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Stereo Audio USB External Sound Card with SPDIF Digital Audio

ICUSBAUDIO2D

*actual product may vary from photos

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FCC Compliance Statement

This equipment 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 residential installation. 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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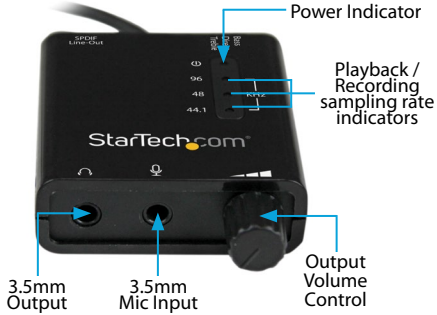
Product Diagram



Introduction

Add an SPDIF digital audio output and standard 3.5mm audio/microphone connections to your system through USB

Packaging Contents

- 1 x USB Stereo Audio Adapter
- 1 x Instruction Manual
- 1x Driver CD

System Requirements

- Available USB Port

Installation

Hardware Installation

1. Plug the USB connection into an available USB port on your desktop or laptop computer.
2. Windows® or Mac OS will automatically detect and install the necessary drivers.
3. Connect your desired device to either the 3.5mm Output, or the 3.5mm Line-out and SPDIF Combo jack

NOTE: The outputs on this device are not designed to be used simultaneously. If both the 3.5mm Output and the 3.5mm Line-out / SPDIF are connected, only the 3.5mm Output will be active.

4. (Optional) Adjust the Hardware EQ Switch as desired to one of the following positions
    - Bass – Bass Boost
    - Direct – Direct (no EQ change)
    - Treble – Treble Boost

NOTE: If you are not getting any sound input/output from the device upon connection, please verify your sound properties settings to ensure they are configured to use the USB audio adapter as the input/output device.

Software Installation (Windows only)

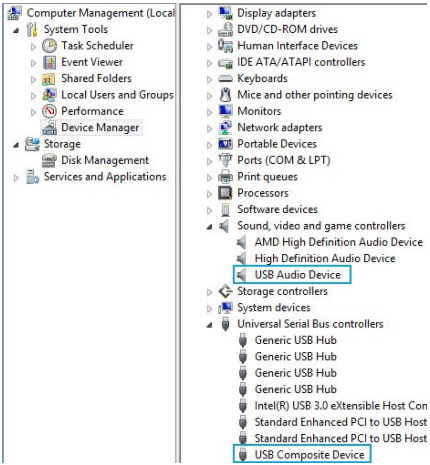
The USB sound card includes additional software for SPDIF AC3 audio pass-through. If your application requires 5.1 audio, this software will allow AC3 audio to be passed to an external 5.1 channel audio receiver through the SPDIF interface.

1. Insert the provided CD in to your DVD/CD-ROM drive.
2. Browse to the x:\VIA\VT1630-SPDIFPassThru folder and double-click the Setup.exe application.
3. Follow the on-screen instructions to complete the installation and restart if prompted to do so.

Verifying Installation

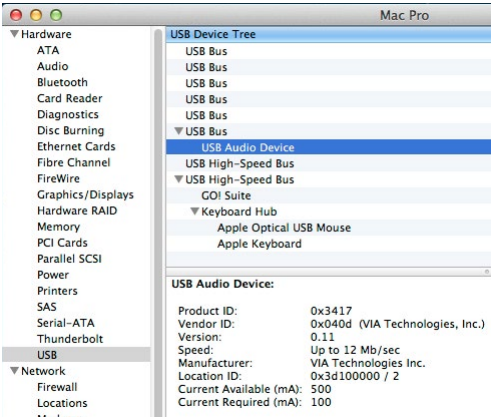
Windows

1. Open the Device Manager by right-clicking on Computer, and then select Manage. In the new Computer Management window, select Device Manager from the left window panel (For Windows 8, open the Control Panel and select Device Manager).
2. Expand the "Sound, video and game controllers" and "Universal Serial Bus controllers" sections. On a successful install, you should following devices in the list with no exclamation points or question marks.



Mac OS

1. Open the System Profiler by clicking the Apple symbol in the top left corner, selecting About this Mac, then select System Report
2. Expand the "Hardware" section and click "USB" in the left column. With the adapter connected, you should see the following device in the list.



Specifications

Host Interface	USB 2.0
Chipset	VIA - VT1630A
Connectors	2x 3.5mm Mini-Jack Female 1x 3.5mm / Mini-Toslink (SPDIF) Female 1x USB A Male
Audio Specifications	96KHz/24bit Hi-Fi USB Audio
Power Adapter	USB-Powered
Enclosure Material	Plastic
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	0°C to 70°C (32°F to 158°F)
Humidity	10~90% RH (Non-Condensing)
Dimensions	47 x 46 x 16 mm
Cable Length	405 mm
Weight	34g
Compatible Operating Systems	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64) Windows® Server 2008 R2, 2003(32/64) Mac OS 10.x (Tested up to 10.8) Linux

Technical Support

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For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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