Solid State Logic

OXFORD • ENGLAND

ORIGIN Series | Analogue in-line consoles

This is our ORIGIN

As the latest in a long heritage of SSL studio mixing consoles, the ORIGIN Series places traditional analogue studio workflow at its heart while providing the perfect partner for a modern, DAW-driven 'hybrid' production studio.

Its classic design looks back to the origin of in-line consoles for signal-flow inspiration, incorporating cutting-edge analogue developments to deliver a unique sonic signature that remains unmistakably SSL.

The ORIGIN Series is more than the culmination of four decades of technical innovation. With our deep knowledge of workflow and studio integration, we understand that a console must offer the immediacy and carefully executed ergonomics that inspire and engage a modern studio environment.

ORIGIN achieves this and more, leading the way with a fresh perspective on how an analogue console complements the latest digital tools and production techniques.
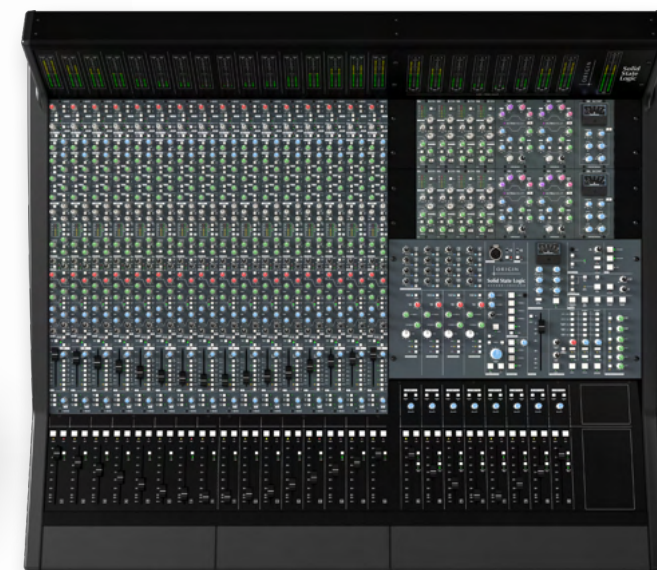
ORIGIN

The 4K Legacy EVOLVED

Carrying forward the legacy of the iconic 4000 Series console, ORIGIN reignites the 4K lineage, with ORIGIN EVO taking it even further.

Delivering an in-line console with the unmistakable SSL sound engineers know and love, ORIGIN EVO adds an authentic E Series dynamics section on every channel, faithfully recreated with original-spec circuitry and components to capture the true 4000 E character, plus a sweepable low-pass filter (LPF) for enhanced tone-shaping capabilities.

Both ORIGIN Series consoles bring a purely analogue SSL studio console within reach of a wide range of production room sizes, providing powerful tools for managing complex studio workflows and maximising the efficiency of modern, workstation-driven production processes.

ORIGIN
EVO

ORIGIN Series – Next generation analogue studio console

The legendary SSL consoles of the '70s and '80s helped define studio production. The ORIGIN Series takes these principles and combines them with a modern feature set that bridges the gap between digital production and analogue console workflow.

A purely analogue in-line design with 16+2 buses, E-Series EQ, and the classic SSL Bus Compressor, ORIGIN breathes new life into a design icon across the entire console. The new PureDrive™ mic pre inherits the clarity and purity of previous SSL mic pre designs, with the added ability to switch character to a warm, harmonically rich, driven tone that evolves with mic pre gain.

The new mix bus and mix amp architecture deliver an impressively low noise floor and huge headroom. The result is a mix bus that retains the classic SSL sound while adding the breadth and space to mixes that engineers and producers value from analogue summing. Balanced insert points per channel path (both large and small fader), dedicated channel direct outputs, stem-ready 0 dB fader bypass switches, and a new configurable centre section make the ORIGIN Series an ideal way to bring console workflow into a modern production studio.

The adjustable centre section features 12U of rack space, allowing the modular 6U master tile to be repositioned to create room for software controllers, a computer keyboard, or additional outboard processing. The meter bridge can also be lowered into the centre section, enabling a screen to be placed exactly where you need it.

ORIGIN EVO delivers all the capabilities of the original ORIGIN console while adding SSL's iconic E Series dynamics to every channel, a defining hallmark of the classic '80s SSL sound. EVO provides punchy, aggressive compression and lightning-fast gating, meticulously recreated using original-spec circuitry and components to capture the unmistakable character of the 4000 E.

ORIGIN Series Master Control

The master control section is the heart of console, designed with easily accessible features and tools needed for fast and creative session flow.

1 Bus masters trim and routing

ORIGIN features sixteen ±10dB trims for the track buses, with routing assign switches for each bus.

2 Talkback and listen mic

The top of the centre section features an XLR input for a talkback mic, with level trims and +48V switches for both the talkback and rear panel Listen Mic Input.

3 Bus compressor, oscillator and sleep

Classic SSL Bus Compressor with sidechain access and HP filter. The 400Hz internal oscillator has an additional switched 3.5mm jack external input, a level trim plus To Mix and To Buses switches. The unique Auto Sleep mode enables automatic detection of prolonged inactivity to put the console in stand-by, reducing power consumption and making ORIGIN significantly more effcient than legacy SSL consoles.

3 Solo master and meters

Comprehensive Solo controls provide choice of Solo-In-Front with Mix Balance, Solo-In-Place for Large, Small & Group Faders and PFL options. Solo Level, Solo Clear and Red Light Switch complete the available options. Peak Hold Selection plus Peak Clear for all console LED Meters. Mix Meter Follow Monitor Source option increases main mix meter flexibility. Independent DIM controls for Channel and Monitor Inputs to reduce meter distractions in busy sessions.

4 Stereo returns

Four Stereo Return Inputs provide the ability to route to Mix and Track Buses, with level-controlled feeds to Stereo Foldback Outputs A & B.

5 Monitor source, select and levels

The monitoring section features independent Trims for Alternate Monitors 1 & 2, variable DIM level, MONO plus Left & Right MUTES and øL polarity switch. You can select your monitor source from the main mix, three external stereo sources or a front panel stereo 3.5mm jack input, with a Sum switch allowing selected sources to be listened to simultaneously. The monitor speaker selector allows you to choose between the Main monitors plus two Alternate monitor sets, plus headphones with level control (under console armrest).

6 Mix bus, communications and masters

The mix bus features a high-quality 100mm fader, with fully balanced switched Insert for external bus processing. There are Master Talkback and Listen controls, while a matrix of sources and outputs manage communications and foldback to studio floor and artists, with Listen To Talkback feature providing a simple way for artist-to-artist communication. Cues and Aux Masters feature output trims and AFL switches for Stereo Cue A & B buses plus mono Aux Buses 1 to 4.

**Stockholm Royal College of Music
Sweden**

"It's a great console for students to learn on because of its easy to understand layout."

Jan-Olof Gullö
Professor, Music and Media Production

ORIGIN Series Channel Strip

The in-line structure delivers the twin paths needed for recording to and summing from a workstation, with simple path-routing indication and fast push button access to alter signal flow. Both ORIGIN and ORIGIN EVO offer a versatile feature set, with ORIGIN EVO adding E-Series Dynamics and a Low-Pass Filter.
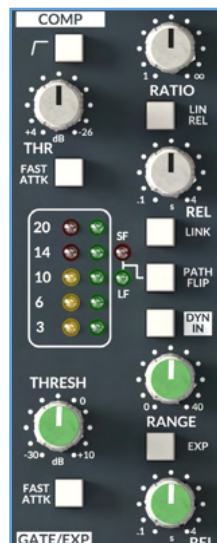
Channel and Monitor Inputs and Direct Output

Channel Input typically feeds Small Fader path for recording, with versatile switchable Mic/ Line pre-amp with Gain, 48V and Polarity Invert.

Line Level Monitor Input with Gain Trim, typically feeds the Large Fader and is used with discrete DAW feeds for analogue summing or record signal monitoring.

Channel Direct Output helps print post fader paths to a DAW to create Mix Stems.

Two Stereo Cue feeds with level and pan provide foldback mixes, with four mono Aux buses with level control to feed mixes to external effects or create mono parallel mixes.

E Series Channel Dynamics*

Faithfully recreated with original-spec circuitry and components to deliver the authentic 4000 E character.

Flexible controls let you bypass the soft-knee curve, engage fast attack, and select logarithmic or linear release – providing three distinctive compression characteristics.

Each compressor includes a LINK function, feeding the sidechain signal to the adjacent channels, allowing multiple consecutive channels to be linked together. ORIGIN EVO's dynamics section features a true RMS sidechain detector and an all-discrete gain-reduction stage, identical to the Class-A VCA chip used in the original console.

4-band parametric channel EQ

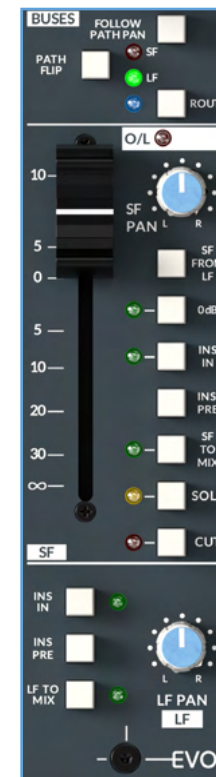Acclaimed SSL E-Series four-band parametric channel EQ, with variable Cut/ Boost per band.

HF and LF bands have Bell switches to change from shelving curves to bell curves for additional EQ sculpting.

ORIGIN also features a sweepable HPF for swift tone shaping.

Large and small fader

Features a balanced Insert Point per Large Fader and Small Fader path.

The small fader control consists of a 60mm high quality audio fader, plus Pan with centre detent, while a 0dB switch bypasses fader to set unity gain. Small Fader path also features Solo and Cut.

100mm high quality audio fader (not shown) on the Large Fader path, with independant Pan, Solo, Cut and 0dB switch.

ORIGIN EVO adds a 12dB/octave low-pass filter to ORIGIN's existing 18dB/octave high-pass filter, providing enhanced tonal shaping options.

Both filters can be switched to the dynamics sidechain, allowing precise control over frequency response – ideal for gating drums or triggering the compressor with a tighter focus for tasks such as de-essing.

Upgrade to EVO

Existing ORIGIN owners are supported with an upgrade kit.

ORIGIN EVO's innovative channel strip design allows them to be retrofitted to existing consoles. These retrofits are available in 8-channel upgrade kits, making the upgrade process manageable and cost-effective in stages.

Please contact an SSL expert for more information.

Hybrid Production Workflows

One of the key design principles behind the ORIGIN Series is authentic E Series sonics, delivered through hybrid production workflows and ergonomics.

At its core is a 19-inch, rack-based modular centre section that adapts to different control priorities and adds space for custom outboard processing, keeping the engineer in the sweet spot with workstation control and processing within arm's reach.

Seamlessly integrate a UF8 or UF1 DAW controller, while the Stereo Group fader tile can be moved up the centre section to place the UF8/UF1 in the lower bay, directly in front of the engineer. The 3U centre meter panel can be repositioned to bring a workstation monitor closer without obscuring the main meters.

Beyond the adaptable layout, each channel strip is optimised for hybrid work with a 0 dB fader bypass for printing stems and insert points on both the Large and Small faders for easy integration of additional processing.
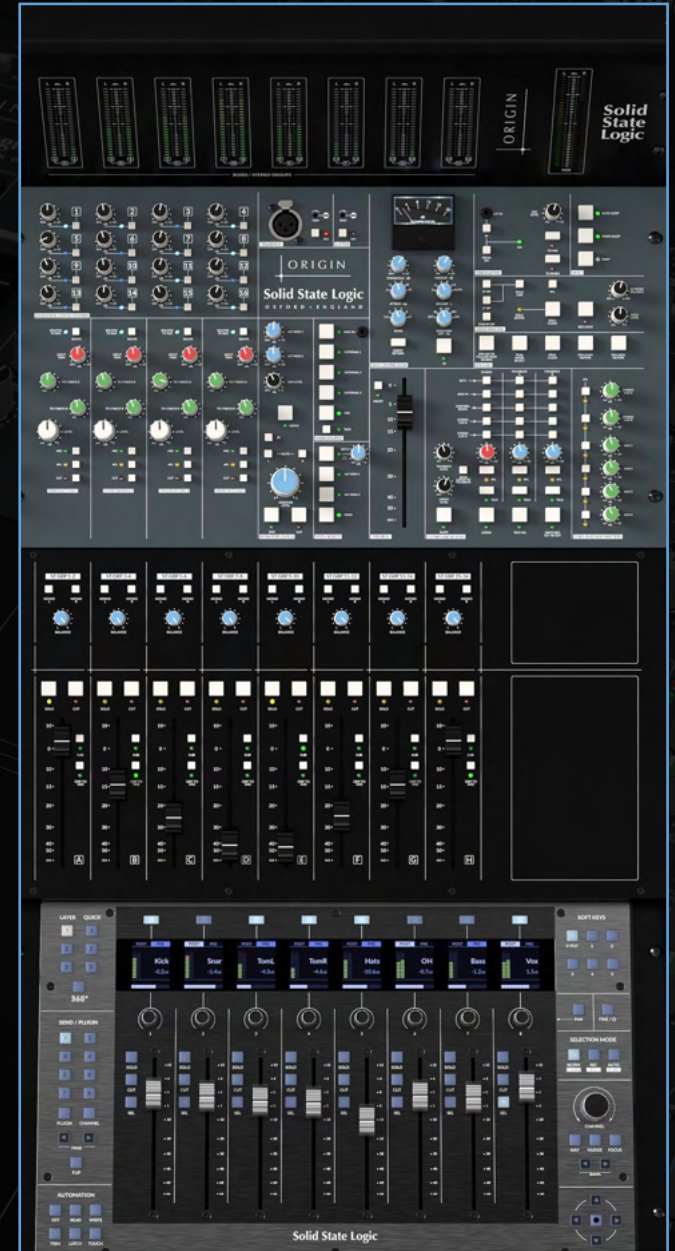
DAW Control UF1

DAW Control UF8

Stereo Groups

Additional Processing

Alternate Meter

Standard Configuration

ORIGIN Series Feature Specifications

	ORIGIN 16	ORIGIN 32	ORIGIN EVO 16	ORIGIN EVO 32
Channel Count	16 mono in-line	32 mono in-line	16 mono in-line	32 mono in-line
Total Inputs to Mix	56	88	56	88
Track Busses	16	16	16	16
Audio Sub Groups	8 stereo sub groups (stereo fader)	8 stereo sub groups (stereo fader)	8 stereo sub groups (stereo fader)	8 stereo sub groups (stereo fader)
Mix Busses	1x stereo	1x stereo	1x stereo	1x stereo
Foldback Outputs	3	3	3	3
Monitor Outputs	4x stereo	4x stereo	4x stereo	4x stereo
Fader Technology	Audio through faders	Audio through faders	Audio through faders	Audio through faders
Mic Pres	16x PureDrive mic pre & drive circuit	32x PureDrive mic pre & drive circuit	16x PureDrive mic pre & drive circuit	32x PureDrive mic pre & drive circuit
Channel Insert Point	2 (1 per path)	2 (1 per path)	2 (1 per path)	2 (1 per path)
High Pass Filter	Sweepable HPF	Sweepable HPF	Sweepable HPF	Sweepable HPF
Channel Dynamics	No	No	E Series Comp/Limiter + Expander/Gate	E Series Comp/Limiter + Expander/Gate
Low Pass Filter	No	No	Sweepable LPF	Sweepable LPF
EQ	4-band E-Series	4-band E-Series	4-band E-Series	4-band E-Series
Aux Sends	2x stereo, 4x mono	2x stereo, 4x mono	2x stereo, 4x mono	2x stereo, 4x mono
Channel Direct Outputs	16	32	16	32
Channel Panning	Stereo	Stereo	Stereo	Stereo

ORIGIN Series Dimensions

	ORIGIN 16	ORIGIN 32	ORIGIN EVO 16	ORIGIN EVO 32
Width	48.03 inches, 1220mm (including optional end trim)	70 inches, 1870mm (including optional end trim)	48.03 inches, 1220mm (including optional end trim)	70 inches, 1870mm (including optional end trim)
Height	40 inches, 1000mm	40 inches, 1000mm	40 inches, 1000mm	40 inches, 1000mm
Depth	43 inches, 1080mm	43 inches, 1080mm	43 inches, 1080mm	43 inches, 1080mm
Weight	198lb, 90kg (including optional legs)	330lb, 150kg (including optional legs)	198lb, 90kg (including optional legs)	330lb, 150kg (including optional legs)

Used in some of the finest recording studios and colleges

Since its launch, ORIGIN Series consoles have been installed in different academic institutions, state of the art recording facilities and private studios.

Thanks to its classic design, analogue sound, DAW integration and intuitive workflow, ORIGIN has become the perfect choice for teaching, creating and producing music with the legendary SSL sound and workflow, and a real solution for medium and small recording studios.

**Abbey Road Institute
London, UK**

"It's really amazing what SSL have done... It's a wonderful console to use and it's so good for the students."
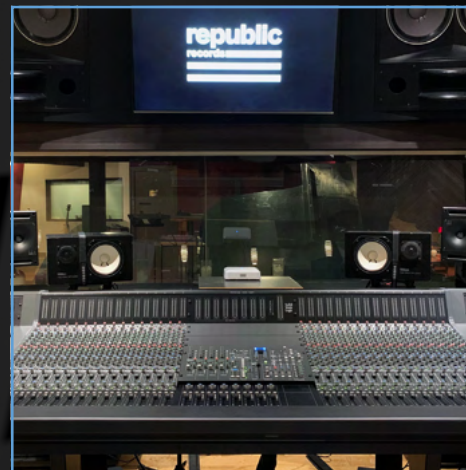
Mike Sinnot
Campus Manager

**Cube Recording Studio
Cornwall, UK**

"The first opportunity that arose, I acquired the ORIGIN. It takes me back to the E/G series and is aggressive but sweet. It has the classic SSL sound you'd expect."

Gareth Young
Studio Owner

**Republic Records
Universal Music Group
Los Angeles, CA**

"It's got the classic SSL sound, it's very low maintenance and it's at a price that's affordable for smaller or mid-level studios."

Rob Christie
Director of Republic Records

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