

Features

- USB asynchronous audio
- ADAT 8x8 to USB interface
- Stereo Toslink up to 24/192

Technical

- USB Audio Class 2.0 interface
- 2ch in + out over Toslink (optical)
- 8ch in + out over ADAT (48k)
- Asynchronous USB audio
- 24bit Resolution I2S lines
- 44.1/48/88.2/96/176.4/192KHz
- Optical Receiver/Transmitter

OS compatibility

- Windows Theyson driver
- Mac OS X driverless
- Linux Alsa compliant

Power

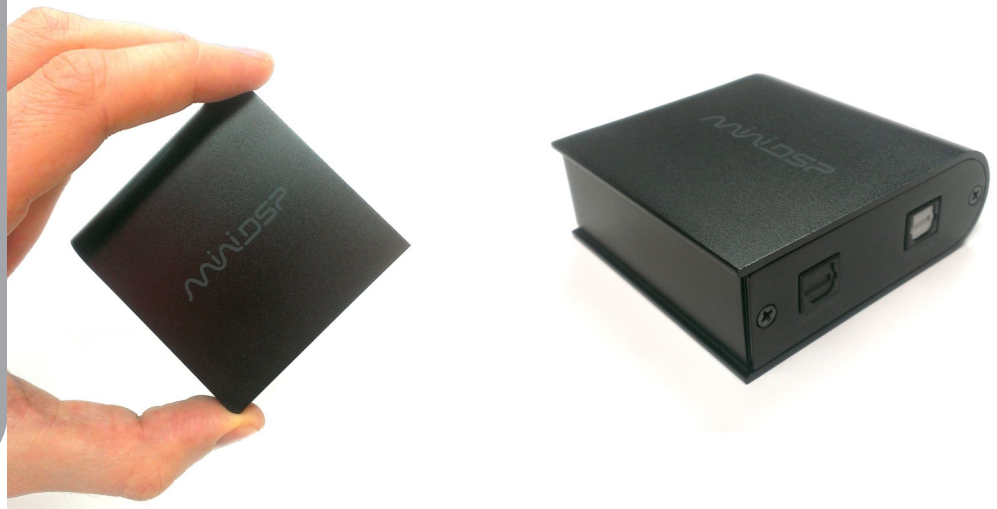
- USB Bus powered
- External DC supply header

Applications

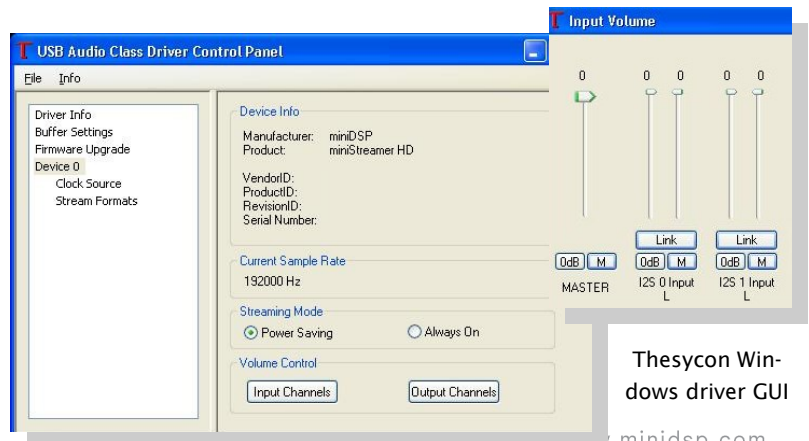
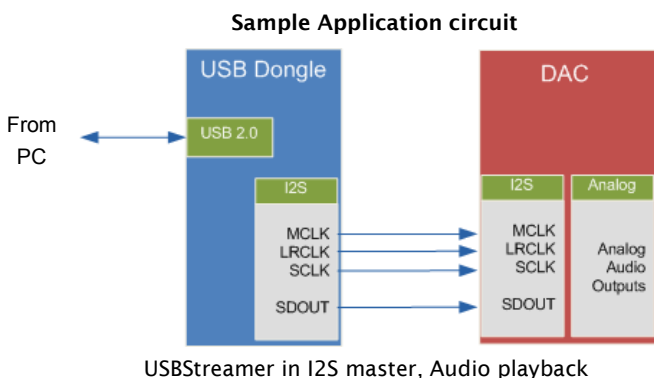
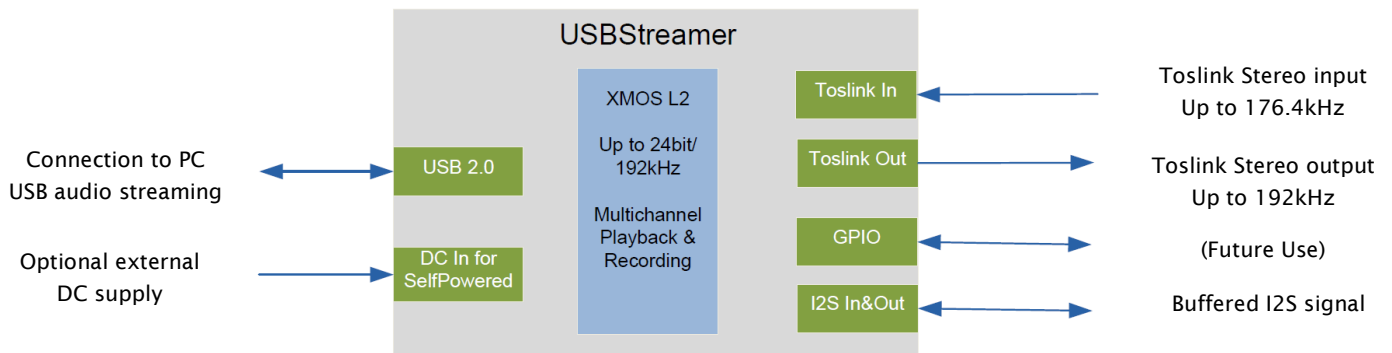
- Studio recording/playback
- Multichannel streaming
- Stereo USB TOSLINK interface

USBStreamer B is a miniature multi-channel USB to Toslink/ADAT audio interface. Packaged in a pocket sized aluminum enclosure, it is the perfect fit for stereo (Toslink) or multichannel (ADAT) audio streaming over USB.

The **USBStreamer B** utilizes high speed USB2.0 along with the Audio Class 2.0 implementation to simultaneously provide up to 8channels of playback & recording. The asynchronous USB transfer provides high quality performance. With an easy firmware upgrade, one can easily toggle the behavior of the optical transmitter from ADAT to Toslink. Finally, the device is plug&play thanks to native Mac OSX and Linux drivers (ALSA). For Windows platform, an ASIO/ WDM driver is available for download from our website.



SYSTEM DIAGRAM



TECHNICAL SPECIFICATIONS

Item	Description
USB Streaming engine	XMOS L2 core USB 2.0 full speed - USB Audio class 2.0 compliant
Capabilities	PLAYBACK: TOSLINK Stereo Mode up to 192kHz Multichannel ADAT mode: up to 8 channels at 48/44.1kHz Multichannel I2S mode: up to 8 channels RECORDING: TOSLINK Stereo Mode up to 192kHz Multichannel ADAT mode: up to 8 channels at 48/44.1kHz Multichannel I2S mode: up to 8 channels
Drivers	Driverless interface for Mac OS X v10.6.4 and up Thesycon Windows ASIO driver provided
Resolution	24bit support
Sample rate	Supported sample rate: 44.1/48/88.2/96/176.4/ 192kHz
Toslink input	Optical receiver / 26Mbps
Toslink output	Optical transmitter / 26Mbps
Enclosure	Aluminum, sand blasted, anodized
Power supply	USB powered
Dimensions (H x W x D) mm	24 x 64 x 67 mm

MECHANICAL DRAWINGS

