

# NK-D-75 Series AES

## AES / EBU Digital Audio Router Series (75Ω)

### Key Features

- Compact size
- AES / EBU routing system
- Data rates 32 to 192KHz
- Passes Dolby® and other compressed audio
- 75Ω unbalanced BNC 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-D164-75



NK-D16-75



NK-D32-75

## Technical Specifications

	NK-D164-75	NK-D16-75	NK-D32-75
<b>INPUTS</b>			
Connection	75Ω unbalanced BNC	75Ω unbalanced BNC	75Ω unbalanced BNC
Total # of Inputs	16	16	32
Level	1 V p-p	1 V p-p	1 V p-p
Cable EQ	up to 300m Belden 1694	up to 300m Belden 1694	up to 300m Belden 1694
<b>OUTPUTS</b>			
Connection	75Ω unbalanced BNC	75Ω unbalanced BNC	75Ω unbalanced BNC
Total # of Outputs	4	16	32
Clocking	non-reclocking	non-reclocking	non-reclocking
Level	1 V p-p	1 V p-p	1 V p-p
<b>PERFORMANCE</b>			
Jitter	<2ns (0.013 UI)	<2ns (0.013 UI)	<2ns (0.013 UI)
Data Rates	32 to 192kHz	32 to 192kHz	32 to 192kHz
<b>GENERAL</b>			
Partitioning	up to 8 partitions with independent level assignment		
Configuration	web browser or comprehensive via DashBoard Control System configuration via 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-D164-75, NK-D16-75 & NK-D32-75 Routers

NK-D164-75	16x4 AES / EBU Digital Audio Router (75Ω)
NK-D16-75	16x16 AES / EBU Digital Audio Router (75Ω)
NK-D32-75	32x32 AES / EBU Digital Audio Router (75Ω)

### NK-D164-75, NK-D16-75 & NK-D32-75 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-D164-75, NK-D16-75 & NK-D32-75

### NK-D164-75, NK-D16-75 & NK-D32-75 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