



ASI2214 - SOUND SLICE™ MULTISTREAM USB2.0 AUDIO PERIPHERAL

DESCRIPTION

The ASI2214 is a professional USB2.0 audio peripheral designed for use in the entertainment and broadcast markets.

The ASI2214 is capable of playing four mono/stereo streams to four stereo outputs and recording two mono/stereo input simultaneously over the USB 2.0 serial bus.

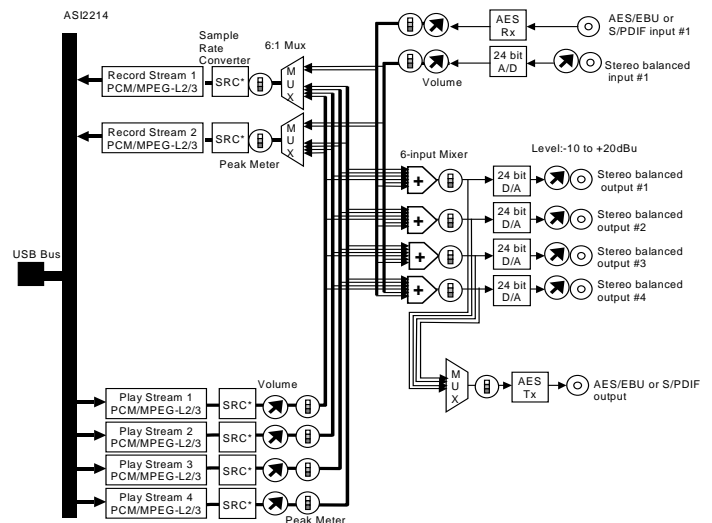
A choice of 16bit PCM, MPEG layer 2 and MP3 compression is available on all streams. A multi-rate digital mixer allows streams of different sample-rates and formats to be mixed for output.

The device is backwards compatible with a USB1.1 bus and may be run in full-speed (12Mbps) or high speed (480Mbps) modes. Note, USB 2.0 is required for full functionality.

The ASI2214 runs on Windows 2000 and Windows XP. It presents itself to the Windows audio subsystem as two waveIn devices, four waveOut devices and one mixer device. The DirectX API is also supported.

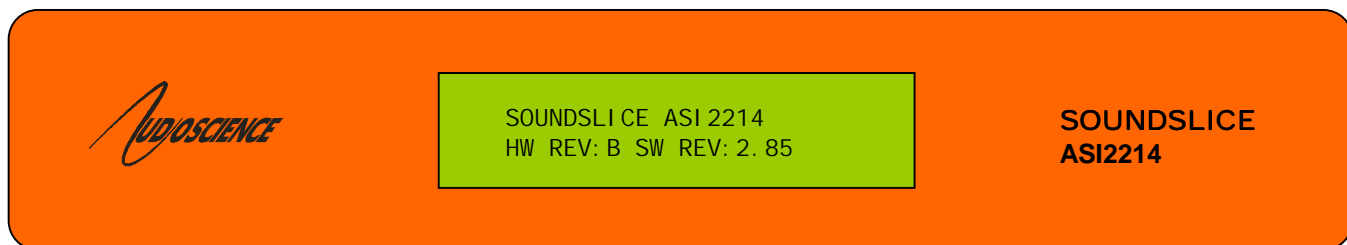
FEATURES

- USB 2.0 with USB 1.1 backwards compatibility.
- Four stereo streams of MPEG Layer2, MP3 or PCM playback into four stereo outputs
- Two stereo streams of MPEG Layer2, MP3 or PCM record.
- MRX™ technology supports digital mixing of multiple stream formats and sample rates.
- TSX™ time scaling allows compression/expansion of play streams by up to +/-20% with no pitch shift.
- Supports sample rates from 8kHz to 96kHz in PCM and from 32 to 48kHz in MPEG.
- Balanced analog input and outputs through 1/4" TRS jacks. Software adjustable levels: -10 to +20dBu.
- One AES/EBU or S/PDIF digital input and output
- 24bit analog-to-digital and digital-to-analog converters: 100dB SNR and 0.003% THD+N
- USB bulk mode transfers with built in error checking guarantee audio integrity.
- Windows 2000/XP software drivers available with Wave and DirectX support.

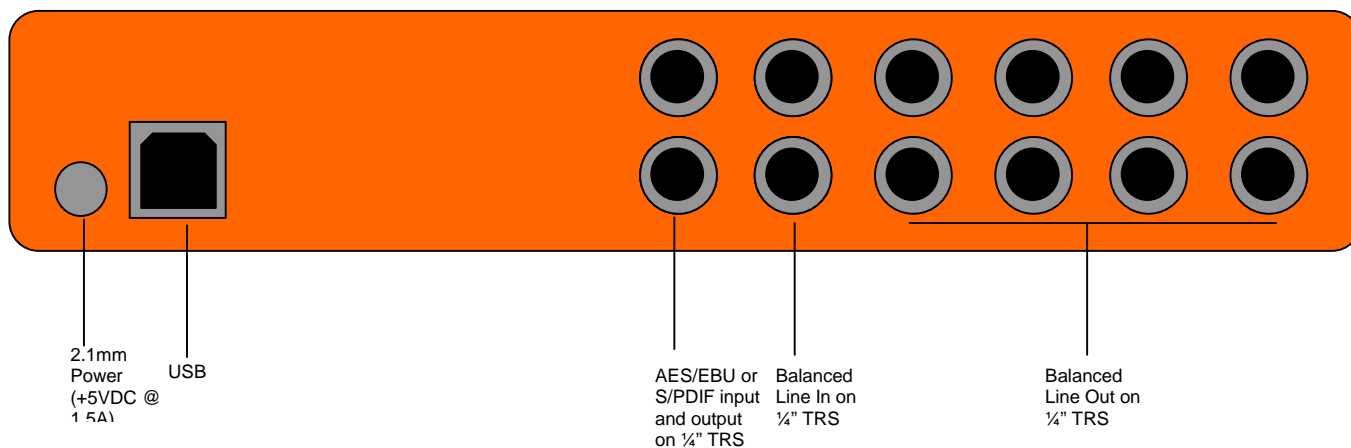


Physical Diagram

Front



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