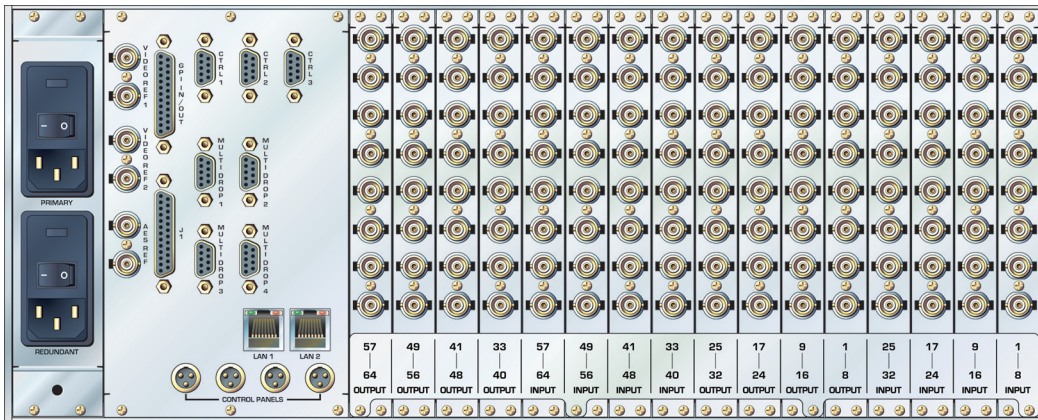




Ponderosa

64 x 64 multi-format HD-SDI/SDI video routing switcher



Ponderosa 6464HD3G

64 x 64 multi-format HD-SDI/SDI video routing switcher

Ponderosa is expandable by 8 input and/or 8 output increments up to 64x64 in a 4RU frame.

Typical Configurations:

6464HD3G	6432HD3G
4832HD3G	4816HD3G

Optional Modules:

Fiber Optic Modules

Sierra Video's new fiber optic module option allows fiber optic cables to be directly connected to Ponderosa routing switchers. Bringing fiber optic cable directly to the routing switcher allows facilities to route fiber feeds either on fiber connectors or BNC connectors. Each module handles eight (8) inputs or eight (8) outputs on LC style connectors using single-mode cable and eliminates external conversion equipment commonly required. The fiber optic module provides bandwidth from 50Mbps to 3Gbps. It allows a cable distance up to 10km @ 3Gbps and can be used wherever long cable runs or distribution and routing of fiber feeds are needed.

Fiber Optic Input Module
 Fiber Optic Output Module

Add part number 521431
 Add part number 521432

Features:

Ponderosa 6464HD3G features multi-rate digital video boards that handle standard serial digital video signals including SMPTE 310M, SMPTE 259M, SMPTE 344M and DVB-ASI along with HD serial digital video signals conforming to SMPTE 372M, SMPTE 292M, and SMPTE 424M. Ponderosa is outfitted with a standard TCP/IP port for IP (Ethernet) control via Mac or PC and offers an RS-232/422 serial interface supported by all major third party control systems. Redundant processors and power supplies are optional. Ponderosa routing switchers are interoperable with any Sierra Video routing switcher, including analog or digital audio, component video or our RS-422 machine control router.

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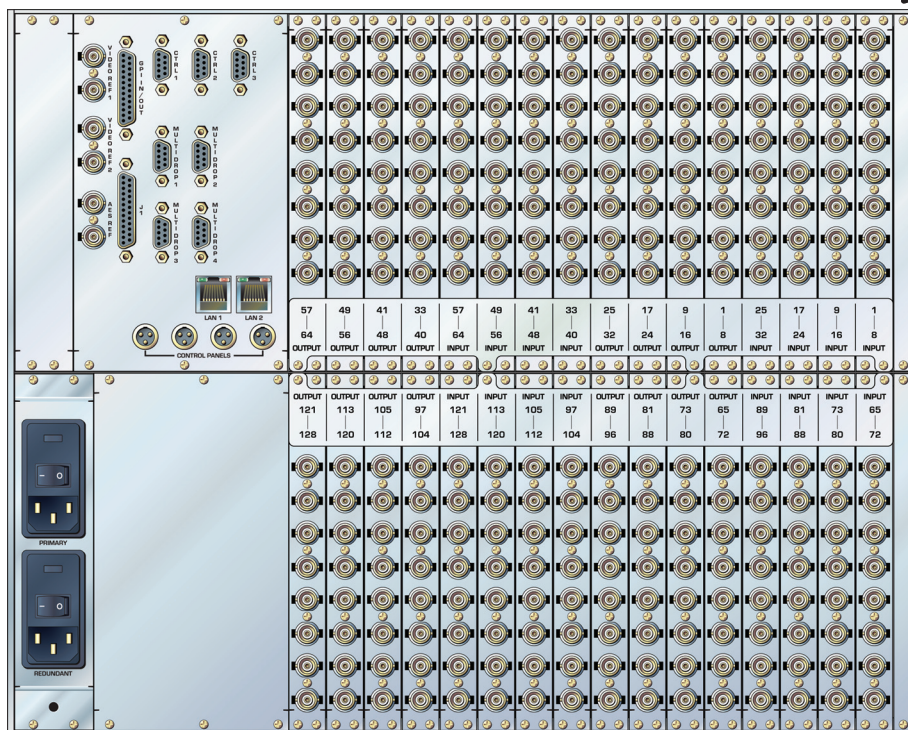


PONDEROSA



Ponderosa

128 x 128 multi-format HD-SDI/SDI video routing switcher



PONDEROSA



Ponderosa 128128HD3G
128 x 128 multi-format HD-SDI/SDI video routing switcher

Ponderosa is expandable by 8 input and/or 8 output increments up to 128x128 in an 8RU frame.

Typical Configurations:

128128HD3G 9664HD3G 8064HD3G

Optional Modules:

Fiber Optic Modules

Sierra Video's new fiber optic module option allows fiber optic cables to be directly connected to Ponderosa routing switchers. Bringing fiber optic cable directly to the routing switcher allows facilities to route fiber feeds either on fiber connectors or BNC connectors. Each module handles eight (8) inputs or eight (8) outputs on LC style connectors using single-mode cable and eliminates external conversion equipment commonly required. The fiber optic module provides bandwidth from 50Mbps to 3Gbps. It allows a cable distance up to 10km @ 3Gbps and can be used wherever long cable runs or distribution and routing of fiber feeds are needed.

Fiber Optic Input Module

Add part number 521431

Fiber Optic Output Module

Add part number 521432

Features:

Ponderosa 128128HD3G features multi-rate digital video boards that handle standard serial digital video signals including SMPTE 310M, SMPTE 259M, SMPTE 344M and DVB-ASI along with HD serial digital video signals conforming to SMPTE 372M, SMPTE 292M, and SMPTE 424M. Ponderosa is outfitted with a standard TCP/IP port for IP (Ethernet) control via Mac or PC and offers an RS-232/422 serial interface supported by all major third party control systems. Redundant processors and power supplies are optional. Ponderosa routing switchers are interoperable with any Sierra Video routing switcher, including analog or digital audio, component video or our RS-422 machine control router.

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Ponderosa

1.5G 64 x 64 & 128 x 128 multi-format HD-SDI/SDI video routing switchers

Ponderosa 6464HD

64 x 64 multi-format HD-SDI/SDI video routing switcher

Ponderosa is expandable by 8 input and/or 8 output increments up to 64x64 in a 4RU frame.

Typical Configurations:

6464HD
 6432HD
 4832HD
 4816HD

Ponderosa 128128HD

128 x 128 multi-format HD-SDI/SDI video routing switcher

Ponderosa is expandable by 8 input and/or 8 output increments up to 64x64 in a 4RU frame.

Typical Configurations:

128128HD
 9664HD
 8064HD

Optional Modules:

Fiber Optic Modules

Sierra Video's new fiber optic module option allows fiber optic cables to be directly connected to Ponderosa routing switchers. Bringing fiber optic cable directly to the routing switcher allows facilities to route fiber feeds either on fiber connectors or BNC connectors. Each module handles eight (8) inputs or eight (8) outputs on LC style connectors using single-mode cable and eliminates external conversion equipment commonly required. The fiber optic module provides bandwidth from 50Mbps to 1.5Gbps. It allows a cable distance up to 10km and can be used wherever long cable runs or distribution and routing of fiber feeds are needed.

Fiber Optic Input Module

Add part number 521401

Fiber Optic Output Module

Add part number 521402

Digital-to-Analog Conversion Output Module

Sierra Video's digital-to-analog conversion output module takes a valid 270Mbps digital video input signal and converts the signal to output composite analog video. Each output automatically detects the incoming format and delivers the corresponding composite output in either NTSC or PAL. The module provides high-quality D-to-A conversion where digital signals are monitored or where conversion to composite is required for duplication or distribution.

Digital-to-Analog Conversion Output Module

Add part number 521702-00

Features:

The Ponderosa 6464HD and 128128HD routing switchers feature multi-rate digital video boards that handle standard serial digital video signals including SMPTE 310M, SMPTE 259M, SMPTE 344M and DVB-ASI up to 540 Mbps along with HD serial digital video signals conforming to SMPTE 292M (1.485Gbps single link). The Ponderosa control system also allows easy set up for 3.0Gbps two-channel operation (Dual Link).

Ponderosa is outfitted with a standard TCP/IP port for IP (Ethernet) control via Mac or PC and offers an RS-232/422 serial interface supported by all major third party control systems. Redundant processors and power supplies are optional. Ponderosa routing switchers are interoperable with any Sierra Video routing switcher, including analog or digital audio, component video or our RS-422 machine control router.



PONDEROSA

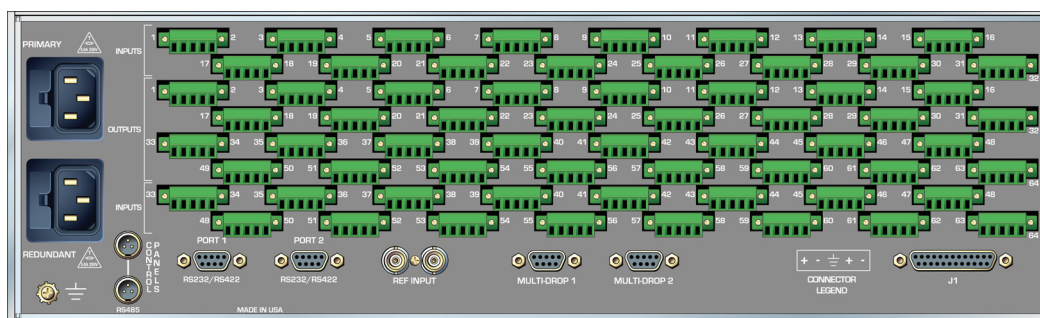
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Ponderosa

Companion analog audio for Ponderosa 64 x 64 video routing switcher



6464A

6464A or 3232AA

Up to 64 x 64 analog audio routing switcher or up to 32 x 32 analog stereo audio routing switcher

Typical Configurations:

- 3264A
- 6432A
- 1632AA
- 3216AA

Other configurations available upon request.

Options for 6464A/3232AA Systems:

Serial control module for stand-alone operation

order one 504001

Features:

The 6464A is a high performance 3RU (5.25") routing switcher for up to 64 x 64 monaural analog audio. Each frame may be configured to provide up to 32 x 32 analog stereo audio (3232AA), or two frames may be used in conjunction for up to 64 x 64 analog stereo audio at 6RU (10.5"). This unit can be used as a stand-alone routing switcher with the addition of an optional serial control module. Redundant power supply is standard.

Note: For stand-alone audio, a serial control module must be ordered with the frame.



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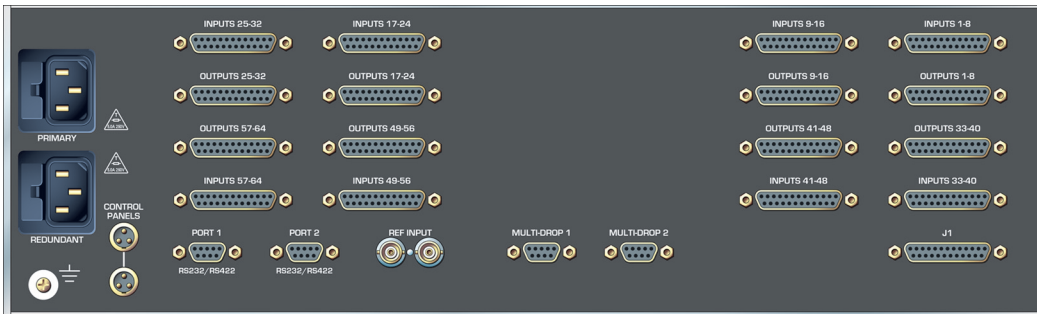
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Ponderosa

Companion AES/EBU digital audio for Ponderosa 64 x 64 video routing switcher



6464E or 3232EE

Up to 64 x 64 digital audio routing switcher or up to 32 x 32 digital stereo audio routing switcher

Typical Configurations:

3264E
 6432E
 1632EE
 3216EE

Other configuration options available upon request.

Options for 6464E/3232EE Systems:

- Serial control module for stand-alone operation
- Screw terminal adapters

order one 504001
 See page 167

Features:

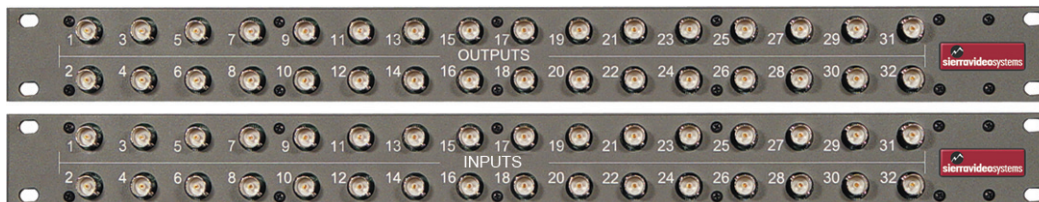
The 6464E is a high performance 3RU (5.25") routing switcher for up to 64 x 64 AES asynchronous audio. Each frame may be configured to provide up to 32 x 32 digital stereo audio (3232EE), or two frames may be used in conjunction for up to 64 x 64 digital stereo audio at 6RU (10.5"). This routing switcher provides cost-effective, high performance routing of any AES sampling rate from 32KHz to 96KHz and uses high-frequency digital 110 Ohm balanced line receivers. It can also be ordered supporting S/PDIF single-ended signals with an input/output impedance of 75 Ohm.

The 6464E/3232EE can be used as a stand-alone routing switcher with the addition of an optional serial control module. Redundant power supply is standard.

Note: For stand-alone audio, a serial control module must be ordered with the frame.

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AES 750hm BNC adaptor included:



- AES audio output adapter panel, DB25 to BNC AC110BNC75
 - AES audio input adapter panel, BNC to DB25 AC75BNC110
- (For AES routers to convert 110 Ohm to 75 Ohm for unbalanced digital audio. Rear-rack mountable that supports 32 inputs or outputs.)

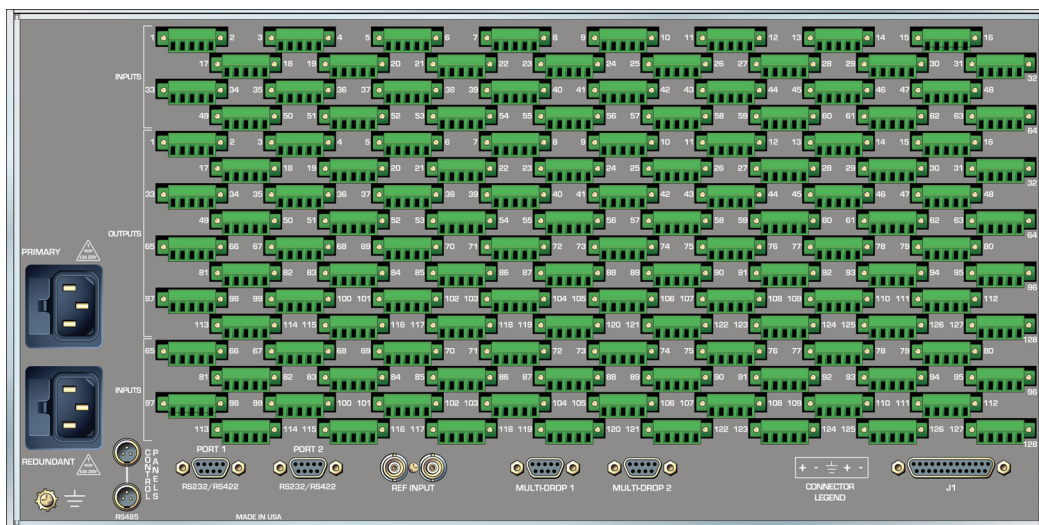


PONDEROSA



Ponderosa

Companion analog audio for Ponderosa 128 x 128 video routing switcher



128128A

PONDEROSA



128128A or 6464AA

Up to 128 x 128 analog audio routing switcher or up to 64 x 64 analog stereo audio routing switcher

Typical Configurations:

- 9664A
- 12864A
- 96128A
- 2896A
- 3264AA
- 6432AA
- 6448AA
- 1664AA

Other configurations available upon request.

Options for 128128A/6464AA Systems:

Serial control module for stand-alone operation

Order one 504001

Features:

The 128128A is a high performance 5RU (8.75") routing switcher for up to 128 x 128 monaural analog audio. Each frame may be configured to provide up to 64 x 64 analog stereo audio (6464AA), or two frames may be used in conjunction for up to 128 x 128 analog stereo audio at 10RU (17.5"). This unit can be used as a stand-alone routing switcher with the addition of an optional serial control module. Redundant power supply is standard.

Note: For stand-alone audio, a serial control module must be ordered with the frame.



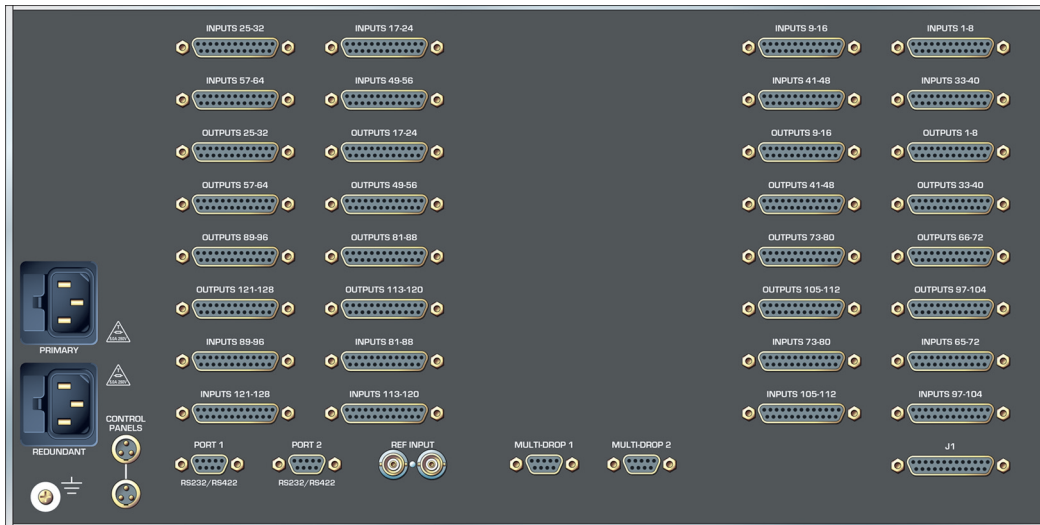
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Ponderosa
Companion AES/EBU digital audio for Ponderosa 128 x 128 video routing switcher

128128E
128128E or 6464EE

Up to 128 x 128 digital audio routing switcher or up to 64 x 64 digital stereo audio routing switcher

Optional Configurations:

 6496E
 64128E
 96128E
 12896E
 3264AA
 6432EE
 6448EE
 1664EE

Options for 128128E/6464EE Systems:

On BNC adaptors

Screw terminal adaptors

See page 67

See page 167

Features:

The 128128E is a high performance 5RU (8.85") routing switcher for up to 128 x 128 AES asynchronous audio. Each frame may be configured to provide up to 64 x 64 digital stereo audio (3232EE), or two frames may be used in conjunction for up to 128 x 128 digital stereo audio at 10RU (17.5"). This routing switcher provides cost-effective, high performance routing of any AES sampling rate from 32KHz to 96KHz and uses high-frequency digital 110 Ohm balanced line receivers. It can also be ordered supporting S/PDIF single-ended signals with an input/output impedance of 75 Ohm.

The 128128E/6464EE can be used as a stand-alone routing switcher with the addition of an optional serial control module. Redundant power supply is standard.

Note: For stand-alone audio, a serial control module must be ordered with the frame.



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