www.solid-state-logic.com

Duende
The SSL for your Audio Workstation

The original 19" rack

Ideal for mobile laptop studios

High-speed PCIe card

- The legendary sound of SSL for your digital audio workstation
- Up to 32 channels of console-grade SSL EQ & Dynamics processing
- PC & Mac compatible; works with all popular DAWs
- Powerful DSP engine based on SSL's award-winning C Series digital mixing consoles
- Relieves the plug-in processing burden on your computer's CPU
- Rack mount or desktop formats
- Latest software features reduced Intel Mac CPU overhead and support for two Duendes on a single system

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Standard Plug-in Suite

Classic SSL console channel strip and legendary Stereo Bus Compressor

You already know the sound of an SSL console - you've heard it on countless hit records from the last four decades. That unique sound comes inside every Duende, ready to integrate with your DAW in the form of powerful plug-ins served up on a custom DSP platform. Based on the digital processing inside SSL's C-Series consoles, the Duende Standard Plug-in Suite included with Duende Classic and Mini delivers the complete SSL mix experience - powerful channel and dynamics processing and the legendary Stereo Bus Compressor. Put simply, it's the easiest way to get professional mixes that sound like a record.

Duende EQ & Dynamics Channel

Key Features

- 4-band EQ with two shelving and two parametric sections
- Variable Low Pass and High Pass Filter
- Switchable EQ characteristics between E Series and G Series EQ
- 'Over-Easy' soft ratio compression characteristic for smooth transitions
- Variable process order routing & master plug-in bypass switch
- Dynamics Side Chain processing
- Input section with Input Level Meter, Input Gain control and Phase Invert switch

Duende Stereo Bus Compressor

The centre section compressor from SSL's 1980's G Series analogue console is an audio production legend. It is the secret behind countless classic recordings. It is a simple unit with a simple purpose; it makes complete mixes sound bigger, with more power, punch and drive. It brings cohesion and strength to your mix without compromising clarity. The Duende Stereo Bus Compressor brings this classic 'audio glue' to you within your workstation.

For detailed Duende standard plug-in feature and specification information visit **www.solid-state-logic.com**

Additional Plug-ins

New SSL processing tools - exclusive to Duende

Beyond the Standard Plug-in Suite, you can choose from a growing range of optional plug-ins, powerful, contemporary audio tools developed by SSL to provide you with even more processing versatility. Duende software updates include trial versions of the plug-ins which can be used for a limited time period. If you wish to continue using them you simply purchase the appropriate authorisations direct from www.solid-state-logic.com.

Drumstrip

The secret of how to make an average drum recording sound incredible can be elusive. It takes the right combination of processors, with the perfect sonic character, in the correct configuration and tweaked in the right way. Drumstrip does the difficult bit for you. Putting the right selection of fantastic sounding processing tools in your hands, Drumstrip can get you from an ordinary, average drum sound to a vibrant, exhilarating drum sound in a few quick, easy steps. Plug in, switch on and experiment.

What Drumstrip can do

- Achieve increased presence, clarity and detail
- Reduce spill in individual drum tracks
- Restore natural brightness
- Achieve greater perceived loudness
- Shorten or lengthen the attack and sustain of percussive signals
- Tighten up booming toms
- Make kicks and snares stand out in your mix
- Parallel compress room mics

Key Features

- Carefully selected collection of five audio processing tools
- Transient Shaper with Transient Invert to bring the attack phase of your drums to life
- Transient Shaper Audition enables you to isolate and monitor the effect of the Transient Shaper
- Dedicated Drum Gate with range and independent open and close threshold controls
- High Frequency Enhancer to invigorate your top end
- Low Frequency Enhancer to improve bass frequencies
- The classic SSL Listen Mic Compressor with additional bypass function to alter the legendary band limited compression to full range compression
- Adjustable processor order... because a different processing order is required for different types of drums
- Input & Output Level metering with additional RMS meters

For detailed Drumstrip feature and specification information visit **www.solid-state-logic.com.** Duende optional plug-ins are only available online.

X-EQ

X-EQ is an open and transparent sounding parametric EQ that provides the user with a truly comprehensive range of EQ tools within an intuitive user interface. X-EQ is exceptionally flexible with the ability to be surgically precise for mastering duties or to smooth and sculpt for every day audio production. It's also particularly suited to real-time manipulation for dramatic filter sweep effects.

Key Features

- 10-band parametric EQ with individually selectable EQ type per band
- Intuitive user interface with drag and move graphic, mouse wheel and numeric editing
- Bands 1 & 10 are High & Low Cut Filters, each with five different selectable topographies
- Bands 2 & 9 are Shelving EQ's with proportional Q values
- Bands 3 to 8 are Bell Filters with 20Hz-20kHz range and 9 individually selectable EQ types
- Bands 3 to 8 can be switched between standard series and parallel signal flow for classic graphic EQ style operation
- Real time FFT signal analysis display
- Stereo input and output metering with peak hold, separate RMS meter and dynamic range display
- A/B facility for instant comparison of two different EQ set ups
- MIDI control capability for all parameters

X-Comp

X-Comp is extremely versatile; it can deliver the transparent audio finesse of a mastering grade stereo compressor or be driven to inject character and raw power to rival the SSL Listen Mic Compressor.
It has an innovative set of control features that are immensely powerful and sophisticated yet remain intuitive and simple to operate.

Key Features

- Exceptional versatility; from mastering grade transparent compressor to incredible brick wall gain reduction
- Advanced graphic knee control with 0 to 40dB range and proportional response characteristic
- Max Gain Reduction control sets the maximum reduction between 20 and 60dB
- Advanced side chain architecture using 1st order filters delivers user-friendly Frequency Dependant Parallel Compression
- Amplitude Histogram display provides advanced real time pre/post signal analysis
- Intuitive user interface with drag and move graphic, mouse wheel and numeric editing
- Stereo input and output metering with peak hold, separate RMS meter and dynamic range display
- A/B facility for instant comparison of two different Compression set ups
- MIDI control capability for all parameters

For detailed X-EQ & X-Comp feature and specification information visit **www.solid-state-logic.com.** Duende optional plug-ins are only available online.

Hardware Options

Duende is available in three hardware formats to suit your requirements. The Classic 19"rack is loaded with the Standard Plug-in Suite and features up to 32 channels of processing. Duende PCIe offers the same Standard Plug-in Suite & 32 channels of processing as the Classic in a high bandwidth PCIe card format. The compact Duende Mini includes the EQ & Dynamics Channel and allows up to 16 channels of processing as standard and is upgradeable. Combine any two units for up to 64 channels of processing.

Duende Classic

Key Features

- Includes Standard Plug-in Suite
- 32 channels of DSP processing
- 1U 19" rack mount format
- FireWire in/out connections
- PSU or FireWire buss powered (requires compatible 6 pin FireWire connection)
- Run two units on a single computer system (requires independent FireWire busses)

Duende Mini

Key Features

- Includes Duende EQ & Dynamics Channel (Stereo Bus Compressor optional)
- 16 channels of DSP processing (upgradeable to 32 channels)
- Sleek half-rack desktop metal box
- FireWire in/out connections
- PSU or FireWire buss powered (requires compatible 6 pin FireWire connection)
- Run two Mini's on a single computer system

Duende PCIe

Key Features

- Includes Standard Plug-in Suite
- 32 channels of DSP processing
- Very high bandwidth internal PCIe card format

System Requirements

Duende supports sample rates from 44.1kHz to 96kHz. Running two Firewire-based duendes requires two independent FireWire busses.

PC

- Intel Pentium IV/AMD 1GHz or higher
- Windows XP SP2 or higher
- 512Mb of RAM (1Gb recommended)
- 80Mb of free hard drive space
- 1024 x 768 screen resolution
- Internet connection for software updates
- One available FireWire/IEEE1394 400Mbit port (Classic and Mini)
- One available PCIe card slot (Duende PCIe)
- Recommended VST, AudioUnit or RTAS host application*

MAC

- Apple Macintosh G4 or G5 (933MHz or higher)
- OSX 10.4.10 or higher
- 512Mb of RAM (1Gb recommended)
- 80Mb of free hard drive space
- 1024 x 768 screen resolution
- Internet connection for software updates
- One available FireWire/IEEE1394 400Mbit port (Classic and Mini)
- One available PCIe card slot (Duende PCIe)
- Recommended VST, AudioUnit or RTAS host application*

Mac Universal PC Windows Audio Units VST FireWire

For best performance your system should meet the minimum requirements for your selected host application.
* Steinberg Cubase Sx3, Cubase 4, Nuendo and Wavelab 6, Apple Logic Pro 8, Cakewalk Sonar 5, Ableton Live 6, Digidesign Pro Tools LE and M-Powered 7 through the use of VST-RTAS wrapper.

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Also available

Other processing and I/O products from SSL include:

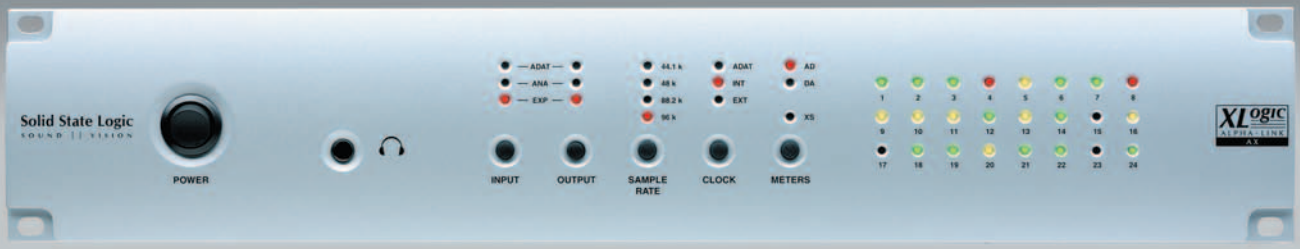
XLogic Alpha Analogue. SSL analogue processing essentials.

Alpha Channel

Alpha VHD Pre

XLogic Alpha-Link & Delta-Link. SSL multi-channel audio converters.

Delta-Link MADI HD



Alpha-Link

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