

# Stratos Console

with HiRez HD Displays

## CONSOLE CONTROL SURFACE



### The SAS Stratos Console:

NOW WITH HiReZ HD Displays.

The Stratos 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 Stratos console is available in several sizes to fit most applications. The Stratos can sit on a desktop or, for most On Air broadcast installations, cut into the desktop for a sleek, low profile built in work surface.

The Stratos Console connects directly to an SAS RIO Bravo or Nucleus Mix Engine or any SAS 32KD DSP Output Engine and interconnects using standard CAT5 cabling. The Stratos utilizes all the features which the SAS Audio Network provides: Built in routing, mixing, automatic mix-minus, Mic EQ & Dynamics and Output Processing and distribution, intercom, IFB and automation.

### Polished Look:

**PREMIUM POLISHED COLORS:** A process of deep etched anodizing and polishing brings a wide selection of colors and an extremely rugged finish that is scratch resistant and durable.

### 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 built in 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.

### Automatic Mix Minus:

Any device requiring a Mix Minus Signal is simply connected to an Input and Output on the DSP Engine. Using the intuitive RCS configuration software simply click the Mix Minus Option for Source and fill in the Destination. Any console that selects the source, a Mix Minus is automatically generated and sent to the Destination. The Mix Minus base mix is easily selectable to any of the Program Send Busses.

### SAS Stratos 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.
- HiRez HD Display intuitively shows Channel Mode/Pan/Phase and Source Selected
- 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

1-818-840-6749 voice  
1-818-840-6751 fax

2821 Burton Avenue  
Burbank, California  
91504-3224 USA

www.sasaudio.com  
Datasheet Revision 1.2  
07/2021



908-528-6887 Voice  
303-931-3010 Voice

DNAV Systems Inc.  
New York, New Jersey

www.dnavinc.com



**SIERRA  
AUTOMATED  
SYSTEMS**

# SAS *Stratos*

integrated Console

## The *Stratos* Input Module

Each *Stratos* Input Module houses one long throw 100mm fader, 4 programmable Bus Buttons, a Programmable Input (A and B) Button plus Dial Up Source selection, CUE and IFB buttons, and an easy to read HiRez Alpha-Numeric readout for displaying the name of the Source



currently mapped to the fader and other channel related information such as Pan, Mode, Phase. 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 fingers - to operate the Channel by feel. Long throw 100mm faders provide a linear smooth and distinct travel expected by the most meticulous Radio Broadcast Professionals. SAS' exclusive DSP de-zipper algorithm makes the sound and feel like an actual analog linear fader removing DSP artifacts generally associated with digital level control. 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 Cue Speaker.

## The *Stratos* 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.

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

## SAS *Stratos* Frame Sizes

Stratos 12.1,12.2 ..... 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"

Stratos 20.2,20.3 ..... 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"

Stratos 28.3,28.4 ..... 28 space frame with 3 or 4 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"

1-818-840-6749 voice  
1-818-840-6751 fax

2821 Burton Avenue  
Burbank, California  
91504-3224 USA

www.sasaudio.com

Datasheet Revision 1.2  
07/2021



**SIERRA  
AUTOMATED  
SYSTEMS**