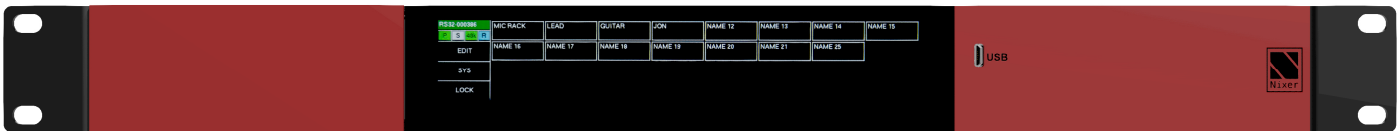


Nixer RS32

Audio over IP Digital Switch

A compact 1RU 19" 32-way digital switch with 64 inputs and 64 outputs designed for Theatre, Fixed Instal and Broadcast and available for use in Dante or Ravenna networks.



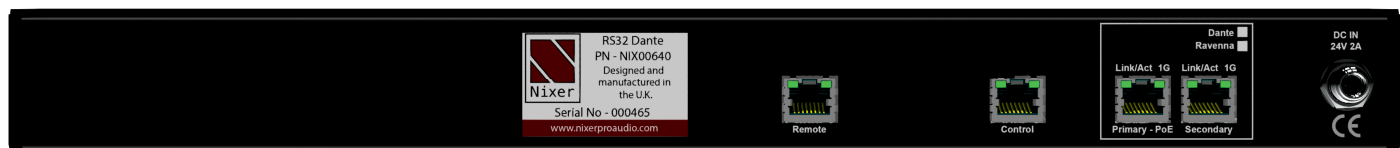
Product Description

Based on the latest Nixer audio processor, the RS32 is a 32-way digital Audio over IP switch with 64 digital inputs and 64 digital outputs. Switches can be configured as either 2 inputs to 1 output changeover or 1 input to 2 output changeover. They can be selected individually or linked together to make larger switches upto a maximum of 32 ways. Any switch can be activated by the intuitive touchscreen interface.

At the time of purchase, it can be specified with either a Dante or Ravenna interface. Switches operate almost instantaneously and negate the need of having to use a laptop and a controller program and the inherent delays these bring.

RS32 Key Points

- Simple and Intuitive Operation to switch to backup signals from a dedicated operator/engineering position
- 32 individual 2x1 or 1x2 switches can also be linked to make a maximum 32 way changeover. Each switch is user defined via touchscreen.
- No external laptop and cumbersome software re-routing
- Near instantaneous audio switching
- Large colour LCD touchscreen for quick and easy re-patching of critical signals
- Reset and recall route status from memory
- Compact 1RU design (less than 120mm deep) for deployment in any frame, desk or custom location
- PoE power or via external DC input for power redundancy
- Primary and Secondary network ports
- OSC control via RJ45 (under development, contact Sales for further information).



Power to the RP64 can be either via PoE on the Primary RJ45 port and/or via the 24V DC power input. Using both PoE and the DC input enables power redundancy. Also, on the rear panel there is a secondary RJ45 port for either redundant or switched AoIP connections. In addition to this there is a Control port for controlling the RP64 via OSC and a Remote RJ45 port for use with optional hardware remotes.

Please Note, the remote port is not compatible with standard ethernet

Specifications RS32

1. 32x 2 by 1 switches at 48kHz (16 x 2 by 1 switches at 96kHz)
2. Sample rates supported
 - a. 44.1kHz
 - b. 48kHz
 - c. 88.2kHz
 - d. 96kHz
3. Bit Depth supported
 - a. 16bit
 - b. 24bit
 - c. 32bit
4. Dante or Ravenna option - at time of purchase
5. AES67 compatible
6. SMPTE 2110 compatible
7. Fully compatible with New Dante Domain Manager (Dante option only)
8. Dual 1Gbps RJ45 Dante inputs
 - a. 1Gbps or 100Mbps operation
 - b. User configurable for Switched or Redundant operation
 - c. Network configuration information available via menu
9. Power input via
 - a. PoE (13W) on Primary RJ45 connector
 - b. 2.1mm DC inputs socket for use with external 24V 2amp adaptor
 - c. Both power inputs can be active at the same time for redundancy
10. USB port is also used for product firmware updates
11. Wired remote control option on RJ45 connector
 - a. RS485 balanced TX and RX pairs
 - b. 5V feed to connected device (up to 200mA)
 - c. Note: this connector is not compatible with standard ethernet connectors
12. LCD
 - a. 6.6" (168mm) diagonal 24—bit colour LCD with 1440 x RGB x 240 resolution
 - b. LED backlight (adjustable brightness via software)
 - c. multi touch capacitive touch overlay with gesture support
13. Size
 - a. 494mm wide by 120mm deep by 44mm height
 - b. 1.0 kg
14. 19inch rack mounting ears can be removed for desktop use



Dante® is a registered trademark of Audinate Pty Ltd.
Ravenna is an open technology standard from ALC Network GmbH

Ordering Information

Dante Switching & Ravenna Switching

RS32 Dante NIX00640

RS32 Dante - 1U rack mounted 32way Dante switch (120mm depth) - featuring a large LCD display, 32x (2 into 1) changeover switches, PoE powered with redundant 12-24V DC input, redundant network connectors, AES67 compatibility, Remote RJ45 port, OSC control via separate Control RJ45 port - PSU not included - Harmonised Code: 8519890000

RS32 Ravenna NIX00640R

RS32 Ravenna - 1U rack mounted 32way Ravenna switch (120mm depth) - featuring a large LCD display, 32x (2 into 1) changeover switches, PoE powered with redundant 24V DC input, redundant network connectors, AES67/SMPTE2110 compatibility, Remote RJ45 port, OSC control via separate Control RJ45 port - Harmonised Code: 8519890000

Optional Extras NIX00583 NIX00629

PoE PSU Kit - Power supply, blade kit and 2M RJ45 Cat6 flat cable

24V 1.5A Power adaptor 90-264VAC input with multi-blade adaptors. 2.5mm screw lock plug