

NK-A64 AN-AUD

Stereo Analog Audio Router

Key Features

- Compact size
- Balanced inputs (can be wired unbalanced)
- Wide band frequency response
- Common mode rejection >60dB
- 64x64 expandable from 8x8 in groups of 8
- Excellent performance and specifications
- Low power consumption
- Integrated NK Series Control
- Universal power supply included
- Optional redundant power
- 5-year transferable warranty



NK-A64

Technical Specifications

| NK-A64 | |
|----------------------|--|
| INPUTS | |
| Connection | DB25 connector |
| Total # of Inputs | 64 |
| Input Impedance | 24k Ω |
| Nominal Input Level | +4dBu or -10dBu (solder link selectable) |
| Maximum Input Level | +24dBu |
| OUTPUTS | |
| Connection | balanced active differential DB-25 |
| Total # of Outputs | 64 |
| Output Impedance | 50 Ω |
| Nominal Output Level | +4dBu or -10dBu (selectable via solder links per output) |
| Maximum Output Level | +24dBu |
| PERFORMANCE | |
| Frequency Response | ± 0.1 dB 20Hz to 20kHz -3dB, 100kHz |
| Distortion | 0.005% |
| Noise | -90dB below +4dBu |
| Crosstalk | below noise |
| GENERAL | |
| Number of Levels | dual independent crosspoint layers |
| Control Level | no |
| Partitioning | up to 8 partitions per layer with independent level assignment |
| Configuration | web browser via NK-IPS, DashBoard Control System via NK-IPS |
| Dimensions | 3RU, depth 12.0cm |
| Power Consumption | 75W |
| Power Supply | ± 15 V DC |

Specifications subject to change without prior notice.

Ordering Information

NK-A64 Routers

| | |
|------------|----------------------------------|
| NK-A64 | 64x64 Stereo Analog Audio Router |
| NK-A64(32) | 32x32 Stereo Analog Audio Router |

NK-A64 Router Components

| | |
|----------|--|
| NK-A-FRM | 64x64 Stereo Analog Audio Router Frame |
| NK-IA | 8 Channel Stereo Analog Input Card |
| NK-OA | 8 Channel Stereo Analog Output Card |
| NK-P3 | Spare, Non-Redundant 100W, +15V Power Supply |

NK-A64 Rack Mount Redundant Power

| | |
|-----------|---|
| NK-RP1/PN | Rack Mount, 1RU, 100W, ± 15 V Redundant Power Supply* |
| NK-D12/P | NK-RP1/PN Power Supply Cable for NK-A64 |

*For more information on the rack mount power supply system, please see page 216