



From independent facilities to major film sound stages, Solid State Logic's C300 HD Master Studio System delivers an unbeatable combination of enhanced productivity, secure performance and operator-friendly design.

Wildfire

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25 years of excellence in post

With more than three thousand SSL-equipped studios and facilities operational today, SSL is universally recognised for sonic excellence, superb ergonomics, outstanding workflow insight and an international support infrastructure second to none.

Founded in 1969, the key to the company's long success lies in its attention to detail and constant drive to exceed our clients' requirements, listening to their developing needs and responding. Powerful and innovative proprietary technology is used to create dedicated solutions for the recording and manipulation of sound in highly demanding environments. In conditions where sonic purity cannot be compromised against the inevitable demands of high workloads, and where dauntingly inflexible deadlines are accepted as the norm, SSL equipment is synonymous with reliability and excellence, with sophisticated software and robust hardware ensuring years of trouble-free operation.

SSL's involvement in post production stretches back to 1980 when the BBC took delivery of some of the earliest 'E' Series SL 4000 consoles. In the mid-1980s the SL 6000, specifically designed to meet the needs of the broadcast and video industries, became a firm favourite in the post production environment. US network NBC bought their first SL6000 for their New York studios in 1984 and seven years later they had amassed twenty one. To meet the demands of larger productions SSL developed the SL 5000 Film Production System. This quickly became a major force in Hollywood, with some of SSL's largest consoles being shipped to Skywalker, Disney, Todd-AO, Warner Bro's and many others.

In the late eighties and early nineties SSL led the field in digital audio post production with a succession of revolutionary products, illustrating the company's forward thinking and leading edge development. Hard disk recording and editing, digital video, networking and

digital surround mixing were the features that led SSL's Scenaria and Omnimix systems to revolutionise post production.

Later, with the increase in use of desktop editing systems, SSL concentrated on providing powerful, hands-on mixing solutions for complex surround TV productions, heralding the development of HDTV with products such as the Avant post production console.

2002 saw the launch of the current C Series digital consoles, encompassing next-generation processing technology. Launched in 2005, C300 HD, our most comprehensive post production solution to date, draws on decades of experience to deliver a fully-integrated solution for the post production and film environment.

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SSL C300 HD Master Studio System



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The perfect mix of power and control

The C300 HD is the perfect nerve centre for commercial dubbing and post facilities. It combines the unrivalled audio fidelity & processing of an SSL digital audio console, comprehensive multi format monitoring, multi system machine control and a highly evolved hardware surface that seamlessly integrates hands-on control of the consoles internal audio path and multiple Digital Audio Workstations.

With unrivalled DSP flexibility, C300 HD offers over 500 mix inputs, 80 mix busses and true multi-operator capability from a single processing core. C300 HD is a truly integrated control and processing solution that will make your facility more efficient.

HD Post Production

The commercial success of HDTV and Home Theatre Surround systems, together with the availability of high quality broadcast HD programming and HD DVD formats, mandates a radical new approach to Audio Post Production. The universal consumer adoption of 7.1 playback systems with independently addressable side and rear speaker pairs, means that HD sound will eventually need to be mixed natively for this format and that current methodology of utilising an analogue matrix to synthesise a mono rear signal from the existing 5.1 stereo surround information will not remain acceptable in the long term. C300 HD provides the tools required to support these latest developments and more.

Modern workflow

The C300 HD delivers significant time savings in the critical mixing stage of a project, offering increased workflow and true cost efficiency, particularly when compared to the compromised quality and throughput imposed by semi-pro audio editing equipment, which cannot provide the non-linear multi-input automation, superior sonics, and integration advantages of a professional solution.

Affordably priced, the C300 HD provides the features vital to commercial film and post production, while allowing tailored scaling of all parts in order to meet operational and budgetary demands. Future accommodation is through a clear upgrade path, ensuring a long and productive working life.

Totally integrated productivity

C300 HD elegantly combines crucial elements of the mixing process in the console itself. This 'Master Studio System' concept saves the studio time and money, removing the laborious and costly process of buying and attempting to integrate suitable mix automation, control surface, machine control and monitoring systems. Providing simultaneous processing and mixing inside the console and multiple DAW control, the C300 HD offers the best of both worlds.

Easy, intuitive operation

Even the most infrequent user will be up to speed quickly on the C300 HD's clear and intuitive work surface, with knob-per-function control of all parameters, high-resolution TFTs displaying routing and processing, and a central touchscreen for configuration control. Rapid access and overview of complex mixes are made possible by user-customised channel layouts, 7.1 surround input channels, advanced parameter linking and an innovative scroll function that permits access to hundreds of signal paths from as few as eight faders.

Fast, flexible reconfiguration

At the heart of a C300 HD system lies the Centuri core, designed to assist fast-changing post sessions with on-the-fly redistribution of console channels, busses, audio processing and control surface resource – without any reboot or offline editing.

Unrivalled sonic performance

SSL's acclaimed sonic signature is assured in the C300 HD by proprietary 40-bit floating-point algorithms, providing emulation of classic analogue circuits in powerful audio processing tools.

World class automation

SSL's TimeFreeze™ automation system is unique in its non-linear read/write capability, allowing both slow-motion mixing for complex scenes and fast cue-by-cue alteration of parameter values. Automating many different items in different modes within a single pass provides the high level of parallel work – and resultant efficiency – essential in today's time-critical mixing environments.

Modular, scalable construction

C300 HD's modular construction offers configurations suitable for use in independent facilities, right through to major film sound stages. Consisting of two parts, the C300 HD console provides the user interface while the compact Centuri core contains SSL's proprietary industrial computer and the modular DSP with I/O cards in a single chassis.

