

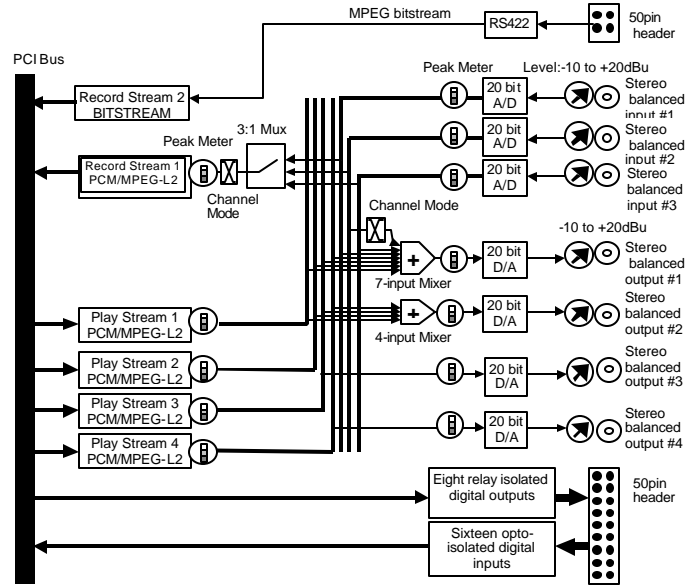
ASI4336

DIGITAL AUDIO ADAPTER

The AudioScience ASI4300 family of digital audio adapters enable cost-effective single-samplerate multi-stream recording and reproduction of MPEG Layer 2 digital audio on the PC platform. Utilising the 32bit PCI bus and the latest generation of 24bit DSPs from Motorola, these cards were designed to deliver the highest performance available to the broadcast industry.

FEATURES

- Four stereo streams of playback simultaneously, mixed to four stereo physical outputs
- One stereo stream of record selectable from 3 stereo feedthrough inputs.
- RS422 input for MPEG bitstream record from satellite receiver.
- Eight relay isolated digital outputs.
- Sixteen opto-isolated digital inputs.
- Formats include MPEG Layer 2 and 16bit PCM.
- Programmable global samplerate of 8 to 50kHz in 100Hz steps
- Four balanced stereo analog play outputs. Three balanced stereo analog inputs.
- Standard 50pin "Centronics" type connector for easy wiring.
- 20bit oversampling analog-to-digital and digital-to-analog converters. >90dB S/N and <0.005% THD+N.
- High speed 32bit PCI bus interface.
- 8MByte DRAM for on-board buffering.
- Automatic volume fade implemented by DSP for cross-fade and mixing effects.
- Upto four cards in one system.
- MPEG bitstreams contain visualisation information and are BWF, Digigram and Antex compatible.
- DOS, Windows 95/98, Windows NT and Linux software drivers available.



Analog I/O:
50pin Centronics Connector

1	28	LI0+
2	27	RI0+
3	28	LI1+
4	29	RI1+
5	30	LI2+
6	31	RI2+
7	32	-
8	33	-
9	34	RO3+
10	35	LO3+
11	36	RO2+
12	37	LO2+
13	38	RO1+
14	39	LO1+
15	40	RO0+
16	41	LO0+
17	42	-
18	43	-
19	44	-
20	45	-
21	46	-
22	47	-
23	48	-
24	49	-
25	50	GND

Relay, Optoisolator and RS422
I/O : 50pin 0.1" Header

1	2	RLY0-
3	4	RLY1-
5	6	RLY2-
7	8	RLY3-
9	10	RLY4-
11	12	RLY5-
13	14	RLY6-
15	16	RLY7-
17	18	OPT1
19	20	OPT2
21	22	OPT3
23	24	OPT4
25	26	OPT5
27	28	OPT6
29	30	OPT7
31	32	OPT8
33	34	OPT9
35	36	OPT10
37	38	OPT11
39	40	OPT12
41	42	OPT13
43	44	OPT14
45	46	OPT15
47	48	RS422DAT-
49	50	RS422CLK-
		VOPT

