

C200 HD. Music Production.



The in-line digital production
console for music

C200 HD. This is SSL.

Solid State Logic
S O U N D | | V I S I O N

Hardware Options

5.1 Creation tools

C200 HD's in-line architecture and choice of multi-form bussing configurations present a powerful range of signal flow options.

The 12 x 8 Main Mix matrix produces simultaneous 5.1 and stereo delivery outputs. The 5.1 output features a multi-channel master compressor; the stereo downmix provides programmable crosspoints and contribution levels. Full support is provided for Dolby or DTS encoders/decoders with 6-channel and stereo insert points in both the final output and monitoring chains. With two 12-way external monitor selectors summing up to six multi-format returns, the console provides comprehensive 5.1 and stereo monitoring.

UltiPan™ interface

SSL's revolutionary UltiPan™ interface provides exciting new ways of controlling panning across multi-channel outputs from the console's trackball and on-screen interface.

X/Y Pan enables joystick-style panning in the X/Y domain, either freehand or using a number of constrained modes to allow dynamic panning of signals across specific soundscape axes.

ThetaPan™ elegantly spreads a point source across adjacent speakers without requiring multiple complex divergence controls, and enables signals to be passed throughout the boundaries of the soundfield in a circular motion.



Essential Production Features

Flexible frame configurations provide extensive mixing capacity from a compact control surface

- Virtual Bays access all processing channels by swapping 'hidden' channels into the sweet spot master bay.
- Frame customisation options enable DAWs to be housed within the console frame for an ergonomic mixing/editing solution.

Integrated machine control removes the need for an external synchroniser system

- 4-port machine control system with advanced control and offset options.
- Dedicated timecode memories provide fast autolocation to any point in the scene.
- Trackball, keyboard and video switching from console to DAW enables the operator to move seamlessly between mixing and editing operations.

Scene-based automation, designed for mixing to picture

- Non-linear dynamic automation enables the operator to write moves at any speed.

Streamlined workflow

Comprehensive project management enables console configurations, including mixes, to be saved and recalled in seconds. Data may be transferred directly between consoles enabling projects to move between rooms within a facility.

The optional NetBridge interface provides a secure gateway between the proprietary SSL Network and any TCP/IP Network (e.g. the Internet). This allows operators to log-in and transfer Project files to and from SSL's central file server, for shared, worldwide access.

SSL dynamic automation

The C200 HD's dynamic automation is a refinement of over 25 years' experience in music and post-production mixing. Familiar mix statuses such as Absolute, Trim, Snap, Autoglide and Autotakeover make writing fader updates fast and fluent. For controls, choose modes such as 'Cycle Fill' for writing scene-based static positions. Or, create dynamic moves at any speed using the C200 HD's non-linear timeline. Short-cut tools, such as Join, provide easy ways of dropping in auditioned settings from the start of a song section. While off-line mix tools, such as the Automation Editor, enables mixes to be cut, copied, moved or joined.

On-line mix compare

Mix compare allows mix passes in RAM to be auditioned 'on the fly'. This could be used to A/B different EQ settings or even switch between separate 5.1 and Stereo mixes while in Play.

MIDI effects control

In the centre section, all master audio controls, plus up to 16 channels of MIDI program changes and controller values, may be automated. This allows outboard effects devices to be connected to the MIDI Out from the Centuri core, and automated from the C200 HD's assignable control panel in the centre section.

- Join allows you to easily rehearse and write settings for a scene.
- Off-line editing functions provide tools for dealing with scene re-ordering or removal.
- Project re-configuration enables mixes to be switched in seconds.

Multi-format channels, bussing and monitoring for multi-stem applications

- Parameter linking across multiple channels allows processing to be applied simultaneously across all legs of a multi-channel source. e.g. 5.1 stem.
- Unique PanPoint™ operation provides precise surround panning control.
- 5.1 and stereo monitoring system, with external source summing to combine Music, Dialogue and Effects stems.

Variable sample rate support provides operation at pull-up or pull-down frequencies

- Operate at 44.1kHz, 48kHz, 88.2kHz or 96kHz, or any 0.1% pull-up/pull-down derivative.
- All digital I/O are fitted with 24-bit sample rate conversion to handle multiple sample rates.

Underdog Entertainment, USA



"The final word on the C200 HD is that we can be more productive. We produce a giant amount of work on a daily basis and the C200 HD helps us manage our workflow. Also, anything that you hear and think of in your head, mix-wise, you can get off the board and that's what I love. The C200 HD is our path for the future."

Harvey Mason Jr. - Underdog Entertainment.

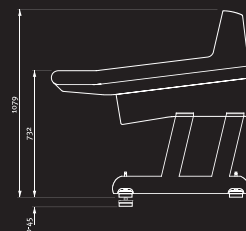
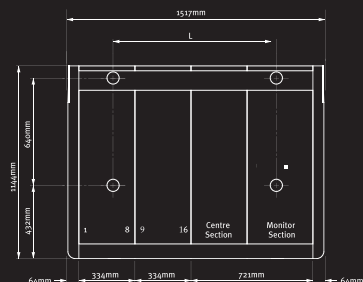
BiCoastal Studios, USA



"The C200 HD is very dynamic, the EQ, the surround panning, the raw DSP power is impressive and we really like the instant reset ability. The ability to go from tune to tune quickly is a wonderful support for the creative process. I can put a project away and know that it's going to come back the same exact way the next time I bring it up." Hal Winer - BiCoastal Studios.

Physical and Environmental Specification

Max Height	1124mm (44.25")
Max Width (see diagram)	
Each channel bay adds	334mm (13.15")
End trim adds	128mm (5.04")
Max Depth	1144mm (45.04")
Height Adjustment	±22.5mm (±0.9")
Weight (48 channels)	~354kg (~780lbs)
Each (inc. centre)	~40kg (~88lbs)
Legs add	~33kg (~73lbs)
Power (40ch with 100-240V AC)	<1.2kW
Continuous (dependent on frame size)	
Cooling Method	Convection (silent)



Solid State Logic

International HQ: Begbroke, Oxford, England OX5 1RU · Tel +44 (0)1865 842300 · Email sales@solid-state-logic.com

France: 7 bis de la Victoire, 93150 Le Blanc Mesnil, France · Tel +33 (0)1 48 67 84 85 · Email frsales@solid-state-logic.com

Italy: Via Timavo 34, 20124 Milano, Italy · Tel +39 0392 328094 · Email itasales@solid-state-logic.com

New York: 320 West 46th Street, New York, NY 10036 · Tel +1 212 315 1111 · Email nysales@solid-state-logic.com

Los Angeles: 5757 Wilshire Boulevard Suite 401, LA, CA 90036 · Tel +1 323 549 9090 · Email lasales@solid-state-logic.com

Japan: 3-55-14 Sendagaya, Shibuya-Ku, Tokyo 151-0051 · Tel +81 (0)3 5474 1144 · Email jpsales@solid-state-logic.com

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