

## 8 x16 Analog Video Only Router

Model 860-XL816A



- ◆ **8 x 16, Analog Video Only**
- ◆ **Local or Remote Control Panel**
- ◆ **AFV, breakaway, or X-Y Control**
- ◆ **Maximum of 256 Remote Panels**
- ◆ **RS-232 Serial Control, Standard**

The 800 Series Routing Switchers are wide bandwidth vertical interval switchers designed for professional video production facilities. The compact design of Link's routing switchers makes them an essential part of any facility.

Packaged in a 19" rack mountable chassis, the switchers are supplied with a single front-loaded power supply. An optional redundant power supply is available. High quality front panel push buttons are used for selection of inputs and outputs.

Remote control panels are interconnected with standard Ethernet 10Base2 single coax connections. RS-232 is provided through a standard D-sub connector. Panels can be set to control a single output bus or the entire matrix.

The Link 8 x 16 routing system features:

- Modular Design – plug-in modules for video & audio. No active components on the frame.
- Two power supply slots are accessible from the front panel. One power supply is standard.
- A redundant power supply is available as an option.
- Detachable X-Y front panel control with Ethernet 10Base2 coax connection.
- Analog video only models and models with audio follow video.
- Digital video only models and models with analog audio follow.
- Digital video only models and models with digital audio follow.
- RS-232 control standard.

### Remote Mounting Kits for Control Panels

The supplied control panel for all switchers is shipped installed into the front of the main electronics chassis. The control panel can be removed from the electronics chassis in the field and installed into a remote mounting kit. The mounting kit hardware includes rack-mounting hardware for the control panel, a blank panel(s) that is installed onto the front of the electronics chassis, and a power supply.

**860-XL816A**  
**860-XL816C**

**8 x 8 Analog Video Only Routing Switcher**  
**8 x 8 Analog Video Routing Switcher with Stereo Audio Follow Video**

**One**  
**One**

# 8 x 8 Routing Switching Systems

## MODEL 860-XL816A

### COMPOSITE VIDEO INPUT:

Number: ..... 8  
Video Level: ..... 1.0Vpp ±6dB  
Impedance: ..... 75S Looping  
Coupling: ..... DC  
Connector: ..... BNC  
Return Loss: ..... 40 dB @ 3.58 or 4.43 MHz

### AUDIO INPUT, Optional, not included:

Connector Type: ..... Weco, 3-Pin Disconnect  
Impedance: ..... 20KS  
Level: ..... +26dBu, maximum  
CMRR: ..... 60dB @ 1 KHz

### COMPOSITE VIDEO OUTPUTS:

Number: ..... 16  
Connector: ..... BNC  
Level: ..... Unity Gain, ±0.1 dB  
Character Video: ..... 90 IRE Units  
Return Loss: ..... 35 dB @ 3.58 or 4.43 MHz  
Character Background: ..... 10 IRE Units  
Impedance: ..... 75S ±1%  
Vertical Interval Switching: ..... Line 6, NTSC  
Frequency Response: ..... ±0.1dB to 5MHz  
..... -3.0dB to 50MHz  
Differential Gain: ..... 0.10%, 10% to 90% APL  
Differential Phase: ..... 0.10°, 10% to 90% APL  
Crosstalk: ..... 62dB to 5 MHz, worse case  
Propagation Delay: ..... 5 nS, typical  
Hum and Noise: ..... >60dB to 5 Hz  
DC Offset: ..... <25mV  
Line Rate Tilt: ..... <0.1%  
Field Rate Tilt: ..... <0.1%  
SNR: ..... -73dB

### AUDIO OUTPUTS, Optional, not included:

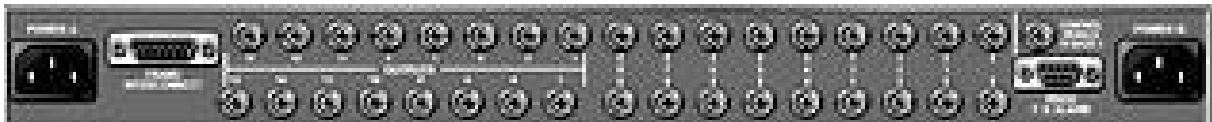
Signal Type: ..... Balanced  
Connector Type: ..... Weco, 3-Pin Disconnect  
Impedance: ..... >30S  
Level: ..... 26dBu, maximum  
Frequency Response: ..... ±0.1dB to 20kHz, ref 1kHz  
Crosstalk: ..... 90dB @ 10 KHz  
DC Offset: ..... <50mV  
SNR: ..... <100dB, 20Hz to 20KHz  
IM/THD: ..... <0.02%

### ENVIRONMENTAL:

Temperature: ..... 0° to 50° C ambient  
Humidity: ..... 10%/90% non-condensing  
Power: ..... 9.5 VAR  
AC Voltage: ..... 120/240 VAC±10%, 50/60Hz

### MECHANICAL:

Height: ..... 1.75 inches  
Width: ..... 19 inches  
Depth: ..... 9.25 inches  
Weight: ..... 9lbs



Rear Panel for 860-XP816A or C