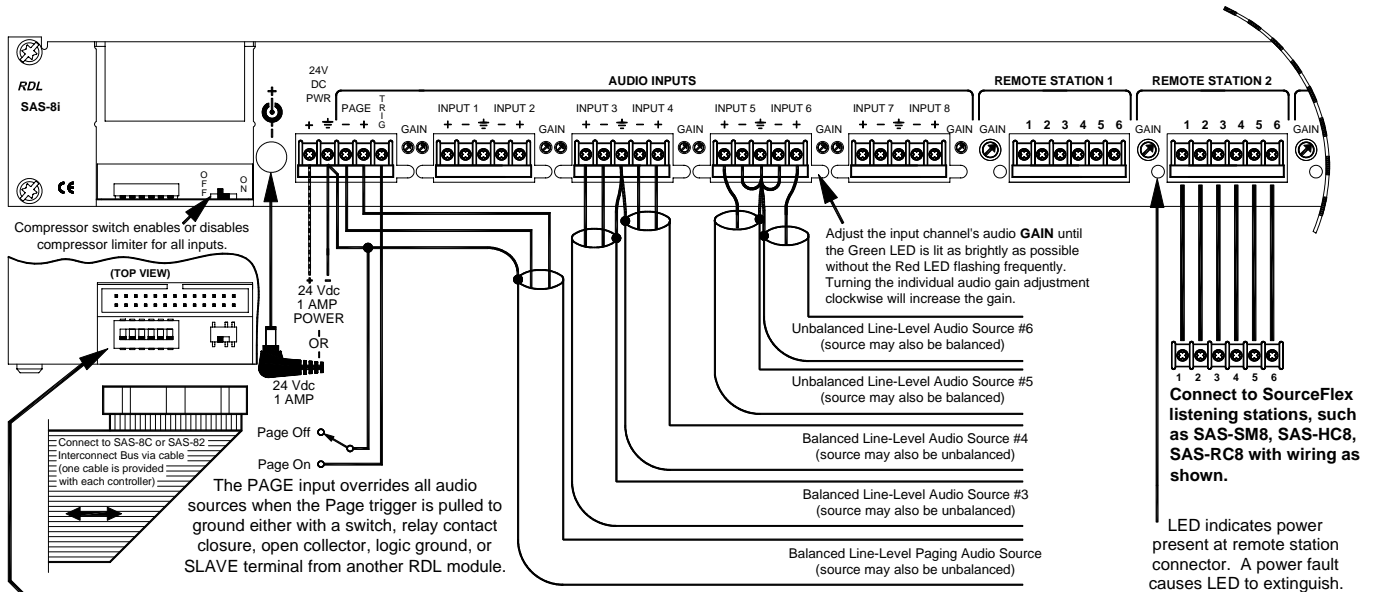# SourceFlex™ System
## Model SAS-8i
## Audio Input Chassis /
## 4 Station Controller

## Installation/Operation

**EN55103-1 E1-E5; EN55103-2 E1-E4**
Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice.

CE



Compressor switch enables or disables compressor limiter for all inputs.

**(TOP VIEW)**

Connect to SAS-8C or SAS-82 Interconnect Bus via cable (one cable is provided with each controller)

24 Vdc 1 AMP POWER — OR — 24 Vdc 1 AMP

Page Off
Page On

The PAGE input overrides all audio sources when the Page trigger is pulled to ground either with a switch, relay contact closure, open collector, logic ground, or SLAVE terminal from another RDL module.

Adjust the input channel's audio **GAIN** until the Green LED is lit as brightly as possible without the Red LED flashing frequently. Turning the individual audio gain adjustment clockwise will increase the gain.

Unbalanced Line-Level Audio Source #6
(source may also be balanced)

Unbalanced Line-Level Audio Source #5
(source may also be balanced)

Balanced Line-Level Audio Source #4
(source may also be unbalanced)

Balanced Line-Level Audio Source #3
(source may also be unbalanced)

Balanced Line-Level Paging Audio Source
(source may also be unbalanced)

**Connect to SourceFlex listening stations, such as SAS-SM8, SAS-HC8, SAS-RC8 with wiring as shown.**

LED indicates power present at remote station connector. A power fault causes LED to extinguish.

ON

#2 - Select for one or two audio sources
#3 - Select for three audio sources
#4 - Select for four audio sources
#5 - Select for five audio sources
#6 - Select for six audio sources
#7 - Select for seven audio sources
Leave all switches off for eight audio sources

In this example, only four audio sources are used. The dip-switches are set to configure the SAS-8i for however many audio sources are used. The Line-Level Audio Source Inputs **MUST** be used in order. Do not select more than one dip-switch.

## TYPICAL PERFORMANCE

| | |
|---|---|
| Audio Inputs (switched): | 8 line-level, 100 kΩ balanced or unbalanced via plug-in terminal block |
| Audio Input (paging over-ride): | 1 line-level, 100 kΩ balanced or unbalanced via plug-in terminal block |
| Audio Input Level: | -22 dBu to +4 dBu, 25-turn adjustable pot |
| Control Input: | Paging Terminal; External closure to ground to activate |
| Front Panel Presets: | DIP switch to set number of inputs used |
| Metering: | 1 Green LED (intensity indicates audio level) |
| | 1 Red LED (indicates +4 dBu audio level) |
| Frequency Response: | 50 Hz to 35 kHz (+/-1 dB) |
| THD+N: | < 0.1% @ 1 KHz  (bandwidth 20 Hz to 20 kHz) |
| Output, bus: | 24-pin ribbon cable header loop-thru output to drive SAS-82 or SAS-8C |
| Outputs (4): | 6-position removable terminal blocks (connection to remote Listening Station) |
| Audio Output Gain Range: | 40 dB (trimmer presettable) |
| Indicators: | LED; Output voltage present at Remote Outputs |
| Power Requirement: | 24 to 33 Vdc @ 1 A, Ground-referenced |