

Sierra Pro 64 XL™

500MHz Video Routing Switchers for RGBHV, RGBS, Component Video and s-Video

Features:

- 500MHz bandwidth at -3dB fully loaded
- Up to 64 x 64 in 20RU (RGBHV configuration)
- Very Low Crosstalk - 80dB @ 1MHz
- Matrix Mapping Universal Breakaway™ Switching for multi-format use
- Video Follow Sync™ Switching design eliminates glitches during switching
- Room grouping of inputs for flexible configuration in multi-room applications
- Digital Sync Channels (HV) - USP™ Sync Technology re-shapes and re-squares sync to output correct TTL level. Input Detection 200mv.
- Video mute capability
- Genlock input for vertical interval switching
- IP and RS-232 control
- Full range of remote control panels available
- Redundant power supplies standard with primary & redundant status indicators and dual AC inlets

Overview:

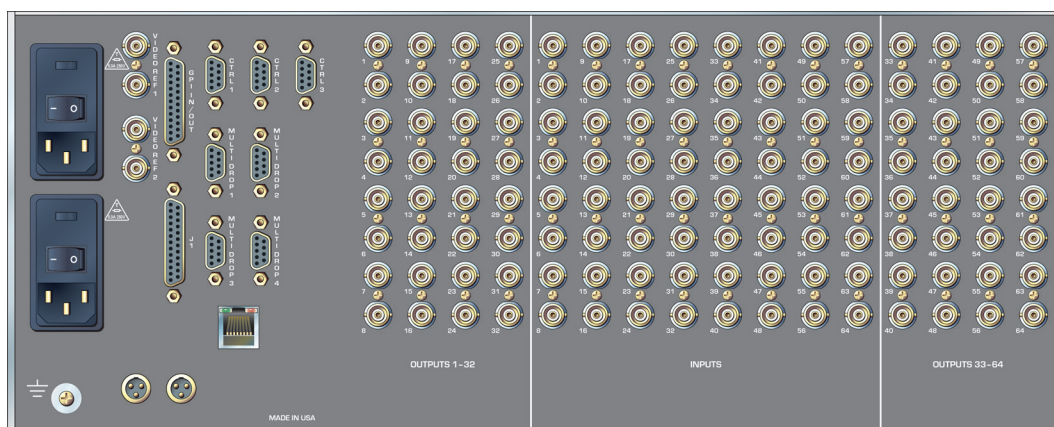
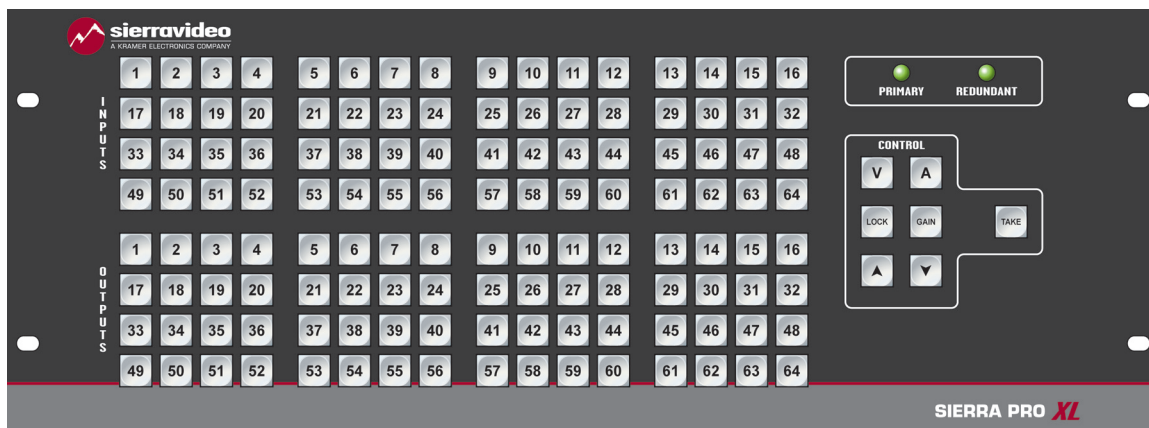
The Sierra Pro 64 XL routing switchers are full-featured 500MHz routing switchers for RGBHV, RGBS, component video (RGB/YUV) and s-Video (Y/C) signals. The routing switchers can be ordered as a 5-channel (RGBHV), 4-channel (RGBS), 3-channel (RGB/YUV) or 2-channel s-Video (Y/C) system. The H and V frames can also be ordered with high bandwidth video boards in place of sync (composite sync) board(s) so video can be input into all channels (or levels) of the routing switcher. Companion analog stereo audio is available in a 5RU frame.



Sierra Pro 64 XL

500MHz wideband video routing switcher up to 64 x 64

SIERRA PRO 64 XL



Sierra Pro 6464V5xl

64 x 64 five-channel 500MHz @ -3dB wideband video routing switcher

Typical Configurations:

- Sierra Pro 6448V5xl – 64 x 48 five-channel 500MHz at -3dB wideband video
- Sierra Pro 6432V5xl – 64 x 32 five-channel 500MHz at -3dB wideband video
- Sierra Pro 4864V5xl – 48 x 64 five-channel 500MHz at -3dB wideband video
- Sierra Pro 4848V5xl – 48 x 48 five-channel 500MHz at -3dB wideband video
- Sierra Pro 4832V5xl – 48 x 32 five-channel 500MHz at -3dB wideband video
- Sierra Pro 3264V5xl – 32 x 64 five-channel 500MHz at -3dB wideband video
- Sierra Pro 3248V5xl – 32 x 48 five-channel 500MHz at -3dB wideband video

- Custom 4-level or 5-level Video optional at additional cost. To order, specify “V4V” or “V5V” option – i.e. 4864V5Vxl

Features:

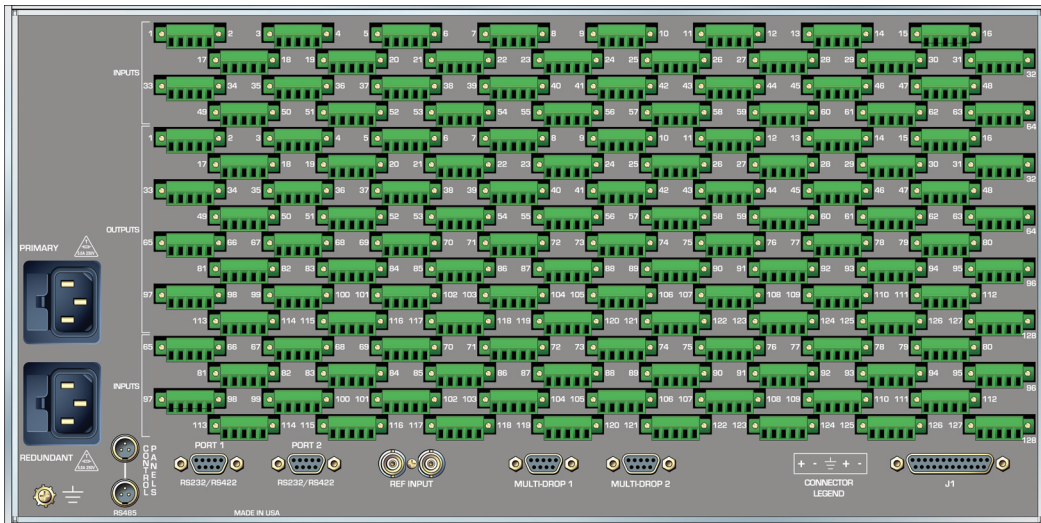
The Sierra Pro 64 XL Series are high bandwidth routing switchers for RGBHV, RGBS, RGB and s-Video (Y/C) signals up to 64x64. Each 20RU system includes 5 compact 4RU frames, one each for the R, G, B, H & V signals. Redundant power supply is standard, employing dual AC inlets.

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Sierra Pro 64 XL Audio Series

Companion analog stereo audio for Sierra Pro 64 XL video routing switcher



6464S

6464S

Up to 64 x 64 analog stereo audio

Typical Configurations:

6448S
 6432S
 4848S
 4832S
 3248S

- Redundant power supply standard.
- These are companion units for the Sierra Pro 64 XL video series frames only.

Features:

The 6464S is a high performance 5RU (8.75") routing switcher for analog stereo audio. They are companion units to the Sierra Pro 64 XL series video frames, redundant power supply is standard.



Specifications

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SIERRA PRO 64 XL



Sierra Pro 64 XL

Performance Specifications

SIERRA PRO 64 XL



Wideband Video

Bandwidth	500MHz @ -3dB
Video Gain	Unity
Crosstalk	-80dB @ 1MHz
Switching Speed	Deterministic

Input

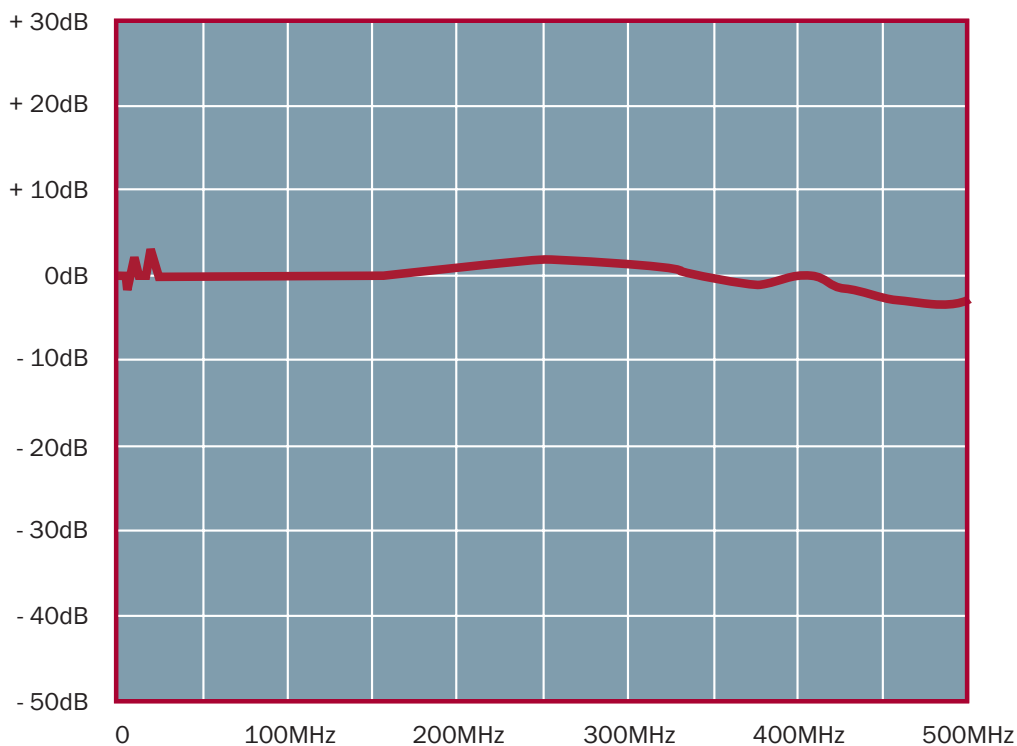
Video Level	0.3V to 2.5V p-p
Impedance	75 Ohm
Return Loss	< -30dB @ 5MHz
Connector Type	BNC

Output

Video Level	0.2V to 5V p-p
Impedance	75 Ohm
Return Loss	< -30dB @ 5MHz
Connector Type	BNC

Incredibly Flat Response Performance

Typical Response Curve for a Sierra Pro XL Routing Switcher, Fully Loaded



Sierra Pro XL video boards yield incredibly flat response for optimal performance and reliability in high bandwidth applications.