

NK-D-110 Series AES

AES / EBU Digital Audio Router Series (110Ω)

Key Features

- Compact size
- AES / EBU routing system
- Data rates 32 to 192KHz
- Passes Dolby® and other compressed audio
- 110Ω balanced DB25 inputs and outputs
- 16x4, 16x16, 32x32 fixed sizes
- Excellent performance and specifications
- Low power consumption
- Integrated NK Series Control
- Universal power supply included
- Optional redundant power
- 5-year transferable warranty



NK-D164-110



NK-D16-110



NK-D32-110

Technical Specifications

	NK-D164-110	NK-D16-110	NK-D32-110
INPUTS			
Connection	110Ω balanced DB25 connectors	110Ω balanced DB25 connectors	110Ω balanced DB25 connectors
Total # of Inputs	16	16	32
Level	1-7 V p-p	1-7 V p-p	1-7 V p-p
Cable EQ	up to 100m Belden B1800B	up to 100m Belden B1800B	up to 100m Belden B1800B
OUTPUTS			
Connection	110Ω unbalanced DB25 connectors	110Ω unbalanced DB25 connectors	110Ω unbalanced DB25 connectors
Total # of Outputs	4	16	32
Clocking	non-reclocking	non-reclocking	non-reclocking
Level	2-4 V p-p	2-4 V p-p	2-4 V p-p
PERFORMANCE			
Jitter	<2ns (0.013 UI)	<2ns (0.013 UI)	<2ns (0.013 UI)
Data Rates	32 to 192kHz	32 to 192kHz	32 to 192kHz
GENERAL			
Partitioning	up to 8 partitions with independent level assignment		
Configuration	basic web browser via NK-IPS or comprehensive via DashBoard & NK-IPS		
Dimensions	1RU, depth 6.4cm	1RU, depth 6.4cm	2RU, depth 6.4cm
Power Consumption	7.5W	7.5W	15W
Power Supply	+15 V DC	+15 V DC	+15 V DC

Specifications subject to change without prior notice.

Ordering Information

NK-D164-110, NK-D16-110 & NK-D32-110 Routers

NK-D164-110	16x4 AES / EBU Digital Audio Router (110Ω)
NK-D16-110	16x16 AES / EBU Digital Audio Router (110Ω)
NK-D32-110	32x32 AES / EBU Digital Audio Router (110Ω)

NK-D164-110, NK-D16-110 & NK-D32-110 Rack Mount Redundant Power

NK-RP1/P	Rack Mount, 1RU, 100W, +15V Redundant Power Supply
NK-D12/PN	NK-RP1/P Power Supply Cable for NK-D164-110, NK-D16-110 & NK-D32-110

NK-D164-110, NK-D16-110 & NK-D32-110 External Redundant Power

NK-P1	Spare or Redundant, 50W, +15V External Power Supply*
NK-DRY	Y Cable for Two NK-P1 External Power Supplies

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