

Sublime analog audio

Compact analog audio routers with control panel routers

Nevion's Sublime analog stereo audio routers are low power, high reliability products providing high signal quality for professional broadcast audio routing applications. As with all Sublime routers the audio routers are controllable through Ethernet—RS232 or NCB—fitting into most analog audio routing applications. Its extensive third-party support together with high configurability ensures easy integration with existing larger routing systems.



Key features

- Balanced stereo analog audio router ranging from 8x8 in 1RU to 64x64 in 4RU
- Embedded control panel
- Can be used for TimeCode routing
- Partitioning (for square routers only)
- SL-A1602: expandable up to 128x2
- Control via IP/Ethernet, RS232, NCB
- 5cm (2in) frame depth allowing front and rear rack mount
- Ultra-low power high-reliability design
- Redundant power supplies



Ordering options without control panels

12453 SL-A0808	8x8 analog audio 1RU router
12473 SL-A1602	16x2 analog audio 1RU router
12493 SL-A1616	16x16 analog audio 1RU router
16727 SL-A3232	32x32 analog audio 2RU router
16735 SL-A6464	64x64 analog audio 4RU router

Ordering options with control panels

12454 SL-A0808-CP	8x8 analog audio 1RU router with control panel
12474 SL-A1602-CP	16x2 analog audio 1RU router with control panel
12494 SL-A1616-CP	16x16 analog audio 1RU router with control panel
16728 SL-A3232-CP	32x32 analog audio 2RU router with control panel
16736 SL-A6464-CP	64x64 analog audio 4RU router with control panel



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SL-A0808/SL-A0808-CP

8x8 analog audio router



Dimensions
483x44x50mm (19", 1RU)

SL-A1602/SL-A1602-CP

16x2 analog audio router



Dimensions
483x44x50mm (19", 1RU)

SL-A1616/SL-A1616-CP

16x16 analog audio router



Dimensions
483x44x50mm (19", 1RU)

SL-A3232/SL-A3232-CP

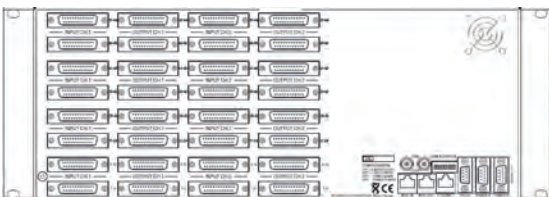
32x32 analog audio router



Dimensions
483x88x50mm (19", 2RU)

SL-A6464/SL-A6464-CP

64x64 analog audio router



Dimensions
483x176 50mm (19", 4RU)

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Power supply

SL-PWR-40	40W Power supply unit for 8x8 – 16x16 versions
SL-PWR-90	90W Power supply unit for 32x32 and 64x64 versions

See specs for power supplies in the Sublime accessories section.

Control

Standard features	
Serial port	RS232 for protocol conversion, to VikinX compact control protocol, or to third-party protocols
Connector	DE9, D-sub 9-pin female
NCB ports	For integration with VikinX compact router configuration
Connectors	2x RJ45 (1 in/1 out)
Ethernet port	10/100 Base-T Ethernet bus for external router control
Connector	RJ45
Optional features	
Control panel	Optional, built-in control panel available External control panels available

Supported protocols

MRP (IP), NCB Compact (serial), NCB Sublime (serial), GVG/Thomson Native (IP), Leitch PassThru (IP and serial), Triton (serial)

Supported formats

Signal type	N10, Pflichtenheft Nr. 3/5 1995 Balanced analog audio 20Hz – 20kHz LTC time code
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Electrical signal specifications

Frequency response	20Hz – 20kHz: ± 0.5 dB
Gain	0dB ± 0.3 dB
Crosstalk	< -100dB up to 20kHz for 8x8 – 32x32 routers < -90dB up to 20kHz (< -100dB up to 5kHz) for SL-A6464/SL-A6464-CP routers
Click noise	< 50dBu
THD+N	< 0.01% at +6dBu (40Hz to 20kHz) < 0.1% at +22dBu (40Hz to 20kHz)
Connector	DB25 female
Input Impedance	> 10 kOhm
Input CMRR	> 60dB up to 15kHz
Output impedance	< 66 Ohm

Reference inputs

Number of inputs	1
Connector	75 Ohm BNC female, loop-thru
Return loss	>40dB (100 kHz – 5 MHz) >35dB (5 – 10 MHz)
Signal format	NTSC or PAL Black&Burst
Signal level	Nominal 1.0Vp-p
Field selectivity	Field 1
Timing range	PAL: within clock-intervals (27MHz) 565 – 835 in line 6 NTSC: within clock-intervals (27MHz) 565 – 835 in line 10.