

RS2446SP Option Card

Soundcraft ViSB 8 x AES/EBU In Packed Tested Spare Option Card Data Sheet

Product Overview: The Soundcraft RS2446SP is an 8-channel AES/EBU digital input expansion option card specifically engineered for Soundcraft Vi Stageboxes (ViSB) and Vi Series digital mixing consoles. Designed for seamless live sound and broadcast integration.

1. GENERAL SPECIFICATIONS

PARAMETER	SPECIFICATION DETAILS
SKU / Part Number	RS2446SP
Product Name	ViSB 8 x AES/EBU In Option Card (Tested Spare)
Audio Input Channels	8 Digital Channels (4 x Female XLR Connectors, 2 Channels per XLR)
Interface Standard	AES/EBU (AES3) Digital Audio
Compatibility	Soundcraft Vi Stageboxes (ViSB) & Vi Series Digital Mixing Consoles
Sample Rate Conversion	Integrated Sample Rate Converters (SRC) on each input pair
Signal Status Indicators	Individual Sync Lock LEDs per AES/EBU pair

2. KEY FEATURES & FUNCTIONALITY

- **High-Density Digital Connectivity:** Expands your Soundcraft Vi Stagebox with 8 pristine digital input channels across 4 standard XLR sockets.
- **On-Board Sample Rate Conversion (SRC):** Effortlessly feeds digital signals from non-synchronized external gear without clock jitter or audio dropouts.
- **Bypass Jumper Support:** SRC can be bypassed via internal motherboard jumpers when ultra-low latency or bit-exact clocking is required.
- **Visual Lock Indication:** Front-panel Sync LEDs provide immediate status verification for active AES/EBU clock locking.
- **Field Replaceable Unit (FRU):** Tested spare design allows quick slot insertion and field replacements during live performances or broadcasts.

3. TARGET APPLICATIONS

DEPLOYMENT AREA	APPLICATION DETAILS
Live Sound & Touring	Direct digital inputs from playback rigs, amp racks, and digital wireless mic receivers.
Broadcast & Recording	Interfacing with broadcast feeds, external processors, and multi-channel digital audio workstations.
Permanent Installations	Integration within theaters, houses of worship, and multi-room venue networks.