

Solid State Logic

SOUND | | VISION

A Practical Sales Guide To the SSL Live Recorder series



What is it?:

SSL Live Recorder 128 and **Live Recorder MX-4** are **128 track recorders** that consists of a fully configured & soaked tested 1U PC fitted with a 128 channel SSL MADI Audio Interface. In addition there are 4 x front loading RAID bays pre fitted with two SSD drives for operating systems and two SSDs for audio configured as a RAID1. Installed on the computers is Soundscape V6.2 Recorder/Player software ready to go!

An SSL Live-Recorder system can capture and play back up to **128 Channels @ 24bit/48kHz** or **64 Channels @ 24bit/96kHz**. SSL's Live Recorders can exports/imports native projects directly to/from Pro Tools™(.ptf format), Apple™ XML and Steinberg™ XML. System connectivity is via standard dual optical MADI so you can connect over long distances directly to any MADI equipped digital mixing console, venue audio distribution infrastructure (Riedel, Optocore etc), routers or SSL's I/O units. Live-Recorder supports MTC and MMC via MIDI over Ethernet (or any other MTC/MMC capable USB Synchronizer or Midi Interface) for external system transport control and can sync via MADI or Word Clock (via BNC). The Soundscape software features advanced crash recovery routines which will retrieve incomplete audio recordings on reboot after a host system catastrophic failure such as sudden power loss.

There are two different Live-Recorder hardware configurations available:

Live-Recorder MX-4 is an up to 128 channel recorder utilizing an SSL MX-4 2x64 channel MADI I/O interface. It provides a versatile, open architecture DSP powered software mixer which allows anything from simple individual track or stereo sum monitoring to sophisticated multi feed and 5.1 monitoring. MX-4 offers high quality in the box summing and includes SSL EQ & Dynamics and Bus Compressor plug-ins, making it a highly capable mixing and editing solution. Specifying a Live-Recorder MX-4 with an SSL Alpha-Link audio converter provides local headphone, analogue I/O and digital I/O connectivity.

Live Recorder 128 is a stripped down system designed for environments where confidence monitoring is not required. It utilizes an SSL MadiXtreme 2x64 channel MADI I/O interface for direct optical MADI connection to consoles, routers etc.

Who is the customer?:

- Live performance Recording.
- Sound check playback.
- TV and Radio broadcast recorder
- Radio and TV digital mixer (w/Liver Recorder MX-4 and optional Nucleus controller).
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When is it shipping?: NOW!

How Much Does it cost?:

Live Recorder 128 MSRP \$6149.00

Live Recorder MX-4 MSRP \$6899.00

Key Features

- Live and Broadcast Production DAW Recorder / Player
- Exports directly to ProTools® (8 & 9), Cubase/Nuendo, Final Cut and Samplitude/Sequoia
- Combination of DAW Recorder/Player software, MADI audio interface and host PC
- Connects directly to any optical MADI equipped device; Console, Router, etc
- 128 channel (2 x 64 ch I/O) optical MADI connectivity
- 128Ch@24bit/48kHz or 64Ch@24bit/96kHz recording
- Supports MTC and MMC Sync/Remote via MIDI interfaces or MIDI over Ethernet
- Unique crash recovery features
- Ultra stable software with exemplary SSL recording quality
- Live-Recorder MX4 includes versatile DSP powered software mixer & processing

- Add SSL Alpha-Link converters to Live-Recorder MX4 for local I/O & confidence monitoring
- Live-Recorder 128 option for environments where routing & monitoring is controlled upstream by a console or router

Additional details:

- [Live Recorder Cut Sheet](#)
- [Live Recorder Quick Start Guide](#)
- [Soundscape DAW Software](#)
- [MX-4 Card](#)
- [MadiXtreme 128](#)

The Live-Recorder PC

The Live-Recorder PC has been specified by SSL and developed in association with key hardware partners in Europe and the US. Each machine is housed in an ultra quiet front cooling 1U chassis with 4 x drive SSD RAID array as standard. These machines are built to very high industrial standards using proven components and are extremely robust.

Front View



Rear View



Technical Specification

Chassis:	Compact High-End 19" 1U rackmount chassis
	Colour - black
	4x lockable hotswap drive bays for solid state drives (SSDs)
Operating system:	Windows 7 Professional 64Bit (preinstalled, optimised)
Processor:	Intel Quad Core Processor (Base: 2.3GHz, Turbo: 3.3GHz)
RAM:	8GB qualified High-Performance Memory (DDR3, 1333MHz)
Connections:	2x MADI optical I/O
	1x Wordclock Input or Output
	6x USB 2.0 (4x rear, 2x front)
	2x USB 3.0
	2x eSATA
	Gbit LAN
Display outputs:	1x DVI-D, 1x DVI-I, 1x Displayport
Expansion:	1 x PCI-Express 2.0 x16 (occupied by MADI-Interface)
Power supply:	Internal 80+ Bronze certified (AC 110~240V auto-switching)
Size & weight:	Height - 43.9 mm
	Width - 482.6 mm

SSD Configuration

Equipped with extremely fast and reliable Solid State Drives. SSDs offer a clear advantage over hard drives: Highest data transfer rates and ultra-low access times. No mechanical components are used making SSDs very reliable and suitable for high vibration (heavy bass) environments.

System drives:	2 x 64GB high-performance solid state drive
	256MB Cache
	SATA 6Gb/s
	Preconfigured as RAID-1 Array for maximum data security
Recording drives:	2 x 256GB high-performance solid state drive
	256MB Cache
	SATA 6Gb/s
	Preconfigured as RAID-1 Array for maximum data security