

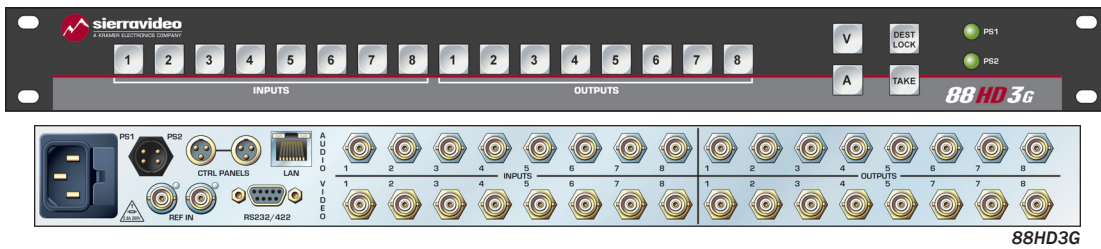


JUNIPER™ 3G 8 Series

8 x 8 3Gbps HD-SDI/SDI Routing Switchers



JUNIPER



Juniper 88HD3G

8 x 8 HD-SDI/SDI routing switcher

Optional Configurations:

Juniper 88HDEE3G — 8 x 8 HD-SDI/SDI routing switcher + 2-streams AES/EBU balanced audio

Juniper 88HDE3G — 8 x 8 HD-SDI/SDI routing switcher + 1-stream AES/EBU unbalanced audio

Juniper 88HDS3G — 8 x 8 HD-SDI/SDI routing switcher + balanced analog stereo audio

For redundant operation power, add model number 704208 when ordering.

Features:

Juniper 3G 8 Series high definition 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 424M.

Juniper 3G 8 Series frames can be ordered as video only or with unbalanced (1-stream) AES/EBU digital audio, balanced (2-streams) AES/EBU digital or balanced analog stereo audio. The series provides automatic reclocking and equalized inputs, and can be controlled locally using their front panel push-button control panel 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.

 Control
 Specifications

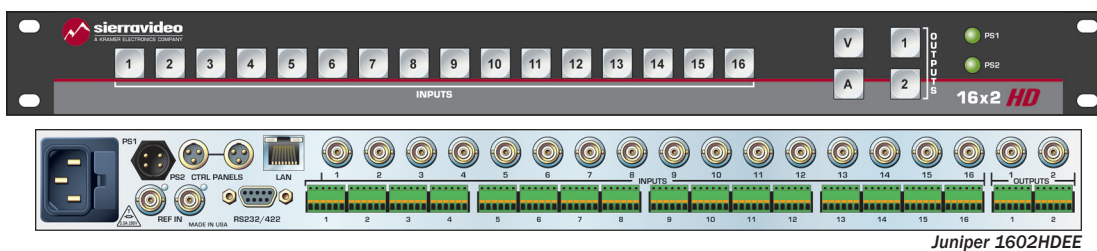
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JUNIPER™ 16 Series

16 x 2 and 16 x 1 HD-SDI/SDI Routing Switchers



Juniper 1602HD

16 x 2 multi-rate HD-SDI/SDI routing switcher

Optional Configurations:

- Juniper 1602HDEE – 16 x 2 HD-SDI/SDI routing switcher + 2-streams AES/EBU balanced audio
- Juniper 1602HDE – 16 x 2 HD-SDI/SDI routing switcher + 1-stream AES/EBU unbalanced audio
- Juniper 1602HDS – 16 x 2 HD-SDI/SDI routing switcher + balanced analog stereo audio

Juniper 1601x2HD

16 x 1 HD-SDI/SDI routing switcher with dual outputs

Optional Configurations:

- Juniper 1601x2HDEE – 16 x 1 HD-SDI/SDI routing switcher + 2-streams AES/EBU balanced audio with dual outputs
- Juniper 1601x2HDE – 16 x 1 HD-SDI/SDI routing switcher + 1-stream AES/EBU unbalanced audio with dual outputs
- Juniper 1601x2HDS – 16 x 1 HD-SDI/SDI routing switcher + balanced analog stereo audio with dual outputs

Juniper 1601HD

16 x 1 HD-SDI/SDI routing switcher

Optional Configurations:

- Juniper 1601HDEE – 16 x 1 HD-SDI/SDI routing switcher + 2-streams AES/EBU balanced audio
- Juniper 1601HDE – 16 x 1 HD-SDI/SDI routing switcher + 1-stream AES/EBU unbalanced audio
- Juniper 1601HDS – 16 x 1 HD-SDI/SDI routing switcher + balanced analog stereo audio

For redundant operation power, add model number 704208 when ordering.

Features:

The Juniper 16 Series high definition 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 basic 16 Series frame can be configured with 16 inputs/2 outputs, 16 inputs/1 output or 16 inputs/dual output (2 outputs that switch in conjunction, eliminating the need for additional DA hardware). Each of those configurations can, in turn, be ordered with Sierra Video's Silent Switch technology. (See facing page for details.)

Juniper 16 Series frames can be ordered as video only or with unbalanced (1-stream) AES/EBU digital audio, balanced (2-streams) AES/EBU digital or balanced analog stereo audio. The series provides automatic reclocking and equalized inputs, and can be controlled locally using their front panel push-button control panel 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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JUNIPER™ 16 Series
16 x 2 and 16 x 1 Silent Switch HD-SDI/SDI Routing Switchers

Juniper Silent Switch

Juniper 16 Series routing switchers can be equipped with Sierra Video's Silent Switch technology. Silent Switch technology allows users to complete a seamless switch between synchronous HD video signals with embedded audio, eliminating the popping or clicking noise associated with ordinary HD-SDI and SDI routing switchers. Silent Switch technology is critical for live-to-air HD video operations such as broadcast of live sporting events or live performances.

Juniper 1602HD SLT
16 x 2 Silent Switch HD-SDI/SDI routing switcher
Optional Configurations:

Juniper 1602HDEE SLT – 16 x 2 Silent Switch HD-SDI/SDI routing switcher + 2-channel AES/EBU balanced audio

Juniper 1602HDE SLT – 16 x 2 Silent Switch HD-SDI/SDI routing switcher + 1-channel AES/EBU unbalanced audio

Juniper 1602HDS SLT – 16 x 2 Silent Switch HD-SDI/SDI routing switcher + balanced analog stereo audio

Juniper 1601x2HD SLT
16 x 1 Silent Switch HD-SDI/SDI routing switcher with dual outputs
Optional Configurations:

Juniper 1601x2HDEE SLT – 16 x 1 Silent Switch HD-SDI/SDI routing switcher + 2-channel AES/EBU balanced audio with dual outputs

Juniper 1601x2HDE SLT – 16 x 1 Silent Switch HD-SDI/SDI routing switcher + 1-channel AES/EBU unbalanced audio with dual outputs

Juniper 1601x2HDS SLT – 16 x 1 Silent Switch HD-SDI/SDI routing switcher + balanced analog stereo audio with dual outputs

Juniper 1601HD SLT
16 x 1 HD-SDI/SDI routing switcher
Optional Configurations:

Juniper 1601HDEE SLT – 16 x 1 Silent Switch HD-SDI/SDI routing switcher + 2-channel AES/EBU balanced audio

Juniper 1601HDE SLT – 16 x 1 Silent Switch HD-SDI/SDI routing switcher + 1-channel AES/EBU unbalanced audio

Juniper 1601HDS SLT – 16 x 1 Silent Switch HD-SDI/SDI routing switcher + balanced analog stereo audio

For redundant operation power, add model number 704208 when ordering.



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