogue converter

1. When switched on, all the LEDs on the front panel will flash for less than a second. This unit enters standby mode when switched on and the power LED glows red. It turns white in operation mode.
2. Connect your computer and Link D-1 USB D/A Converter via USB link. The factory default 48kHz input sampling frequency will glow white.
3. Connect the audio output terminals to the RCA unbalanced input sockets of your pre-amplifier or integrated amplifier using high quality, screened audio cables.
4. With the computer in operation the Link D-1 USB D/A Converter will detect and lock onto input data and the USB input indicator LED glows red. Meanwhile, the source sampling frequency indicator LED glows white. To indicate a sampling frequency of 176.4kHz, the 44.1kHz and 88.2kHz LEDs will glow.

3

Similarly, to indicate sampling frequency of 192kHz, the 48kHz and the 96kHz LEDs will glow.

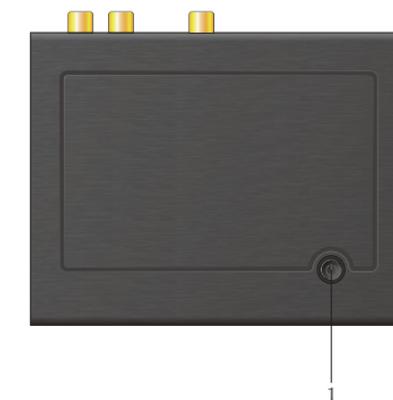
Note: Windows does not support 192kHz sampling frequency. Owners of computers (Windows) are required to install corresponding software provided in the accompanying CD-ROM. Simply follow the software installation instructions contained.

As a USB interface

1. Connect the coaxial or Toslink optical digital output on the Link D-1 USB D/A Converter to a corresponding digital receiver on your DAC as illustrated below.
2. Your DAC or CD player with digital inputs will lock onto the input data. The display screen will then indicate the presence of a digital signal and show the output sampling frequency of the music file in your computer.

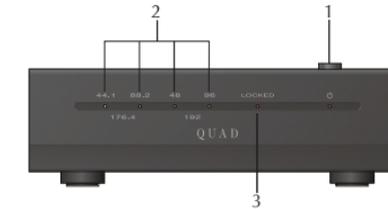
Connections

Top Panel

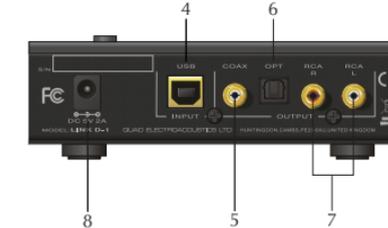


1. Standby/Operation key
2. USB input indicator LED
3. Locking LED
4. USB digital data input from computer
5. Coaxial digital data output to digital receiver
6. Optical digital data output to digital receiver
7. Analogue output to line level input of amplifier
8. To accessory AC/DC power adaptor

Front Panel



Rear Panel



4

Specifications

Resolution	24 bits / 32kHz ~ 192kHz
Digital Input	USB 1.1 and 2.0 compliant
Digital Outputs	S/PDIF coaxial x 1 Toslink optical x 1
Displayed sampling frequencies	44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz
Analogue output level	2.2V
Output impedance	100 Ohms
Frequency response	20Hz – 20kHz (+/-0.2dB)
Dynamic range	110dB
Dimensions (W x D x H)	130mm x 108mm x 42mm
Net weight	0.5kg
Accessories	Universal power adapter with power cords, USB Cable, CD-ROM

* Design and specifications are subject to change without further notice.

 Correct disposal of this products. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

5