



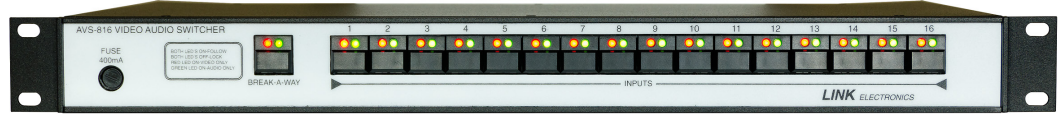
AVS-816/SA

Audio and Video Switcher

Features:

- RS-232/RS-422
- 16 Video Inputs
- 16 Audio Inputs
- Vertical Interval
- Analog Video
- Analog Audio
- Includes 816 OP/A
- Includes 816 OP/B
- GPI Control
- Two Video Outputs
- One Rack Unit Cabinet
- One Stereo Audio Output
- Audio & Video Break-away
- Controls Up to 32 Switchers
- Windows™ Based Control

Software



The AVS-816/SA is a AVS-816 with 816-OP/A and 816-OP/B, this combination makes a 16 X 1 SD composite analog video and analog audio follow (or breakaway) switcher. This unit is a wide band-width video vertical interval switcher designed with the video professional in mind. It features compact modular design which allows it to handle both video and audio in the analog domain. The unit has sixteen channels of video and stereo audio. The inputs are non-looping and offer outstanding return loss performance. There is an extra video output that can be used for monitoring.

Audio and Video Breakaway

Audio and video breakaway are selected by a single switch on the front panel. Dual LED's on the source selection and follow switch indicate follow or break-away. The AVS-816/SA allows the user to efficiently and economically route or delegate multiple video and audio signals. The audio inputs use 3-pin 93-FL Weco connectors which detach individually, allowing the user to wire them before connecting to the switcher.

Vertical Interval

Switching is accomplished during the vertical Interval by using the vertical sync derived from the video at the output stage. Up to 32 switchers can be controlled by the computer software.

GPI Control

The AVS-816/SA may be controlled by a serial data feed of either RS-232 or RS-422/485 interface standards, selectable by a simple internal DIP switch. A remote control panel is also available which utilizes the common RJ-11 modular connector along with the RS-485 interface standard. For automated system applications, an optional GPI interface is available.

Compatible with Existing Link Electronics Equipment

The serial communication protocol is compatible with existing Link video and audio switchers and remote control panels. For integration into existing systems, the AVS-816/SA can be preset to respond to that instruction set as well.

Exceptional Technical Support

Each AVS-816/SA audio and video switcher is backed by the Link Electronics standard 10-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.



AVS-816/SA

Audio and Video Switcher

816-OP/A SD Composite Video

Inputs:

Number: 16
 Impedance: 75Ω±1%
 Configuration: Single-ended
 Level: 1vpp ±3dB

Outputs:

Number: 2
 Level: Unity Gain±1%
 Impedance: 75Ω±1%
 Frequency Response: ±0.5dB to 15MHz, ±3dB to 30MHz
 Differential Phase: <0.1°
 Differential Gain: <0.1%
 Tilt: <0.5% S/N
 Ratio: >70dB
 Propagation Delay: 161nS ±0.2nS
 Crosstalk: >60dB, Worst Case

816-OP/B Analog Audio

Inputs:

Number: 16 left and right 3 pin conn.
 Impedance: 20KΩ, bridging
 Configuration: Balanced Diff.
 Max. Level: +24dBu

Outputs:

Number: 1 left and right 3 pin conn.
 Level: +24dBu Max.
 Impedance: 66Ω, ±5%
 Freq. Resp.: ±0.02dB, 20 to 20KHz
 Insertion Gain: ±0.05dB
 Slew Rate: >30V/μS Balanced
 S/N Ratio: >100dB A WTD +8dBu
 THD: <0.004% @ 20KHz
 Crosstalk: 95dB @ 20KHz
 Output DC Offset: <10mV
 CMR: >80dB @ 2-KHz
 Output Isolation: >100dB @ 20KHz

Environmental:

Temperature: 0° to 50°, ambient
 Humidity: 0% to 90% non-condensing

Power:

Input: 120/240 VAC ±10% 50/60 Hz
 Power: 15 Watts

Mechanical:

Height: 1.75 inches
 Width: 19 inches
 Depth: 11 inches
 Weight: 6.8 lbs.

The manufacture reserves the right to change specifications without notice