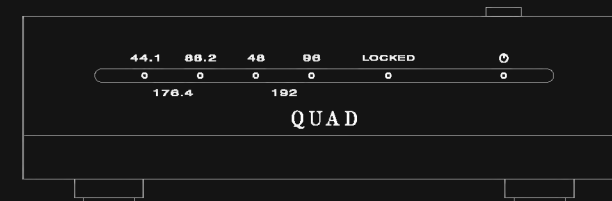


Attention before service

| Symptom | Cause | Remedy |
|--|---|---|
| LED on Link D-1 USB D/A Converter does not glow. | Computer has been switched off. Connection at either end is loosened. | Switch the computer on. Re-connect USB cable securely. |
| 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 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

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QUAD

the closest approach to the original sound

Safety Caution



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

WARNING: To reduce the risk of electric shock, do not remove cover (back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance. Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. 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.

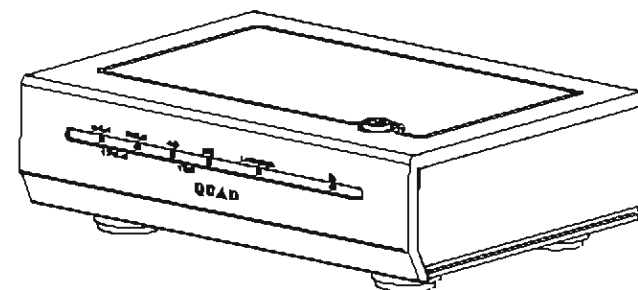
Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two lades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into you outlet, consult an electrician for replacement of the obsolete outlet. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus. Only use attachments/accessories specified by the manufacturer. Unplug the apparatus during lightning storms or when unused for long periods of time. Refer all servicing to qualified 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 exposed to rain or moisture, does not operate normally, or has been dropped.

CAUTION: These serving instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any serving other than that contained in the operating instructions unless you are qualified to do so.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be places on apparatus. No naked flame sources, such as lighted candles, should be placed on the apparatus. **WARNING:** The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like. **WARNING:** The mains plug/appliance coupler is used as disconnect device shall remain readily operable.

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. No custom USB drivers or software programs are required. 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.



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Instructions

As a digital-to-analogue converter
 1. When switched on, all the LED's on the front panel will flash 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 a USB connector on your computer to the USB terminal on the Link D-1 USB D/A Converter. The factory default 48kHz input sampling frequency will glow.

3. Connect the audio output terminals to the RCA unbalanced input sockets of your pre-amplifier or integrated amplifier using high quality, screened audio cable.

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's glow white. The glowing of 44.1kHz and 88.2kHz LED's indicates an input sampling frequency of 176.4kHz

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while glowing of 48kHz and 96kHz LED's indicates an input sampling frequency of 192kHz.

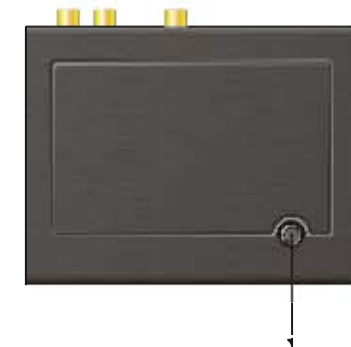
Note: Windows does not support 192kHz and owners of computers (Windows) are required to install a corresponding programme. Simply follow the instructions provided in the menu and installation will be accomplished.

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 input 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.

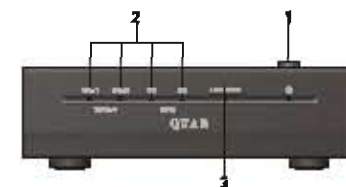
Connections

Top Panel

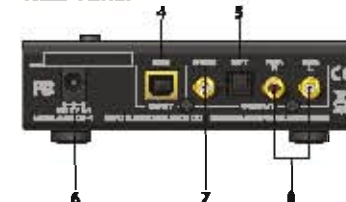


1. Standby/Operation key
2. USB input indicator LED
3. Locking LED
4. USB digital data from computer
5. Optical digital output to DAC
6. To accessory AC/DC power adaptor
7. Coaxial digital output to DAC
8. Analogue output to line level input of amplifier

Front Panel



Rear Panel



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Specifications

| | |
|--------------------------------|--|
| Resolution | 24 bits / 32 kHz - 192kHz |
| Digital Input | USB 1.1 and 2.0 compliant |
| Digital Outputs | S/PDIF coaxial x 1 Toslink optical x 1 |
| Displayed sampling frequencies | 44.1 kHz, 48 kHz, 88.2kHz, 96 kHz, 176.4kHz, 192kHz |
| Analogue output level | 0 - 4.0V |
| 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 |

* 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 devices, 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.

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