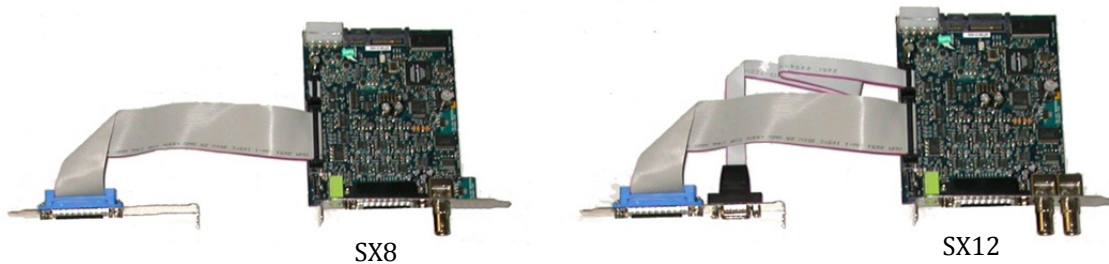# FAIRLIGHT

SX8/SX12V "Compact I/O"
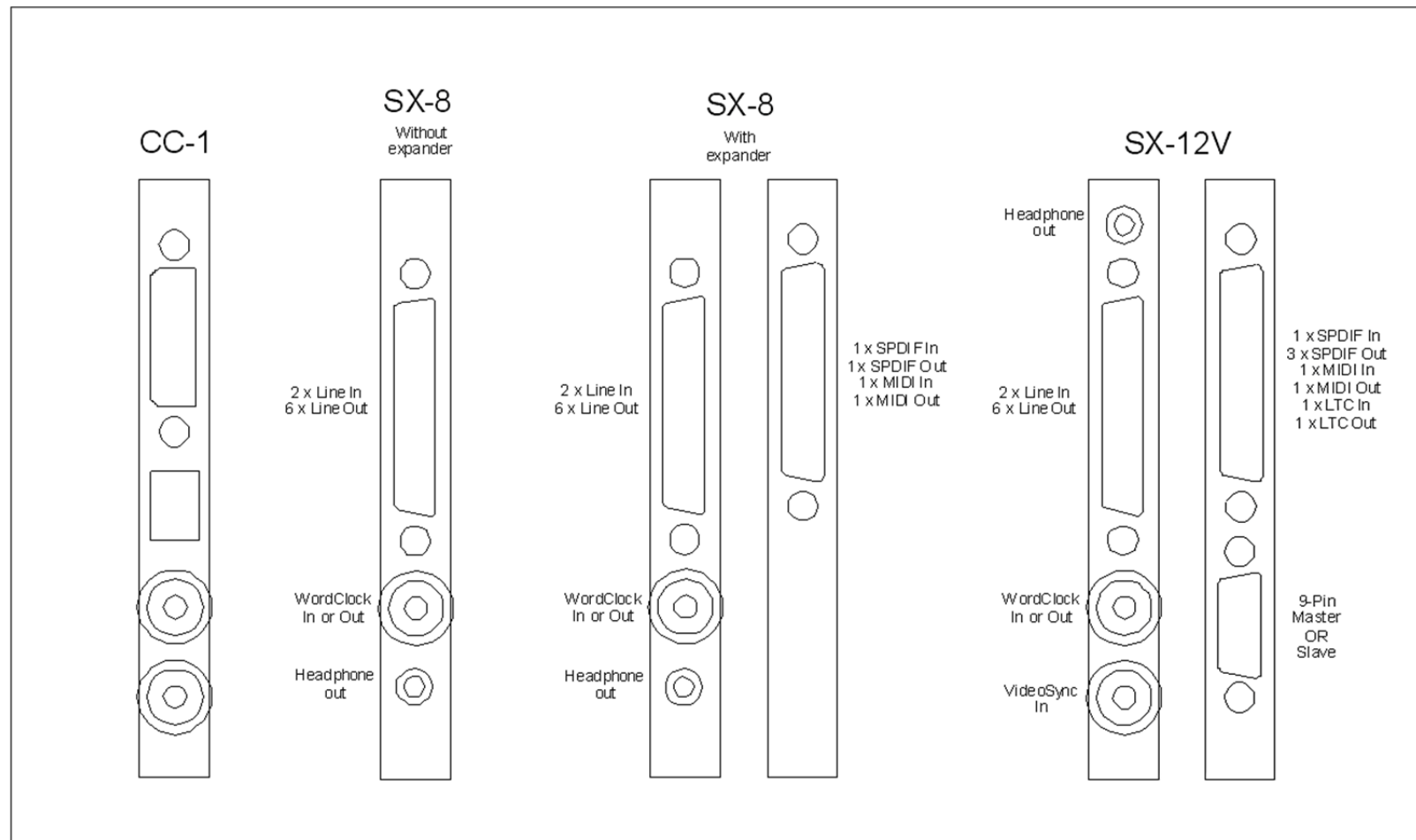
SX8/SX12V Description

The SX8 and SX12V units provide a **compact option** to the traditional SX20 interface box. With 6 analog outputs they are capable of providing the basis for a fully-functional 5.1 mixing suite. They are also a perfect solution for those users who are looking for a more compact CC-1 powered solution for project studios and mobile recording and editing systems. They both are presented as a standard PCIe form-factor card. They fit easily within any standard ATX Host PC chassis.

SX8

SX12

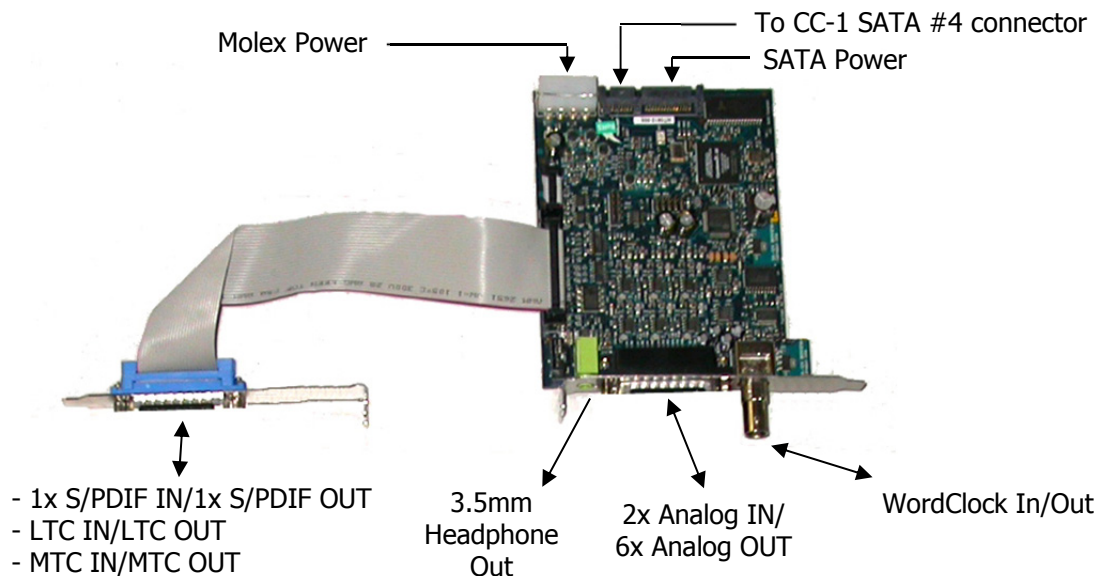| SX-series I/O Interface Feature Comparison		
	SX8	**SX12V**
Analog Inputs	2	2
Analog Outputs	6	6
S/PDIF Inputs	1*	1**
S/PDIF Outputs	1*	3**
Video Sync IN	-	Yes
WordClock Sync IN	Yes (1 x physical BNC, software switchable)	Yes (1 x physical BNC, software switchable)
WordClock Sync OUT		
Sony 9-pin Master	-	Yes (1 x Dsub 9-pin, software switchable)
Sony 9-pin Slave	-	
LTC IN	Yes*	Yes**
LTC OUT	Yes*	Yes**
MTC IN	Yes*	Yes**
MTC OUT	Yes*	Yes**
Headphone OUT (Analog Out 1/2)	Yes (3.5mm mini-jack)	Yes (3.5mm mini-jack)

* -   Requires supplied Digital Backplane and ***Optional*** AIOX104-A cable
** - Requires supplied Digital Backplane and ***Optional*** AIOX103-A cable

CC-1

SX-8
Without
expander

SX-8
With
expander

SX-12V

2 x Line In
6 x Line Out

WordClock
In or Out

Headphone
out

2 x Line In
6 x Line Out

1 x SPDIF In
1 x SPDIF Out
1 x MIDI In
1 x MIDI Out

WordClock
In or Out

Headphone
out

Headphone
out

2 x Line In
6 x Line Out

WordClock
In or Out

VideoSync
In

1 x SPDIF In
3 x SPDIF Out
1 x MIDI In
1 x MIDI Out
1 x LTC In
1 x LTC Out

9-Pin
Master
OR
Slave

The **SX8 backplane** provides 2 x Analog IN and 6 x Analog OUT connections on a Dsub25 connector. The SX8 backplane also provides access to the Wordclock Input/Output BNC connector, and the Headphone Output 3.5mm stereo minijack.

The SX8 is supplied with a secondary breakout backplane. This connects to the SX8 via an internal ribbon cable. This backplane provides access to the LTC, MTC, and S/PDIF I/O connections via a Dsub 25-pin connector. To break these signals out into RCA, 5-pin DIN, and BNC connectors requires the optional **AIOX104 -A** digital Breakout Loom.

Molex Power
To CC-1 SATA #4 connector
SATA Power

- 1x S/PDIF IN/1x S/PDIF OUT
- LTC IN/LTC OUT
- MTC IN/MTC OUT

3.5mm Headphone Out

2x Analog IN/ 6x Analog OUT

WordClock In/Out

The **SX12V backplane** provides 2 x Analog IN and 6 x Analog OUT connections on a Dsub25 connector. The SX12V backplane also provides access to the Video Sync IN, Wordclock Input/Output BNC connectors, and the Headphone Output 3.5mm stereo minijack.

The SX12V is supplied with a secondary breakout backplane. This connects to the SX8 via TWO internal ribbon cables. This backplane provides access to the LTC, MTC, and S/PDIF I/O connections via a Dsub 25-pin connector. To break these signals out into RCA, 5-pin DIN, and BNC connectors requires the optional **AIOX103-A** digital Breakout Loom. The Sony 9-pin control Dsub connector is also mounted on this secondary breakout backplane

Molex Power
To CC-1 SATA #4 connector
SATA Power

- 1x AES IN/3x S/PDIF OUT
- LTC IN/LTC OUT
- MTC IN/MTC OUT

Sony 9-pin In/Out

3.5mm Headphone Out

2x Analog IN/ 6x Analog OUT

WordClock In/Out

Video Sync In