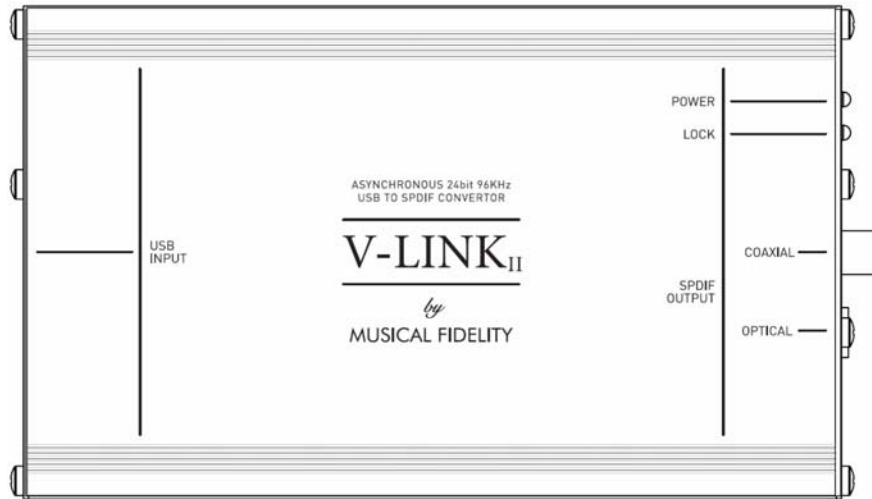


V-LINK_{II} Asynchronous 24bit 96KHz USB to SPDIF Converter

Instructions



Introduction

Thank you for purchasing the V-LINK_{II} asynchronous 24 bit 96kHz USB to SPDIF converter. We sincerely hope that it will bring you many years of outstanding listening pleasure.

Installation Precautions

Your new V-LINK_{II} is designed and built to provide trouble-free performance, but as with all electronic devices, it is necessary to observe a few precautions:

Do not use the V-LINK_{II} near water. The unit must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, must be placed on the unit.

Keep the V-LINK_{II} away from heat such as radiators. No naked flame sources, such as lighted candles, should be placed on the unit.

Power Supply Note:

The V-LINK_{II} does not require a power supply; instead it automatically draws a small amount of operating power from the computer USB port it connects to.

This Hi-fi product has been tested to ensure that its operation is not adversely affected by normal background levels of Radio Frequency Interference (R.F.I.), and that it does not itself generate excessive amounts of interference. However, if a problem persists, please contact your Musical Fidelity agent.

Never open the case of the V-LINK_{II} yourself, as this will invalidate the guarantee.

Place all connecting cables where they are not likely to be walked on or trapped by items placed on them.

The V-LINK_{II} will operate in accordance with its specifications within the following environmental range:

Temperature 5 to 45 degrees Celsius

Humidity 10 to 90% non condensing

There are no user adjustments inside. Please refer all service work to an authorised Musical Fidelity agent.

Connections

Always switch off the equipment attached to the V-LINK_I before connecting/disconnecting power, changing leads or inputs.

Digital optical or coaxial outputs

Using good quality digital RCA lead (not supplied), connect the digital coaxial or optical output to a DAC (digital to Analogue converter) or other digital audio input device to the V-LINK_I SPDIF or COAXIAL sockets.

USB input

A good quality USB A to B cable is required to connect the unit to the computer.

Plug the B (square) end into the socket in the back of the V-LINK_I.

Plug the A (rectangle) end into a free USB socket on your computer. Once the unit is plugged in and powered, the computer should detect the new hardware and install a generic driver automatically (No setup or driver disk required).

Outputs

Connect the V-LINK_I outputs to the digital inputs of a DAC or other digital media system. It is advisable to have the amplifier turned off at this point. Coaxial or optical may be used. A top quality optical transmitter is used to obtain reliable performance at 96kHz, and has the added advantage of inherent galvanic isolation, if used.

Power

The unit draws its minuscule power requirement from the USB host ie the computer to which it is attached. The blue LED will light to confirm the unit is ready for use, and the green LED will be lit once music is playing, indicating presence of digital signal.

Use

The V-LINK_I is designed to obtain maximum benefit from high quality digital audio files stored on a computer, in conjunction with a high quality DAC, such as our V-DAC_I. It will allow up to 96kHz 24 bit sampled files (e.g. FLAC files) to be converted to an SPDIF stream, for full high resolution processing by the following DAC. This will give the best listening experience using the full capability of the original 24 bit and high sample rate. Lower sample rate files, e.g. CD-originated music are simply passed through at their original sample rate.

Turn the volume on amplifier to normal listening levels, sit back and enjoy the music. These products have been designed so that they may be left on indefinitely.

Additional USB information

On the host computer, a new mixer will be available, which is the default mixer whenever the DAC is plugged in. Use this mixer to select the source or adjust levels if required. CD, MP3, WAV files played on any software should now play through the DAC. This device has been designed to work with Windows XP, Windows VISTA, Windows 7 and Apple OS X onwards.

The computer drivers for the USB input of the V-LINK_I should install automatically. To check correct installation follow these steps:

PC /Windows users

Check the computer has picked up the device and is currently using it by clicking: (most Windows versions)

- Start
- Settings
- Control panel
- Sounds and Multimedia
- Audio

Check "Musical Fidelity VLINK" appears under PREFERRED AUDIO DEVICE tab

Mac users

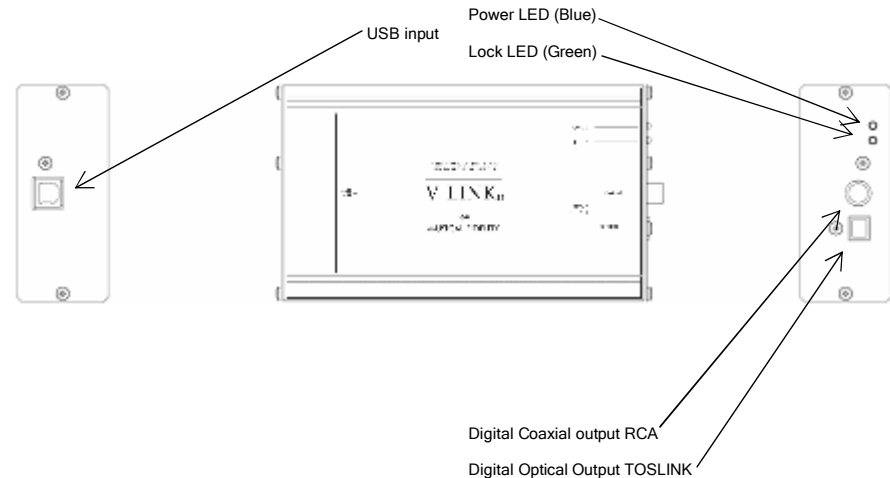
Check the computer has picked up the device and is currently using it by clicking: (MAC OS X)

- System preferences
- Hardware
- Sound

Check that "Musical Fidelity VLINK" is selected under the OUTPUT tab. If the computer's warning sounds/chimes are to be played through the DAC, make sure it is selected under the SOUND EFFECTS tab too.

This device is a high speed serial data processor, and by its nature, requires a very high volume of USB bandwidth. It will benefit greatly from being the only device connected on its USB 'port'. Sharing the same port with other devices may cause unwanted artefacts such as dropouts or temporary loss of signal. This especially includes the use of the DAC on a USB hub/splitter alongside other USB components.


Front and back connections



Basic problem-solving with an amplifier is similar to troubleshooting other electrical or electronic equipment. Always check the most obvious possible causes first, such as the following examples:		
Problem	Probable Cause	Remedy
No power	Computer not switched on. USB plug is not fully inserted into rear socket or computer Faulty or disconnected USB socket on computer	Check USB is plugged in. Plug in securely Check with computer manual/manufacturer that USB socket is enabled/in use.
No sound	Wrong connections between input source and the V-LINK _i	Check digital/USB input leads are securely connected. Green LOCK LED will light when an active digital/USB stream is detected.
No Output	Wrong connections between the V-LINK _i output and the following component	Check digital output lead connections. Check following DAC or digital receiving equipment is correctly setup and can handle 96kHz 24 bit digital signals.
Dropouts in sound	Digital output lead not properly connected Faulty digital output lead Shared USB port with another device Computer busy with another application Computer low on resources	Check input lead is fully secured Change or replace lead. Please use a good quality straight-through signal-and-ground phono to phono lead for digital coaxial connections. Avoid sharing the USB port with other devices, if possible. At times an application (program) may intervene, sometimes invisibly e.g. a virus scanner. When this happens, computer resources are temporarily used up, and playback may suffer. This is not a fault. Try running fewer applications. See "additional USB information" section
If none of these actions affect a cure, please contact the dealer, or an authorised Musical Fidelity service agent. Remember; never open the case of the V-LINK _i , as this will invalidate the guarantee.		

Specifications:	Input	24 Bit	96kHz	USB stream (maximum)
	Output impedance	50Ω		SPDIF stream
	Power requirement	5V DC	160mA max	(Drawn from host computer's USB socket)
Connections	Digital input (USB)	1 USB type B		
	Digital outputs (SPDIF)	1 RCA socket (coaxial) 1 TOSLINK (optical)		
Dimensions	Length	170mm	6½"	including terminals
	Width	95mm	3¾"	
	Height	40mm	1½"	including "feet"
Weight	Unit alone	350g	12¼ oz	
	Unit packed in carton	400g	14 ¼ oz	
Accessories (supplied)	Leaflet	V-LINK _{ii}	Instructions	1 off

Musical Fidelity reserves the right to make improvements which may result in specification or feature changes without notice. E&OE.



Item disposal information for Europe



<p>DISPOSAL The crossed out wheeled bin label that appears on the back panel of the product indicates that the product must not be disposed of as normal household waste. To prevent possible harm to the environment please separate the product from other waste to ensure that it can be recycled in an environmentally safe manner. Please contact your local government office or your retailer for available collection facilities.</p>	<p>AFVAL Het label op de achterzijde van dit apparaat, een afvalbak op wielen met een kruis doorgeschild, geeft aan dat dit apparaat niet samen met gewoon huishoudafval mag worden weggegooid. Om mogelijke schade aan onze leefomgeving te voorkomen dient dit apparaat, gescheiden van gewoon huishoudelijk afval, te worden afgevoerd zodat het op een milieuvriendelijke manier kan worden gerecycled. Neem voor beschikbare inzamelpunten contact op met uw gemeentelijke reinigingsdienst of met uw elektronica leverancier.</p>
<p>DISPOSITION La poubelle sur roulettes barrées X, qui apparaît en logo sur le panneau arrière du produit, indique que celui-ci ne doit pas être traité comme un déchet domestique commun. Afin de protéger l'environnement, ce produit électronique devra être géré séparément et donc recyclé selon les nouvelles normes Européennes Rohs concernant les déchets d'appareils électroniques. Prière de contacter les services concernés gouvernementaux ou votre point de vente pour l'élimination et l'enlèvement de déchets électroniques équipés de composants électroniques.</p>	<p>HÄVITTÄMINEN Yrityksaltua jätteastiaa kuvaava tarra tuotteen takalevyssä kertoo, että tuotetta ei saa käsitellä normaalina talousjätteenä. Ympäristön suojelemiseksi on tuote pidettävä erillään muusta jätteestä ja se on kierrätettävä ekologisesti kestäväällä tavalla. Ota yhteyttä laitteen myyjään tai Pirkanmaan Ympäristökeskukseen lähimmän kierrätyskeskuksen löytämiseksi.</p>
<p>DISPOSAL La etiqueta cruzada hacia fuera del compartimento que aparece en el panel trasero del producto indica que el producto no se debe reciclar como basura normal de la casa. Para prevenir daños posible al ambiente separe por favor el producto de otras basura para asegurarse de que puede ser reciclada de una manera ambientalmente segura. Entre en contacto por favor a su oficina gubernamental local o a su minorista para las instalaciones disponibles de la colección.</p>	<p>AFSKAFNING Logoet med en skraldespand med kryds over på bagsiden af apparatet indikerer at dette produkt ikke må kasseres som normal husholdningsaffald. For at forebygge mulig skade på miljøet, bedes De separere dette produkt fra andet affald, og sikre at det bliver brugt på en miljørigtig måde. Kontakt venligst de lokale myndigheder eller din forhandler for oplysning om nærmeste tilgængelige opsamlingssted for elektronikaffald.</p>
<p>RIFIUTI L'etichetta del cassonetto barrato riportato sul retro dell'apparecchio indica che il prodotto non deve essere smaltito tramite la procedura normale di smaltimento dei rifiuti domestici. Per evitare eventuali danni all'ambiente, separare questo prodotto da altri rifiuti domestici in modo che possa venire riciclato in base alle procedure di rispetto ambientale. Per maggiori dettagli sulle aree di raccolta disponibili, contattate l'ufficio governativo locale od il rivenditore del prodotto.</p>	<p>ΔΙΑΔΙΚΑΣΙΑ ΑΠΟΡΡΙΨΗΣ ΤΟ ΣΗΜΑ ΜΕ ΤΟΝ ΔΙΑΓΕΓΡΑΜΜΕΝΟ ΠΡΟΧΗΛΑΤΟ ΚΑΔΟ ΑΠΟΡΡΙΜΤΩΝ ΣΤΗΝ ΠΙΣΩ ΟΨΗ ΜΗΧΑΝΗΜΑΤΟΣ ΔΗΛΑΔΕΙ ΟΤΙ ΤΟ ΠΡΟΙΟΝ ΑΥΤΟ ΔΕΝ ΠΡΕΠΕΙ ΝΑ ΔΙΑΧΕΡΙΣΘΕΙ ΣΑΝ ΣΥΝΗΘΙΣΜΕΝΟ ΟΚΙΑΚΟ ΑΠΟΒΛΗΤΟ, ΠΡΟΣ ΑΠΟΦΥΓΗ ΕΝΔΕΧΟΜΕΝΗΣ ΕΠΙΒΑΡΥΝΣΗΣ ΤΟΥ ΠΕΡΙΒΑΛΛΟΝΤΟΣ. ΞΕΧΩΡΙΣΤΕ ΤΟ ΠΡΟΙΟΝ ΑΥΤΟ ΤΑ ΑΛΛΑ ΑΠΟΡΡΙΜΑΤΑ ΩΣΤΕ ΝΑ ΕΞΑΦΑΝΙΣΘΕΙ Η ΑΝΑΚΥΚΛΩΣΗ ΤΟΥ ΜΕ ΤΟΝ ΠΡΕΠΟΝΤΑ ΤΡΟΠΟ. ΠΑΡΑΚΑΛΟΥΜΕ ΝΑ ΕΠΙΚΟΙΝΩΗΣΕΤΕ ΜΕ ΤΗΝ ΤΟΠΙΚΗ ΥΠΗΡΕΣΙΑ ΑΝΑΚΥΚΛΩΣΗΣ Η ΜΕ ΤΟ ΚΑΤΑΣΤΗΜΑ ΑΓΟΡΑΣ ΓΙΑ ΠΕΡΙΣΣΟΤΕΡΕΣ ΛΕΠΤΟΜΕΡΕΙΕΣ.</p>
<p>FACHGERECHTE ENTSORGUNG: Das auf der Geräterückseite angebrachte Label deutet darauf hin, dass das Produkt nicht mit konventionellem Hauskehricht entsorgt werden darf. Um Schäden und Verschmutzungen an Umwelt und Mensch zu vermeiden, muss das Produkt fachgerecht entsorgt und von anderem Abfall getrennt werden. Wenden Sie sich bei Fragen hierzu an Ihren Fachhändler oder an eine öffentliche Informationsstelle.</p>	

MUSICAL FIDELITY

Units 24-26
Fulton Road
Wembley
HA9 0TF
England
(+44) 208 8900 2866
<http://www.musicalfidelity.com/>

Manual issue 01