



Sierra NLE™ Multi-Level, Multi-Format Routing Switchers

Features:

- Matrix Mapping Universal Breakaway™ Switching for multi-format use
- Adjustable audio gain and attenuation with no zipper effect
- Room grouping of inputs for flexible configuration in multi room applications
- Front panel control interface with LCD display
- IP and RS-232/422 control
- Full range of remote control panels available

Overview:

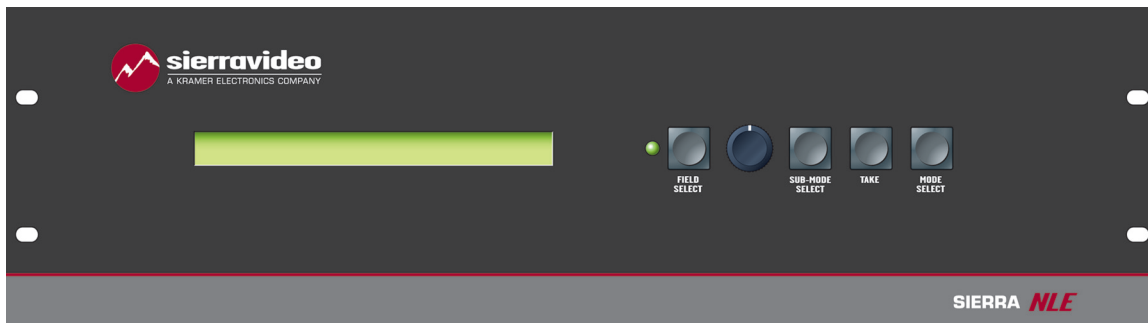
Non-linear editing facilities often need to route a variety of signal formats into and out of their editing system. The Sierra NLE 8x8 and 16x16 routing switchers offer that level of flexibility and much more. Designed specifically for small to mid-sized non-linear editing facilities routing multiple formats, the 8x8 and 16x16 NLE switchers can be configured to include HD-SDI/SDI multi-rate video, SDI-only video, AES/EBU digital audio, composite video, and/or Y/C, RGB/YUV, and/or analog stereo audio, with optional RS-422 machine control in a separate 1RU frame.

The Sierra NLE family features a user-friendly, color-coded (RGBHV) rear panel design and front panel control interface with LCD display for easy front panel control. All models are equipped with an RJ-45 connector for IP control over your LAN or WAN and offer RS-232 serial interface supported by all major third party control systems. Advanced features like Matrix Mapping Universal Breakaway Switching, room grouping and adjustable audio gain and attenuation distance the Sierra NLE family from the competition. With Sierra NLE, presentation professionals can enjoy Sierra Video's trusted experience and technical expertise in a product designed specifically for them.

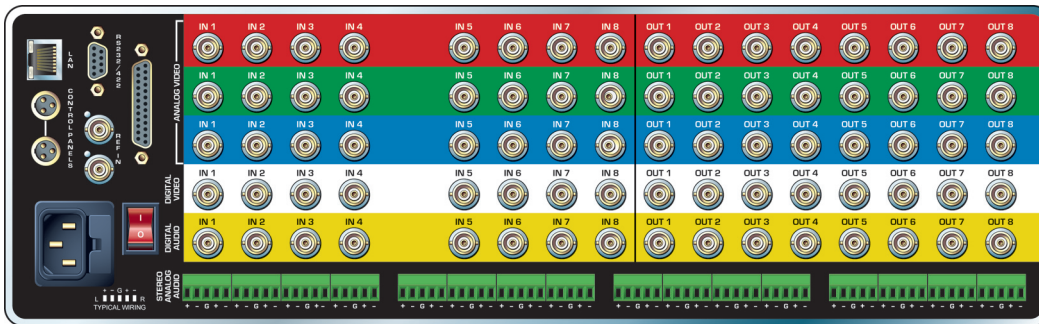


Sierra NLE

Multi-level, multi-format routing switcher



SIERRA NLE



Sierra NLE 88

8 x 8 multi-level, multi-format routing switcher

Popular Configuration Options

Model	1 board - V	2 boards - V2	3 boards - V3	HD/SDI - HD	SDI - D	AES - E	Analog Stereo Audio - S	RS-422 - M
88VHDM	X			X				X
88V2HD		X		X				
88V3HD			X	X				
88VE	X					X		
88V2EM		X				X		X
88V3E			X			X		
88VDS	X				X		X	
88V2DS		X			X		X	
88V3DSM			X		X		X	X

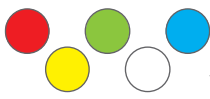
Note: RS-422 machine control (M) sold as separate 1RU frame.

Features:

The Sierra NLE 8x8 routing switcher can be configured to include HD-SDI/SDI multi-rate video, SDI-only video, composite video, Y/C or RGB/YUV, AES/EBU digital audio and/or analog stereo audio, all in a 3RU frame with RS-422 machine control in a separate 1RU frame. The Sierra NLE is equipped with an RJ-45 connector for IP control over your LAN or WAN and offers RS-232 serial interface supported by all major third party control systems

 Specifications

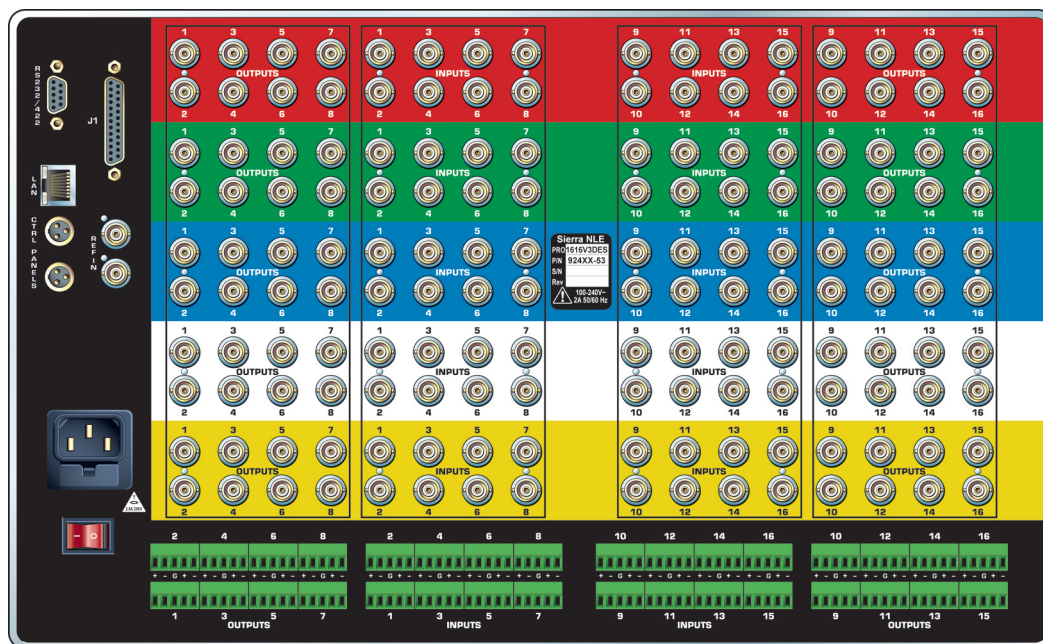
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Sierra NLE

Multi-level, multi-format routing switcher

SIERRA NLE



Sierra NLE 1616

16 x 16 multi-level, multi-format routing switcher

Popular Configuration Options

Model	1 board - V	2 boards - V2	3 boards - V3	HD/SDI - HD	SDI - D	AES - E	Analog Stereo Audio - S	RS-422 - M
1616VDE	X				X	X		
1616V2DE		X			X	X		
1616V3DE			X		X	X		
1616VHDSM	X			X			X	X
1616V2HDSM		X		X			X	X
1616V3HDSM			X	X			X	X

Note: RS-422 machine control (M) sold as separate 1RU frame.

Features:

The Sierra NLE 16x16 routing switcher can be configured to include HD-SDI/SDI multi-rate video, SDI-only video, composite video, Y/C or RGB/YUV, AES/EBU digital audio and/or analog stereo audio, all in a 6RU frame with RS-422 machine control in a separate 1RU frame. The Sierra NLE is equipped with an RJ-45 connector for IP control over your LAN or WAN and offers RS-232 serial interface supported by all major third party control systems.

Specifications

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Sierra NLE

Multi-level, multi-format routing switcher

Sierra NLE Ordering Guide

Level 1	Level 2	Level 3	Level 4	Level 5
Select one: V = composite V2 = Y/C V3 = RGB/YUV	Select one: HD = HD/SDI D = SDI	E = AES/EBU	S = analog stereo audio	M = RS-422 machine control

To order, please indicate:

Sierra NLE 88

V, V2 **HD, D** or blank **E** or blank **S** or blank **M** or blank
V3 or blank

Sierra NLE 1616

V, V2 **HD, D** or blank **E** or blank **S** or blank **M** or blank
V3 or blank



SIERRA NLE



16 Port RS-422 Machine Control 1RU Routing Switcher

805054

With m/s tracking ports. For use only as a machine control level with Sierra NLE routing switchers, or under a Tahoe or Yosemite processor. This frame can not be used in a "stand-alone" mode.



Matrix Mapping Universal Breakaway™ Switching

The Sierra NLE switcher is designed to allow each level of a single input or output to be used independently for various formats. If a Sierra NLE switcher is fully configured with all 7 levels installed, a user can connect some combination of up to three video signals (composite video which takes up one level, s-Video/YC, which takes up two levels, component video, YUV or RGB video, both of which take up three levels) to the video levels of any input. They can also simultaneously connect an HD-SDI or SDI-only video signal, an AES/EBU digital audio signal and either a balanced stereo audio signal or two mono audio signals to the same input. In the Sierra NLE routing switcher, each level of an input can be switched independently or in conjunction with any combination of the other levels on that input to the corresponding level of any combination of the outputs. That is multi-format, multi-level switching.

The diagram below depicts a common setup option for NLE facilities using the Sierra NLE routing switcher. Multiple source devices can connect to Input 2 by utilizing each level of the input. Those sources can then be routed individually to multiple outputs. In the example below, signals from Input 2 are routed to different non-linear editing stations and monitors. When the editor's work is complete, video from his/her editing station can be sent back to the same Sierra NLE unit and, in the example below, output to a recording device or a storage device.

