

StageLink™

Smart Edge Devices for Seamless Network Streaming



StageLink WebUI
NSA-006A Workplace

NSA-003A 2-Wire

StageLink™

Bring your IP network closer to your signals while maintaining full flexibility in operation with any media format or control protocol.

In the ever-evolving world of live production, AV professionals demand solutions that simplify complexity and drive efficiency. The Riedel StageLink™ family of smart edge devices answers this call with a sleek, purpose-built design, robust functionality, and transformative capabilities that enable flexible, decentralized signal distribution. These compact, rugged I/O boxes for seamless network streaming can be placed anywhere in your event or facility to flexibly capture and distribute signals through a generic IP network.

The new generation of StageLink edge devices is designed to enhance IP-based production audio and intercom workflows with unparalleled flexibility, reliability, and advanced features tailored to the requirements of broadcast, live event, and studio environments. Unlike traditional setups that rely on expensive and inflexible specialized cabling for each signal type, StageLink edge devices utilize standard network components to establish a decentralized network. Whether connecting

production microphones, intercom, GPIO devices, or any other audio-enabled device, StageLink transmits your audio and control data signals via IP and based on open standards like ST2110-30/31 (AES67), NMOS IS-04, IS-05, IS-07 & IS-08, while eliminating the complexities of IP configurations and the hassles of analog systems.

The intelligence of the StageLink production audio and intercom range lies in its unique combination of features: Its format agnostic Universal Inputs accept both, digital AES3 and analog signals, seamlessly handling any Mic and Line level, processing each independently and automatically without interference – and completely eliminating the need for manual Mic Gain adjustments. Remote management capabilities give engineers full visibility over endpoints, enabling them to monitor and control all ports and signals remotely – even during live events with untrained personnel – by activating blinking LEDs to identify devices or even specific ports when needed. Designed for durability and discretion, StageLink is impact-resistant, optimized for

Features

- **Convenient Size:**
 - 1 RU height / 1/3 19" width / 151 mm depth (1/3Rack)
 - 1 RU height / 19" width / 151 mm depth (NSA-008A)
- **SMPTE 2022-7 Redundancy:**
 - Separated network interfaces for SMPTE 2022-7 stream redundancy
- **Flexible Device Management Options:**
 - In-band and out-of-band management
- **IP Centric:**
 - SMPTE 2110-30 & 31, NMOS IS-04, IS-05, IS-07 & IS-08, static IP and DHCP support
- **Flexible Routing:**
 - Manual routing or via NMOS IS-08, Up to 32 channels / 32 streams, internal port to port routing
- **Network Daisy-Chaining:**
 - Single ended or ring topology (RSTP supporting network switches required)
 - Daisy-chaining with SMPTE 2022-7 (NSA-008A)
- **Identification/Localization:**
 - Identify and localize the device or specific ports by blinking LEDs
- **Administration Login:**
 - Definable restrictions for operational users
- **Power Supply Redundancy:**
 - Dual PoE on media ports
 - Dual Mains PSU (NSA008-A)
- **Fanless Operation:**
 - In controlled environments (< 30°C), Up to 50°C in extreme situations with fan support
- **Versatile mounting options:**
 - Detachable rubber feet, stackable bumper jacket, under desk and wall mount, 19" Rack mount via rack shelf, VESA (100 mm/M4) mounting, Kensington Lock
 - NSA008A: Rack mountable (straight, reversed, flush, recessed)

dark environments, and equipped with professional-grade connections and mounting options. StageLink features advanced audio capabilities, including a dynamic range with a remarkable signal-to-noise ratio of 151.5 dB(A), automatic phantom power detection and activation, and three DSP channel paths per Universal Input port. These features allow StageLink to adapt effortlessly to any professional workflow, supporting modern workplace-centric audio cabling topologies.

Riedel's StageLink edge devices are available in several tailored interface versions, offering a highly versatile and dynamically adaptive alternative to bulky, one-size-fits-all stage boxes. With StageLink, every signal finds its place in the network – seamlessly, efficiently, and reliably. Whether you're setting the stage for a theatrical performance, orchestrating corporate presentations, or managing an expansive broadcast audio production, StageLink ensures your production is as polished and professional as it deserves to be.

NSA-003A
2-Wire

Audio interface box that enables seamless integration of third-party legacy 2-wire partylines into Artist and Bolero systems via SMPTE 2110.

- 2-Wire Analog Intercom Device w/ Auto Echo Cancelling
- 2 x 2-Wire: Clearcom Mode / RTS Mode 1 or 2 PL(s)
- 1 x Stereo USB-Audio In/Out, 3 x GPIOs



NSA-006A
Workplace

Compact all-in-one interface solution designed to meet all audio needs of a media workplace, including Mic-Pre, HP-Out, and stereo speakers.

- 1 x Universal Input (Mic/Line & AES3)
- 1 x Headphones Output w/ volume rotary & LED-Bar
- 2 x Universal Outputs, (Line & AES3)
- 1 x Stereo USB-Audio In/Out, 3 x GPIOs



NSA-004A
Quad In



4x analog (Mic/Line) & digital (AES3) inputs for applications where small portions of inputs with flexible connection variations must be distributed over a wider area.

- 4 x Universal Inputs (Mic/Line & AES3)
- 1 x Stereo USB-Audio In/Out



NSA-007A
4-Wire

Compact audio interface that features 2 inputs and 2 outputs in broadcast quality, functions in Artist and Bolero as a classical dual analog or digital intercom 4-Wire interface can also function as a dual analog or digital 4-wire device for Artist and Bolero intercom systems.

- 2 x Universal Inputs (Mic/Line & AES3),
- 2 x Universal Outputs (Line & AES3)
- 1 x Stereo USB-Audio In/Out, 3 x GPIOs



NSA-005A
Quad Out

Small form factor device with 4x analog Line/digital (AES3) outputs for applications where small portions of outputs with flexible connection variations must be distributed over a wider area.

- 4 x Universal Outputs (Line & AES3)
- 1 x Stereo USB-Audio In/Out



NSA-010C
GPIO



Network-based GPIO interface that operates in either integrated Artist/Bolero mode or standalone mode, enabling third-party connections via NMOS IS-07 & OSC.

- 16 x GPIs, 16 x GPOs (phoenix connectors)
- 2 x Control Voltage Inputs, 2 x Control Voltage Outputs (future option)



NSA-008A
4-Wire



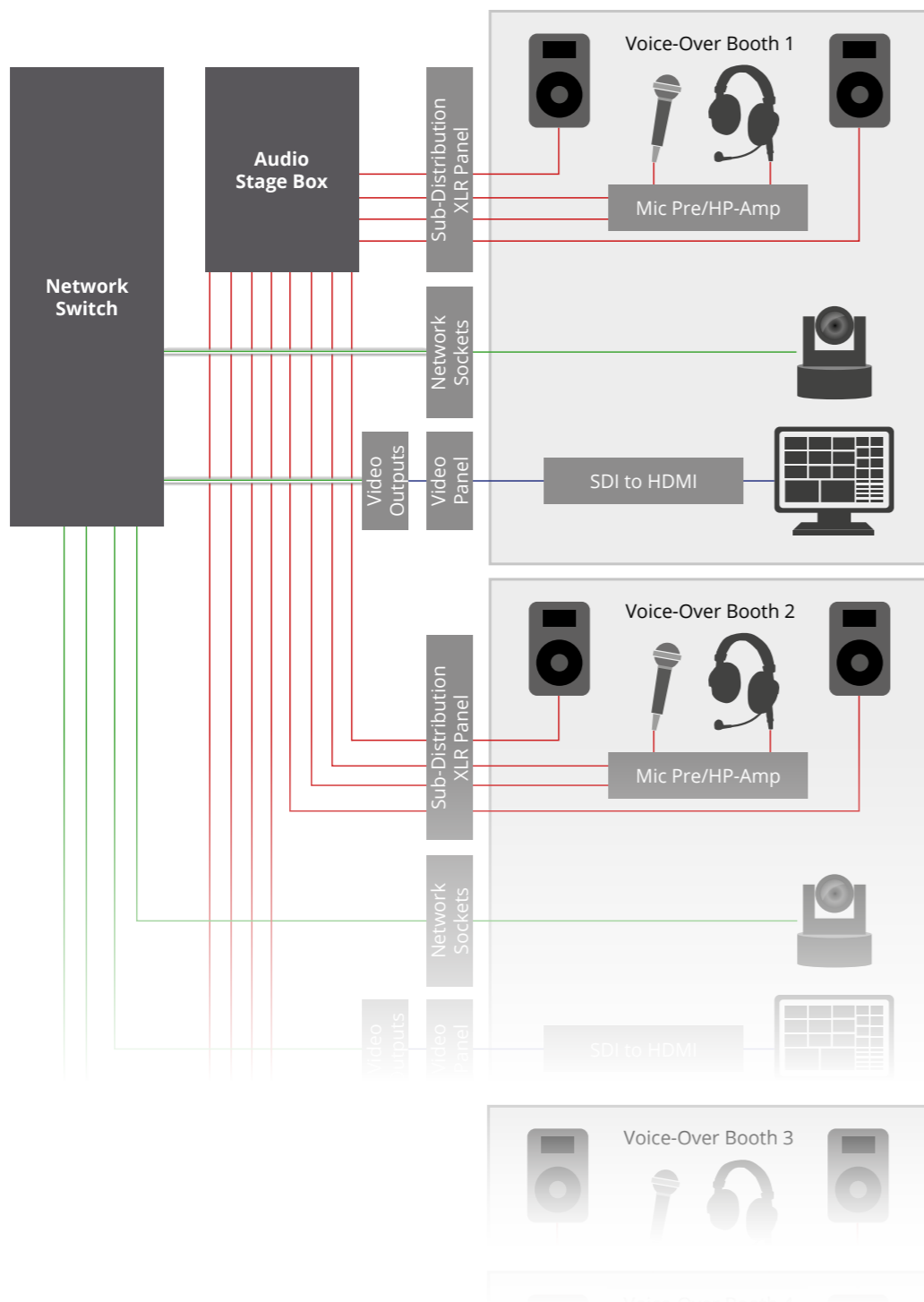
SMPTE 2110 audio interface with 6 inputs and 6 outputs for enhanced intercom or HQ production audio connectivity. The NSA-008A builds on the NSA-007A feature set and consolidates 6 Universal Inputs and Outputs, as well as 6 GPIOs into a single 1 RU unit.

- 6 x Universal Inputs (Mic/Line & AES3),
- 6 x Universal Outputs (Line & AES3)
- 1 x Stereo USB-Audio In/Out, 6 x GPIO
- SFP support

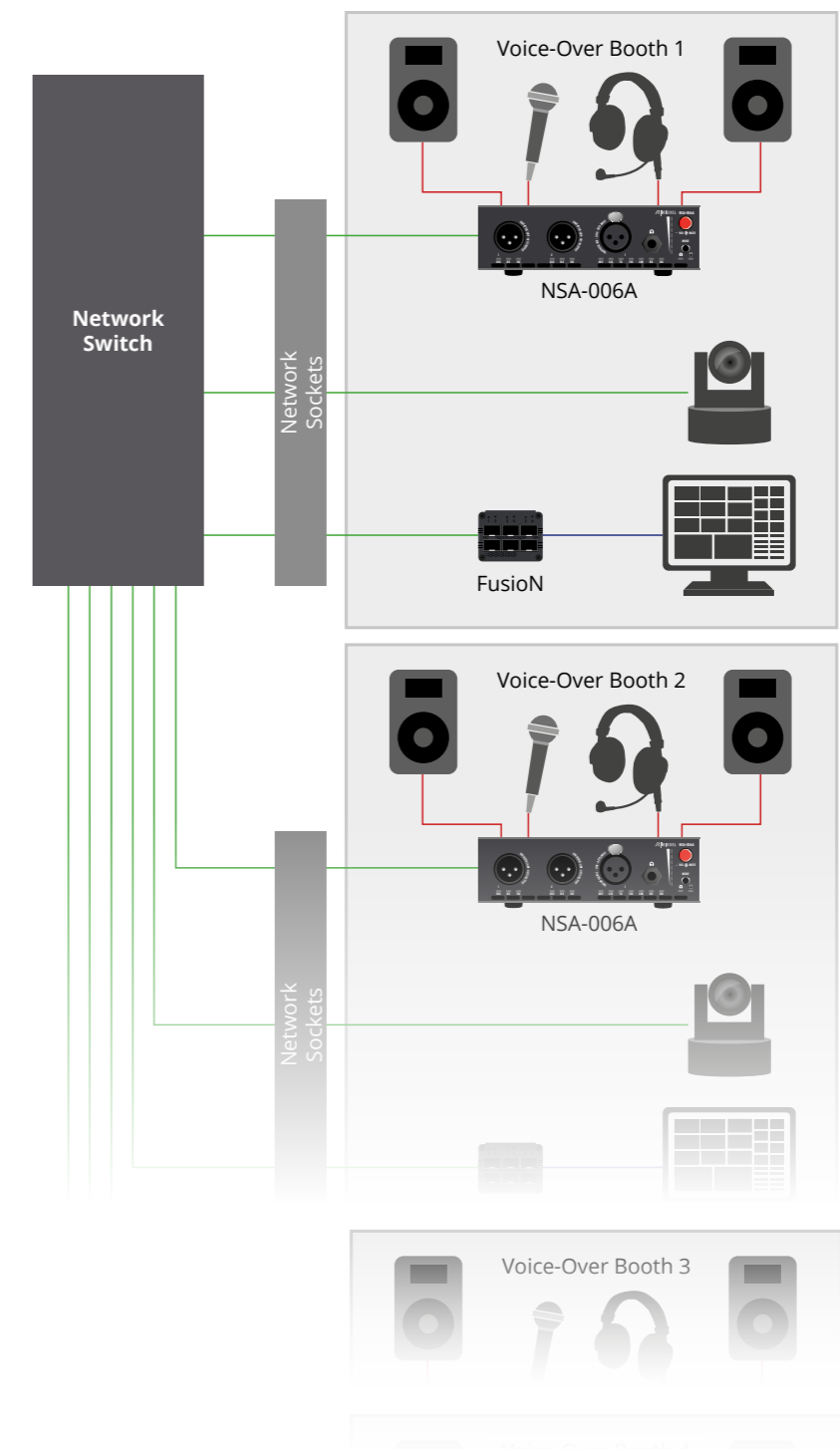


NSA-006A
Workplace (Line, AES3)

Before StageLink



After StageLink





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