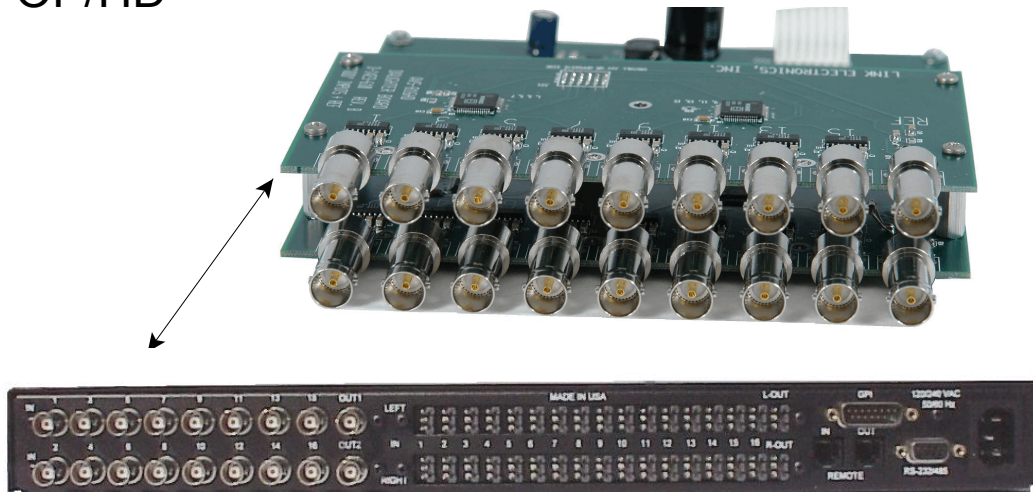


## HD/SDI + SDI VIDEO SWITCH MATRIX 816-OP/HD



The AVS-816 has eight options to configure the unit to be Analog, SDI or HD/SDI for Video and Audio. The video can be configured for SDI, HD/SDI or Analog. The 816-OP/HD is the HD/SDI video plug-in board. The AVS-816 chassis and the 816-OP/HD board make up an HD/SDI video only switcher.

You must select the video and audio matrix to make up the desired switcher format to include audio follow. You have the choice of analog or AES audio to configure as a video with audio follow switcher.

Software is supplied with all AVS series to control up to 32 switchers from a single computer. See data sheets for the AVS-816/HDA or AVS-816/HDD for the audio follow you require. A remote control is available for the unit, model PSR-816. The plug-in choices are;

- AVS-816, Chassis, power supply and motherboard
- 816-OP/A, Analog video matrix, 16X1, two outputs
- 816-OP/B, Analog audio matrix, 16X1, two outputs
- 816-OP/C, SDI video matrix, 16X1, one SDI and one analog**
- 816-OP/D, AES audio matrix, 16X1, one AES and one analog
- 816-OP/E, AES rear panel for Weco 3-pin connectors
- 816-OP/F, AES rear panel for BNC connectors
- 816-OP/G, GPI option
- 816-OP/HD, HD/SDI video matrix, 16X1, two outputs

Customer selects the above desired options, and the factory configures to your requirement.

### **LINK ELECTRONICS, INC.**

2137 Rust Ave.  
Cape Girardeau, MO 63703  
Phone: 573 334 4433  
FAX: 573 334 9255

**PROFESSIONAL SERIES--  
stand-alone system products--by LINK**

# SDI VIDEO SWITCHING MATRIX 816-OP/HD

## SDI VIDEO INPUTS:

Standard: ..... Component 270Mb/s, 1.4835/1.485Gb/s  
Number: ..... Sixteen (16)  
Impedance: ..... 75S, 1%  
Configuration: ..... Single-Ended, AC Coupled  
Return Loss: ..... >18dB

## SDI Outputs:

Number: ..... One, HD/SDI  
Level: ..... 800mV  $\pm$ 10%  
Impedance: ..... 75S,  $\pm$ 1%  
Return Loss: ..... >18dB  
Rise/Fall Time: ..... 1ns  $\pm$  250ps  
Overshoot: ..... <10% of Amplitude  
Equalization: ..... Automatic up to >30dB  
Propagation Delay: ..... 10ns  
Input Cable Length, Max ..... 250m

## ENVIRONMENTAL:

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

## POWER:

Input: ..... 120/240 VAC  $\pm$ 10% 50/60 Hz  
Power: ..... 8 VAR

## MECHANICAL:

Size:  
Height: ..... 1.375 "  
Width: ..... 6.25"  
Depth: ..... 7.0"  
Weight: ..... 8.5 oz



## Ordering Information

AVS-816 Chassis  
816-OP/A, Video Mstrix  
816-OP/B, Audio Matrix  
816-OP/C, SDI Video Matrix  
816-OP/D, AES Audio Marix  
816-OP/E, AES Balanced Connector Panel  
816-OP/F, Unbalanced BNC Connector Panel  
816-OP/G, GPI Option  
816-OP/HD, HD/SDI video matrix, 16X1, two outputs

When configured, the chassis should look like this photo

**LINK ELECTRONICS, INC.**

2137 Rust Ave.  
Cape Girardeau, MO 63703  
Phone: 573 334 4433  
FAX: 573 334 9255

PROFESSIONAL SERIES--

stand-alone system products--by **LINK**

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>