



The SAS iSL Console:

The iSL Console **integrated** control surface uses the popular SAS Rubicon SL modules housed in a chassis which includes an integrated Meter Bridge and Monitor Module Section with Cue Speaker and Headphone amplifier facilities. The SAS iSL console is available in several sizes to fit most applications. The iSL has a unique chassis which can be mounted on a desktop or, for most On Air broadcast installations, cut into the desktop for a sleek, low profile work surface.

The iSL Console connects directly to an SAS RIOLink Mix Engine or any SAS 32KD DSP Output Engine and interconnects using standard CAT5 cabling. The iSL takes advantage of all the features which the SAS Audio Network provides: routing, mixing, automatic mix-minus, distribution, intercom, IFB and automation. Even with only one RIOLink Mix Engine all the software and features that SAS is famous for make this a powerful console that's intuitive and easy to operate. The RIOLink Mix Engine provides DSP, Audio I/O, GPIO, Control Ports and Administrative Ports all in one 2 RU package, and it can connect to other SAS Audio Network devices with only one Cat5 cable or fiber.

Routable Input Channels:

Individual, hot swappable Modules house a 100mm linear Fader and an eight (8) character Alpha Numeric Readout that displays the name of the source assigned to that fader. Sources are selected to each Fader using a simple dial up and "TAKE" button press. And there's a Hot Take button to return to a default Source with one button press!

CUE and IFB:

Every Fader Module provides a CUE and IFB button. Each Fader Source can be "CUE'd" pre-switch and pre-fader directly into the integral CUE speaker. The IFB button allows intuitive Talk Back to the destination which is associated with the Source mapped to the Fader.

The associated outputs can be the Headphone Feed for the Microphone positions, outputs feeding ISDN or IP CODEC's, outputs feeding Telephones, Hosts or Guests, etc. If the Source assigned to the Fader changes, the IFB button automatically Talks to the new destination!

Output Busses:

Each Fader Channel Module houses 4 buttons that are typically programmed for PGM output busses. This provides plenty of SENDS for most On Air Radio Broadcast operations.

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Automatic Mix Minus:

Any device requiring a Mix Minus Signal is simply connected to an Output on the DSP Engine. Using the intuitive RCS configuration software simply click the Mix Minus Option for Source and Destination type and any console that selects the source will generate a Mix-Minus to the proper output based on any of the PGM Busses as assigned in each individual Fader module's Setting.

The system allows for separate "Buss Base Mixes" when the Channel is On or Off. This is especially useful for "off line recording" while the Board can continue "On Air" operations.

SAS iSL Features:

- Integrated Meter Bridge, Monitor Control, CUE Speaker and Headphone Amplifier
- All Fader Channels are Fully Routable, select any source within the entire SAS Digital Audio Network
- High Quality large sound CUE speaker
- Advanced Multi Processor architecture for maximum redundancy.
- LED Audio Meters with true VU (bar) and PPM (flying dot) ballistics with phase display.
- Eight Character LED Displays provide bright, easy to read, active Source Selection to the Fader
- Selectable Display Lists allow intuitive Audio Management
- Separate Source Selection for Monitor and Headphones, and Linear Fader Volume Controls
- 8 Programmable General Purpose Buttons
- Ultra-high reliability magnetic reed switches, immune from the most hostile beverage spills
- Button Guard and Finger Rest between separate On/Off buttons
- Timer with manual Start and Stop buttons plus Auto-Start from programmed Source Faders

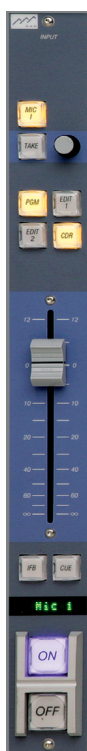


**SIERRA
AUTOMATED
SYSTEMS**

SAS i-SL

integrated SL Console

The SL Input Module



Each iSL Input Module houses one long throw 100mm fader, 4 programmable Bus Buttons, a Programmable Input (A) Button plus Dial Up Source selection, CUE and IFB buttons, and an easy to read eight (8) Character Alpha-Numeric readout for displaying the name of the Source currently mapped to the fader. Using a rotary dial, any Source can be mapped to the Input Fader by scrolling through an alphabetically sorted directory of names and pressing the "Take" Button. You can easily create custom lists for each console or even each fader.

Large On/Off buttons with button guard provides an ergonomic environment tailored to Radio Broadcast by protecting the On/Off from falling objects as well as providing a resting place for the board Operators hand - easy to read from a script and operate the Channel by feel. The SL Module is fitted with Radio Industry Standard P&G faders to allow smooth level transitions and high quality operations expected by the most meticulous Radio Broadcast Professionals.

The programmable IFB button is used to automatically "Talk Back" to the Destination associated with the Source mapped to that fader. A programmable CUE button allows any source mapped to that fader module to be mapped to the integrated iSL Cue Speaker.

- Select any Source to each Fader Channel using a simple "Dial Up" and "Take" from the easy to read Display of Alphabetically sorted names
- Four (4) Programmable Output Program Busses
- CUE and IFB Buttons allow quick CUE function and intuitive Talk Back to the Destination of the Device that is Selected
- Quickly and easily adjust Channel parameters such as Channel Mode (Stereo, Mono, L, or R), Pan/Balance, and Phase
- Full Length 100mm Professional 'Industry Standard Faders

The iSL Monitor Section

The Monitor Section houses a built in Cue Speaker and Headphone Amplifier Outputs with both 1/4" and 1/8" headphone jacks. Eight (8) programmable Monitor Source Select buttons are available laid out in two groups of 4, providing plenty of buttons for monitoring all Console busses in addition to important programming signals like "AIR" and "HD" from receivers.

Monitor and Headphone Selection can be made individually or simultaneously. Individual Linear faders are used for Monitor Speaker Volume and Board Operator Headphone Volume.

There are 8 programmable User Buttons which can be used for any function you might require - Delay Control, Talkback, etc. The Monitor Section also provides Programmable buttons for Source Selection to an optional Switched Meter, or other Output for basic XY Switch mapping.



- Eight (8) Programmable Source Select Buttons for Headphone and Monitor speakers with independent control for each.
- Built in CUE Amp and High Fidelity CUE Speaker
- Built in High Quality Headphone Amp with both 1/4" and 1/8" jacks
- TALKBACK and CUE Level Control
- Six (6) Programmable buttons for Switchable Meter Source Selection
- Eight (8) Programmable Buttons for General Purpose uses such as Talk to Destination, Source to Destination Mapping, Relay Closures for EAS/Delay Unit/DAW/Annunciator Lites etc, and Trigger Preset Macros
- Built In dedicated Timer Controls - Start, Stop and Auto-Start enable
- Full-Length 100mm Faders for individual Monitor Speaker and Board Operator Headphone Volume Control provide exceptionally long life for these often used functions

Optional Modules

SAS provides numerous optional Modules designed for functions such as Delay Unit Control, Additional Intercom/TB Buttons, Interface to DAW's, as well as Automation NETCUE to send Relay Closures, RS-232 serial Strings and TCP/IP and UDP Messages.

Turret for Hosts and Guest

A wide range of Studio Control Panels will satisfy the most demanding Host, Co-Host and Guest position operations from simple On/Off/Cough to complex mini consoles that operate in tandem with the main Console to allow the Hosts to control their own playback skits and sound bytes.



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"Like the SAS Rubicon Series, the SAS iSL ergonomic design makes both the pro and novice feel comfortable and in control".

SAS i-SL Frame Sizes

iSL 12.1/iSL 12 12 space frame with 1 or 2 VU Meters
Tabletop Dimensions... 20.2" w x 20.5" d x 5.8" h
Cutout Dimensions..... 19 5/16" w x 17 3/8" d Height: 4.5"

iSL 20.2/iSL 20.3 20 space frame with 2 or 3 VU Meters
Tabletop Dimensions... 33" w x 20.5" d x 5.8" h
Cutout Dimensions..... 32 1/16" w x 17 3/8" d Height: 4.5"

iSL 28.2/iSL 28.3 28 space frame with 2 or 3 VU Meters
Tabletop Dimensions... 45.8" w x 20.5" d x 5.8" h
Cutout Dimensions..... 44 7/8" w x 17 3/8" d Height: 4.5"



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