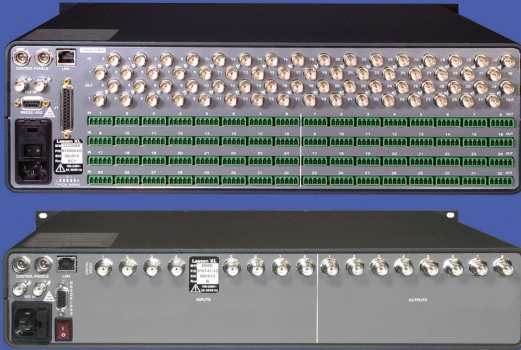




**LASSEN™**

## Lassen Digital



Lassen Digital routing switchers meet the needs of your HD-SDI and SDI workflow with the ultimate in flexible digital signal routing.

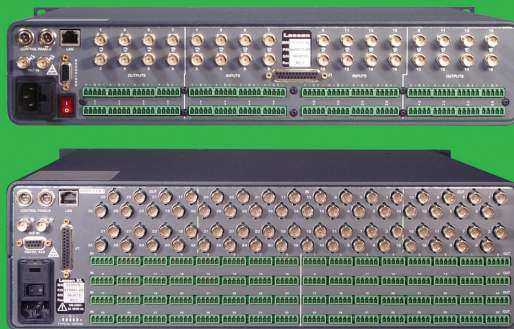
Lassen HD routing switchers employ true multi-rate digital video boards, capable of handling standard serial digital video signals and DVB-ASI along with HD serial digital video signals (SMPTE 292M, 1.485Gbps single link).

Lassen SDI routing switchers provide the flexibility of handling standard serial digital video signals and DVB-ASI, while offering additional cost-savings over Lassen HD routing switchers. Combined with digital or analog audio, expandability and control options, these routing switchers are true digital performers.



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## Lassen Analog

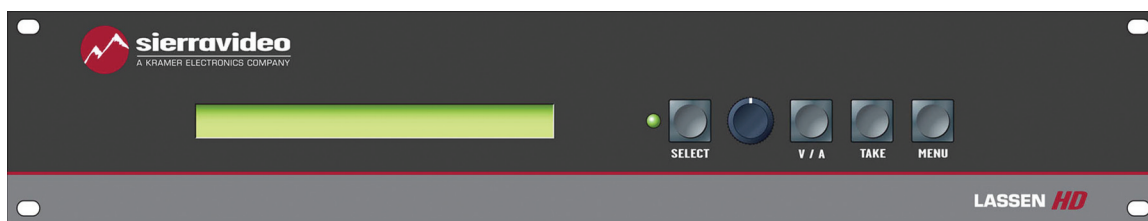


Lassen Analog routing switchers provide all the features required for routing composite video and balanced stereo audio signals in a compact footprint. They employ the extremely responsive and user intuitive Sierra Video front panel Qwik Adjust Knob rotary control interface and come in configurations ranging from 12x4 to 32x32.

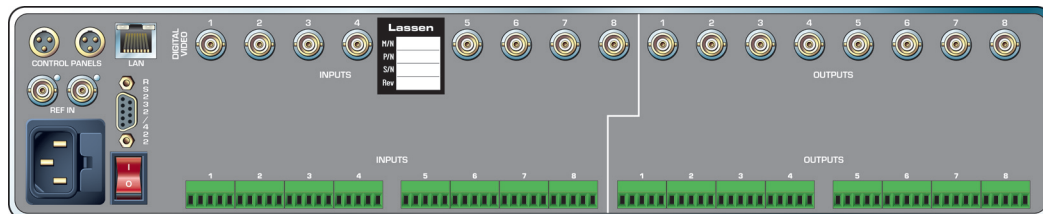
The Lassen XL composite video routing switchers are ideal for live-to-air and post-production facilities, remote trucks, and corporate, scientific, military and educational installations. Lassen XL analog audio routing switchers are equipped with balanced stereo audio and have been designed to eliminate the zipper effect associated with digital level controls.

## LASSEN™ HD-SDI and SDI 8 Series

8 x 8 multi-rate HD-SDI & SDI video routing switchers



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Lassen 88HDS

### Lassen 88HD

8 x 8 multi-rate HD-SDI/SDI video routing switcher

**Optional Configuration:**

- Lassen 88HDEE — 8 x 8 HD-SDI/SDI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 88HDE — 8 x 8 HD-SDI/SDI video + 1-stream (unbalanced) AES/EBU digital audio
- Lassen 88HDS — 8 x 8 HD-SDI/SDI video + analog stereo audio

### Lassen 88D

8 x 8 SDI/DVB-ASI video routing switcher

**Optional Configurations:**

- Lassen 88DEE — 8 x 8 SDI/DVB-ASI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 88DE — 8 x 8 SDI/DVB-ASI video + 1-stream (unbalanced) AES/EBU digital audio
- Lassen 88DS — 8 x 8 SDI/DVB-ASI video + analog stereo audio

**Features:**

The Lassen 88HD high definition video routing switcher employs multi-rate video boards capable of handling standard serial digital video signals including SMPTE 310M, SMPTE 259M, SMPTE 344M, ITU-R BT.601 and DVB-ASI along with HD serial digital video signals conforming to SMPTE 292M (1.485Gbps single link) or SMPTE 372M (2.97Gbps dual link).

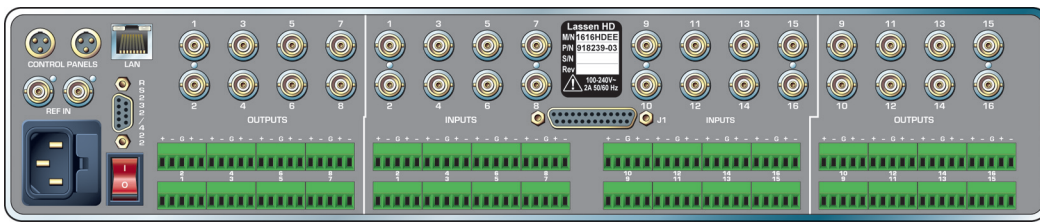
The Lassen 88D serial digital video routing switcher handles standard serial digital video signals including SMPTE 310M, SMPTE 259M and DVB-ASI.

At 2RU, the 8 Series is ideal for digitally equipped remote production and small post-production facilities and staging applications. Both the Lassen HD and Lassen SDI routing switchers offer a choice of balanced or unbalanced AES/EBU digital audio or analog stereo audio. The Lassen 8 Series routing switchers can be controlled locally using the front panel rotary control interface or remotely using any of Sierra Video's SCP programmable, XY, or Single Bus control panels. Additionally, they can be controlled over a network using a web browser, TCP/IP, or serially using RS-232/RS-422 control.

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## LASSEN™ HD-SDI and SDI 16 Series

### 16 x 16 and 16 x 8 multi-rate HD-SDI & SDI video routing switchers



Lassen 1616HDEE



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**Lassen 1616HD****16 x 16 multi-rate HD-SDI/SDI video routing switcher****Optional Configurations:**

- Lassen 1616HDEE – 16 x 16 HD-SDI/SDI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 1616HDE – 16 x 16 HD-SDI/SDI video + 1-stream (unbalanced) AES/EBU digital audio
- Lassen 1616HDS – 16 x 16 HD-SDI/SDI video + analog stereo audio

**Lassen 1608HD****16 x 8 multi-rate HD-SDI/SDI video routing switcher****Optional Configurations:**

- Lassen 1608HDEE – 16 x 8 HD-SDI/SDI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 1608HDE – 16 x 8 HD-SDI/SDI video + 1-stream (unbalanced) AES/EBU digital audio
- Lassen 1608HDS – 16 x 8 HD-SDI/SDI video + analog stereo audio

**Lassen 1616D****16 x 16 SDI/DVB-ASI video routing switcher****Optional Configurations:**

- Lassen 1616DEE – 16 x 16 SDI/DVB-ASI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 1616DE – 16 x 16 SDI/DVB-ASI video + 1-stream (unbalanced) AES/EBU digital audio
- Lassen 1616DS – 16 x 16 SDI/DVB-ASI video + analog stereo audio

**Lassen 1608D****16 x 8 SDI/DVB-ASI video routing switcher****Optional Configurations:**

- Lassen 1608DEE – 16 x 8 SDI/DVB-ASI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 1608DE – 16 x 8 SDI/DVB-ASI video + 1-stream (unbalanced) AES/EBU digital audio
- Lassen 1608DS – 16 x 8 SDI/DVB-ASI video + analog stereo audio

**Features:**

The Lassen HD 16 Series high definition video routing switchers employ multi-rate video boards capable of handling standard serial digital video signals including SMPTE 310M, SMPTE 259M, SMPTE 344M, ITU-R BT.601 and DVB-ASI along with HD serial digital video signals conforming to SMPTE 292M (1.485Gbps single link) or SMPTE 372M (2.97Gbps dual link).

The Lassen 1616D serial digital video routing switcher handles standard serial digital video signals including SMPTE 310M, SMPTE 259M and DVB-ASI.

At 2RU, the Lassen 16 Series is ideal for digitally equipped remote production and post-production facilities and staging applications. Both the Lassen HD and Lassen SDI routing switchers offer balanced AES/EBU digital or analog stereo audio options. The Lassen 16 Series routing switchers can be controlled locally using their front panel rotary control interface or remotely using any of Sierra Video's SCP programmable, XY, or Single Bus control panels. Additionally, they can be controlled over a network using a web browser, TCP/IP, or serially using RS-232/RS-422 control.



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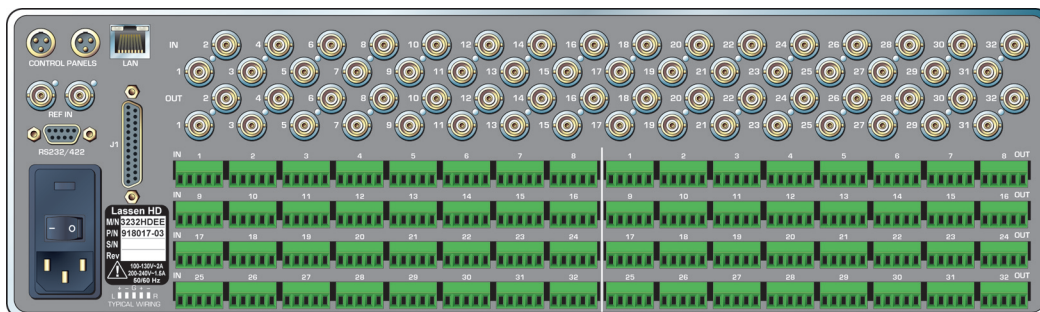
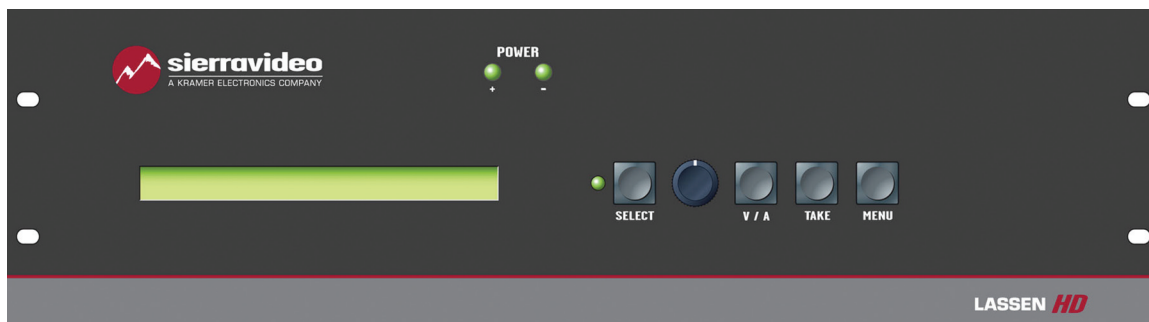


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**LASSEN™ HD and Lassen SDI 32 Series**  
32 x 32 and 32 x 16 multi-rate HD-SDI & SDI video routing switchers

LASSEN



Lassen 3232HDEE

**Lassen 3232HD**  
32 x 32 multi-rate HD-SDI/SDI video routing switcher

**Optional Configurations:**

- Lassen 3232HDEE — 32 x 32 HD-SDI/SDI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 3232HDEER — 32 x 32 HD-SDI/SDI video + 2-streams (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)
- Lassen 3232HDE — 32 x 32 HD-SDI/SDI video + 1-stream (balanced) AES/EBU digital audio
- Lassen 3232HDER — 32 x 32 HD-SDI/SDI video + 1-stream (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)
- Lassen 3232HDS — 32 x 32 HD-SDI/SDI video + analog stereo audio
- Lassen 3232HDSR — 32 x 32 HD-SDI/SDI video + analog stereo audio w/ redundant power supply (at 4RU)
- Lassen 3232HDR — 32 x 32 HD-SDI/SDI video w/ redundant power supply
- Lassen 3232EEExI — 32 x 32 2-streams (balanced) AES/EBU digital audio
- Lassen 3232EERxI — 32 x 32 2-streams (balanced) AES/EBU digital audio w/ redundant power supply (4RU)

**Lassen 3232D**  
32 x 32 SDI/DVB-ASI video routing switcher

**Optional Configurations:**

- Lassen 3232DEE — 32 x 32 SDI/DVB-ASI video + 2-streams (balanced) AES/EBU digital audio
- Lassen 3232DEER — 32 x 32 SDI/DVB-ASI video + 2-streams (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)
- Lassen 3232DE — 32 x 32 SDI/DVB-ASI video + 1-stream (balanced) AES/EBU digital audio
- Lassen 3232DER — 32 x 32 SDI/DVB-ASI video + 1-stream (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)
- Lassen 3232DS — 32 x 32 SDI/DVB-ASI video + analog stereo audio
- Lassen 3232DSR — 32 x 32 SDI/DVB-ASI video + analog stereo audio w/ redundant power supply (at 4RU)
- Lassen 3232DR — 32 x 32 SDI/DVB-ASI video w/ redundant power supply
- Lassen 3232EEExI — 32 x 32 2-streams (balanced) AES/EBU digital audio
- Lassen 3232EERxI — 32 x 32 2-streams (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)

## LASSEN™ HD-SDI and SDI 32 Series

32 x 32 and 32 x 16 multi-rate HD-SDI & SDI video routing switchers

### Lassen 3216HD

32 x 16 multi-rate HD-SDI/SDI video routing switcher

#### Optional Configurations:

Lassen 3216HDEE – 32 x 16 HD-SDI/SDI video + 2-streams (balanced) AES/EBU digital audio

Lassen 3216HDEER – 32 x 16 HD-SDI/SDI video +2-streams (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)

Lassen 3216HDE – 32 x 16 HD-SDI/SDI video + 1-stream (balanced) AES/EBU digital audio

Lassen 3216HDER – 32 x 16 HD-SDI/SDI video +1-stream (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)

Lassen 3216HDS – 32 x 16 HD-SDI/SDI video + analog stereo audio

Lassen 3216HDSR – 32 x 16 HD-SDI/SDI video + analog stereo audio w/ redundant power supply (at 4RU)

Lassen 3216HDR – 32 x 16 HD-SDI/SDI video w/ redundant power supply

Lassen 3216EExl – 32 x 16 2-streams (balanced) AES/EBU digital audio

Lassen 3216EERxl – 32 x 16 2-streams (balanced) AES/EBU digital audio w/ redundant power supply (4RU)

### Lassen 3216D

32 x 16 SDI/DVB-ASI video routing switcher

#### Optional Configurations:

Lassen 3216DEE – 32 x 16 SDI/DVB-ASI video + 2-streams (balanced) AES/EBU digital audio

Lassen 3216DEER – 32 x 16 SDI/DVB-ASI video + 2-streams (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)

Lassen 3216DE – 32 x 16 SDI/DVB-ASI video + 1-stream (balanced) AES/EBU digital audio

Lassen 3216DER – 32 x 16 SDI/DVB-ASI video +1-stream (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)

Lassen 3216DS – 32 x 16 SDI/DVB-ASI video + analog stereo audio

Lassen 3216DSR – 32 x 16 SDI/DVB-ASI video + analog stereo audio w/ redundant power supply (at 4RU)

Lassen 3216DR – 32 x 16 SDI/DVB-ASI video w/ redundant power supply

Lassen 3216EExl – 32 x 16 2-streams (balanced) AES/EBU digital audio

Lassen 3216EERxl – 32 x 16 2-streams (balanced) AES/EBU digital audio w/ redundant power supply (at 4RU)

#### Features:

The Lassen HD 32 Series high definition video routing switchers employ multi-rate video boards capable of handling standard serial digital video signals including SMPTE 310M, SMPTE 259M, SMPTE 344M, ITU-R BT.601 and DVB-ASI along with HD serial digital video signals conforming to SMPTE 292M (1.485Gbps single link) or SMPTE 372M (2.97Gbps dual link).

The Lassen SDI 32 Series serial digital video routing switcher handles standard serial digital video signals including SMPTE 310M, SMPTE 259M and DVB-ASI.

Both the Lassen HD and Lassen SDI routing switchers offer balanced AES/EBU digital or analog stereo audio options, and the 32x32 model can be configured as stand-alone digital audio. The 32 Series can be controlled locally via a front panel rotary control interface or remotely using any of Sierra Video's SCP programmable, XY, or Single Bus control panels. Additionally, they can be controlled over a network using a web browser, TCP/IP, or serially using RS-232/RS-422 control.



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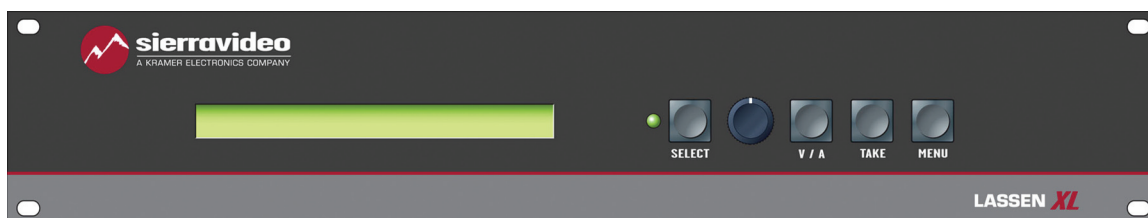
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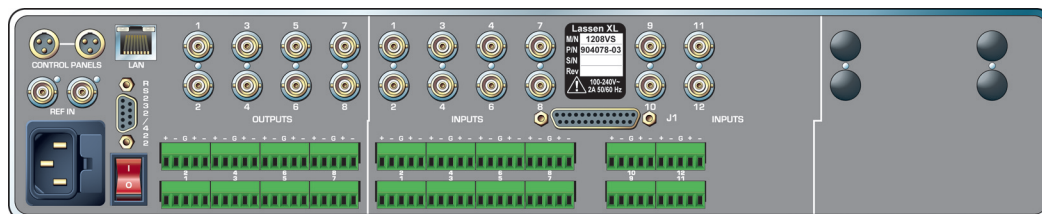
LASSEN

## LASSEN™ XL 12 Series

12 x 8 and 12 x 4 composite video + stereo audio routing switchers



LASSEN



Lassen 1208VSxl

### Lassen 1208VSxl

12 x 8 composite video + stereo audio routing switcher

#### Optional Configuration:

Lassen 1208Vxl – 12 x 8 composite video

### Lassen 1204VSxl

12 x 4 composite video + stereo audio routing switcher

#### Optional Configuration:

Lassen 1204Vxl – 12 x 4 composite video

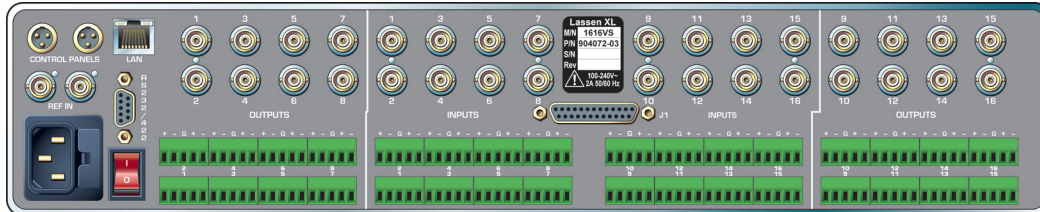
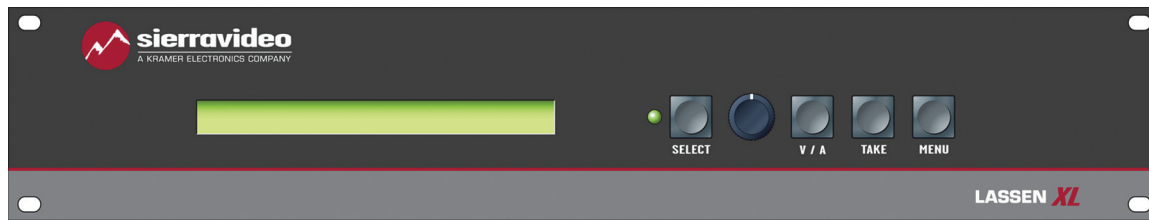
#### Features:

The Lassen XL 12 Series offers flexibility and adaptability to any application where saving space and economics are important. The series is available in a compact 2RU frame and supports breakaway stereo audio (2 levels). The Lassen XL 12 Series can be controlled locally using its front panel rotary control interface or remotely using any of Sierra Video's SCP programmable, XY, or Single Bus control panels. Additionally, it can be controlled over a network using a web browser, TCP/IP, or serially using RS-232/RS-422 control.

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## LASSEN™ XL 16 Series

16 x 16 and 16 x 8 composite video + stereo audio routing switchers



Lassen 1616VSxl

### Lassen 1616VSxl

16 x 16 composite video + stereo audio routing switcher

#### Optional Configuration:

Lassen 1616Vxl – 16 x 16 composite video

### Lassen 1608VSxl

16 x 8 composite video + stereo audio routing switcher

#### Optional Configuration:

Lassen 1608Vxl – 16 x 8 composite video

#### Features:

The Lassen XL 16 Series offers flexibility and adaptability to any application where saving space and economics are important. The series is available in a compact 2RU frame and supports breakaway stereo audio (2 levels). The Lassen XL 16 Series can be controlled locally using its front panel rotary control interface or remotely using any of Sierra Video's SCP programmable, XY, or Single Bus control panels. Additionally, it can be controlled over a network using a web browser, TCP/IP, or serially using RS-232/RS-422 control.

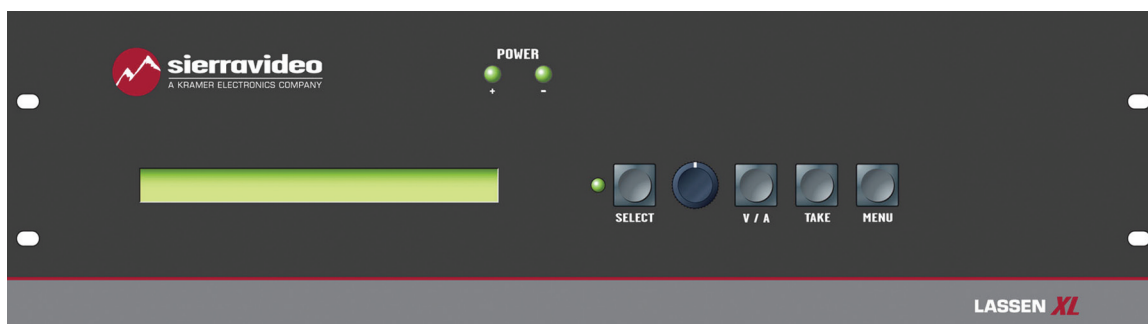
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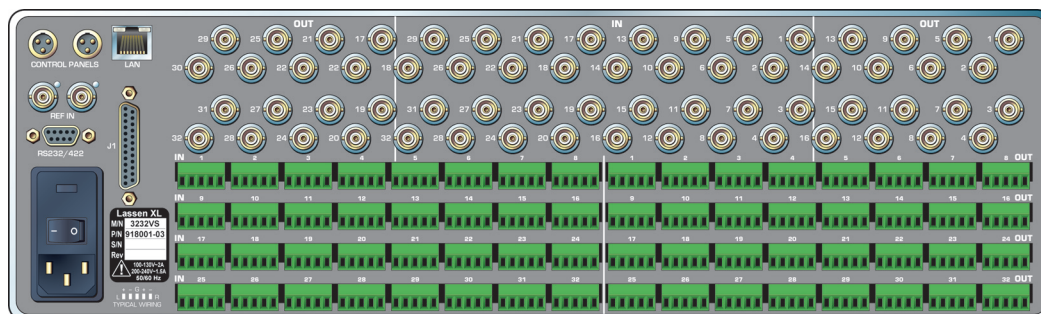
LASSEN

## LASSEN™ XL 32 Series

32 x 32 and 32 x 16 composite video + stereo audio routing switchers



LASSEN



Lassen 3232VSxl

### Lassen 3232VSxl

32 x 32 composite video + stereo audio routing switcher

#### Optional Configurations:

Lassen 3232VSRxl — 32 x 32 composite video + stereo audio w/ redundant power supply (at 4RU)

Lassen 3232Vxl — 32 x 32 composite video

Lassen 3232VRxl — 32 x 32 composite video w/ redundant power supply (at 4RU)

Lassen 3232Sxl — 32 x 32 stereo audio

Lassen 3232SRxl — 32 x 32 stereo audio w/ redundant power supply (at 4RU)

### Lassen 3216VSxl

32 x 16 composite video + stereo audio routing switcher

#### Optional Configurations:

Lassen 3216VSRxl — 32 x 16 composite video + stereo audio w/ redundant power supply (at 4RU)

Lassen 3216Vxl — 32 x 16 composite video

Lassen 3216VRxl — 32 x 16 composite video w/ redundant power supply (at 4RU)

Lassen 3216Sxl — 32 x 16 stereo audio

Lassen 3216SRxl — 32 x 16 stereo audio w/ redundant power supply (at 4RU)

#### Features:

The Lassen XL 32 Series offers flexibility and adaptability to any application where saving space and economics are important. The series is available in a compact 3RU frame (4RU when redundant power supply is added) and supports breakaway stereo audio (2 levels). The series also supports 3-level switching, i.e. VAA. The Lassen XL 32 Series can be controlled locally using its front panel rotary control interface or remotely using any of Sierra Video's SCP programmable, XY, or Single Bus control panels. Additionally, the Series can be controlled over a network using a web browser, TCP/IP, or serially using RS-232/RS-422 control.

The 3RU audio-only models 3232Sxl and 3216Sxl also function as companions to Sierra Pro XL RGBHV routing switcher.



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