System T V3.0

Next generation AoIP routing, management and security for broadcast audio production

Solid State Logic
OXFORD • ENGLAND

System T – Next generation AoIP routing, management and security for broadcast audio production

The latest V3.0 release from Solid State Logic addresses many of the ongoing IP and security challenges within modern audio production. With expanded AoIP integration providing direct console routing control for ST2110-30 and AES67 streams, and a major embedded operating system upgrade, broadcasters can embrace remote production and increased IP expansion and connectivity with confidence.

The V3.0 release provides new functionality across the whole System T console range, including the S500, S500m, S300 and TCR. It builds on previous enhancements, including NGA and immersive audio, DAW control and dynamic automation aimed at entertainment programming and events.

AoIP – Total integration and control

SSL System T provides the most advanced AoIP integration of any audio console, supporting Dante, AES67 and ST 2110 on the same hardware interfaces, with full discovery and dynamic routing of any Dante enabled devices directly from the console GUI. V3.0 software further enhances true IP integration, with visibility and routing of ST 2110-30 or AES67 RTP (Real-time Transport Protocol) streams from the console GUI.

AoIP routing is available using standards and widely adopted technology, presented to the user as audio channels, not IP addresses. Inbuilt connection management and audio shuffling provides mono routing capabilities, plus logical device configuration, to easily manage bundled audio signals and provide searchability.

Route signals into the console when you need them, dynamically using the AoIP interfaces on the DSP engine efficiently, with true resource sharing. IP routes are recalled with the showfile and removed when the showfile is unloaded or the console is turned off. The console is your routing control system for AoIP of any variety.

Peace of mind – in facility or remote

SSL shows further commitment for true next generation broadcast equipment with a major update to the embedded operating system on System T, future-proofing your investment and keeping your facility secure. From its inception, SSL's System T was developed to embrace the future thinking of broadcast technology across IT systems.

System T control surfaces and TCRs run embedded Windows to provide a mission critical platform with an advanced feature set, driven by agile development tools and flexible integration. For broadcasters, the advantages of reduced development cycles and advanced feature deployment are significant. System T V3.0 migrates to Windows 10 Embedded, from Windows 7 Embedded. Transitioning to Windows 10 allows continued updates, including Microsoft's latest security additions, plus additional future console features layered above the embedded OS.

From V3.0, System T fully supports running TeamViewer directly onboard the consoles for remote access, enabling remote support, configuration and at-home control as if you were sat directly in front of the console. Working from anywhere in the world with a standard internet connection, you can directly access the console and all software control features via any computer or touchscreen device.

Production tools for pristine audio

The presets feature for channel and bus paths has been completely overhauled. Multiple processing blocks can now be stored and recalled at the same time. Uniquely for a broadcast console, filters allow the user to selectively choose which processing block is stored, ensuring only the processing they have intentionally saved is recalled whenever that preset is loaded. Recall filters allow further granularity across what is, and what is not recalled, when loading a preset.
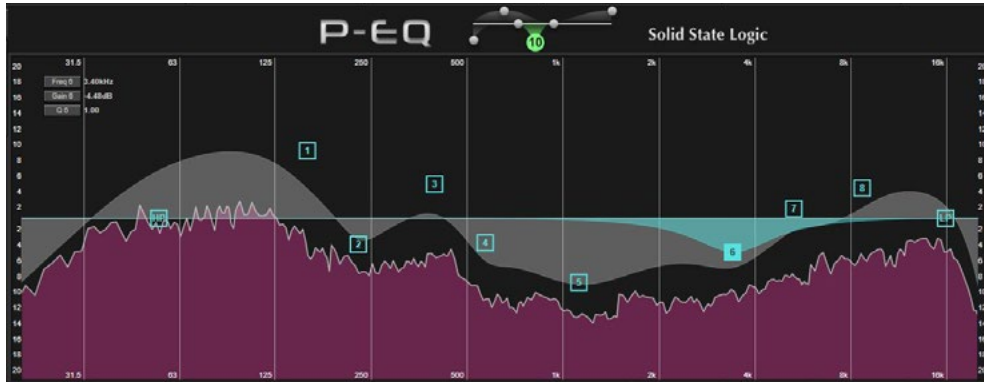
A Fast Setup feature has been added to the Path Link popout, allowing multiple parameters of many paths to be set from a single GUI. Console wide changes can quickly be made to all channels, busses, or a selective smaller subset. V3.0 adds an assignable GUI user key popout providing 16 additional user keys across all hardware and software System T controllers, providing direct control of functions and navigation commands from the main screen.
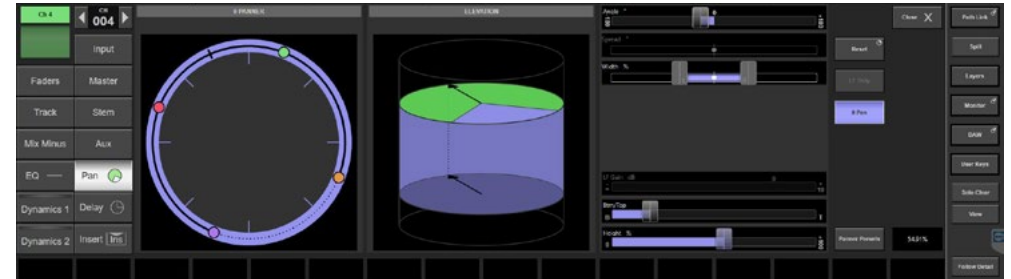
Visual audio tools

System T's onboard Effects Rack is further enhanced in V3.0 including a new reverb with degenerative noise controls, a 10-band parametric EQ with FFT overlay, plus enhancements to the legendary SSL Bus Compressor.

The 3D ThetaPan™ GUI gains additional intuitive width visualisations.

Effects Rack tools such as Phase Scope and Spectra-lyser FFT can now be displayed on the S500 meterbridge.

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