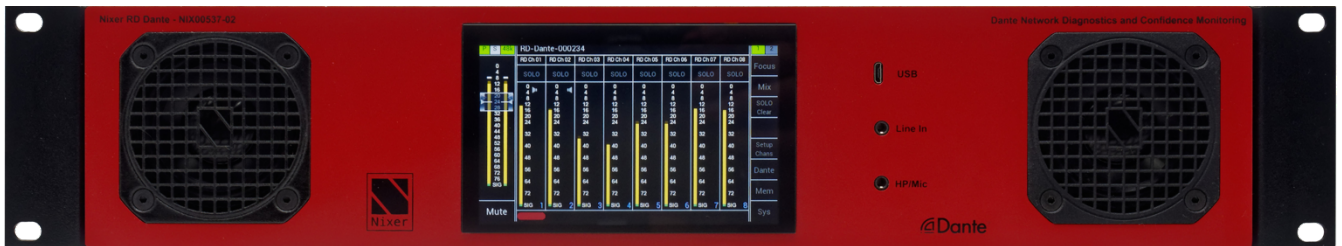


NIX00537 Nixer RD Dante (NIX00537DC alternative version)



Product Description

A 2U 19inch rack mounted Dante monitoring and diagnostic unit, which allows the monitoring of up to 64 Dante channels at 48kHz (32 channels at 96kHz). The signals are presented to the user via the inbuilt 75mm full range speakers which are mounted in optimised ported cabinets for a high-quality sound or the via the 3.5mm headphone jack. The speakers are automatically muted when a headphone jack is inserted. Simultaneous outputs are also available in the form of the stereo balanced line outputs and AES output accessed via XLR connectors on the rear of the RD Dante. The RD Dante is operated and controlled via the large 5.0" diagonal (127mm) 24bit colour LCD and capacitive touch panel.

A simple and elegant menu system has been designed to be intuitive to navigate allowing the user to access all the features of the RD Dante very quickly.

The high-resolution screen is easy to read presenting comprehensive metering, routing and status information to the user.

Firmware updates of the RD Dante are achieved via a dedicated USB micro AB connector on the front panel. There is also a dedicated 3.5mm jack socket for the headphone output and a 3.5mm jack socket to input a line level source such as an iPod etc.



On the rear of the RD Dante there are 2x balanced line outputs on 3 pin male XLRs and AES output also on 3 pin male XLR. These outputs can be configured to follow the main volume settings of the speakers/headphones or alternatively, they can be set to independent levels with individual trim controls for each. They can also be set independently to follow the main Mute control.

Additionally, there is an AES input via 3 pin female XLR connector

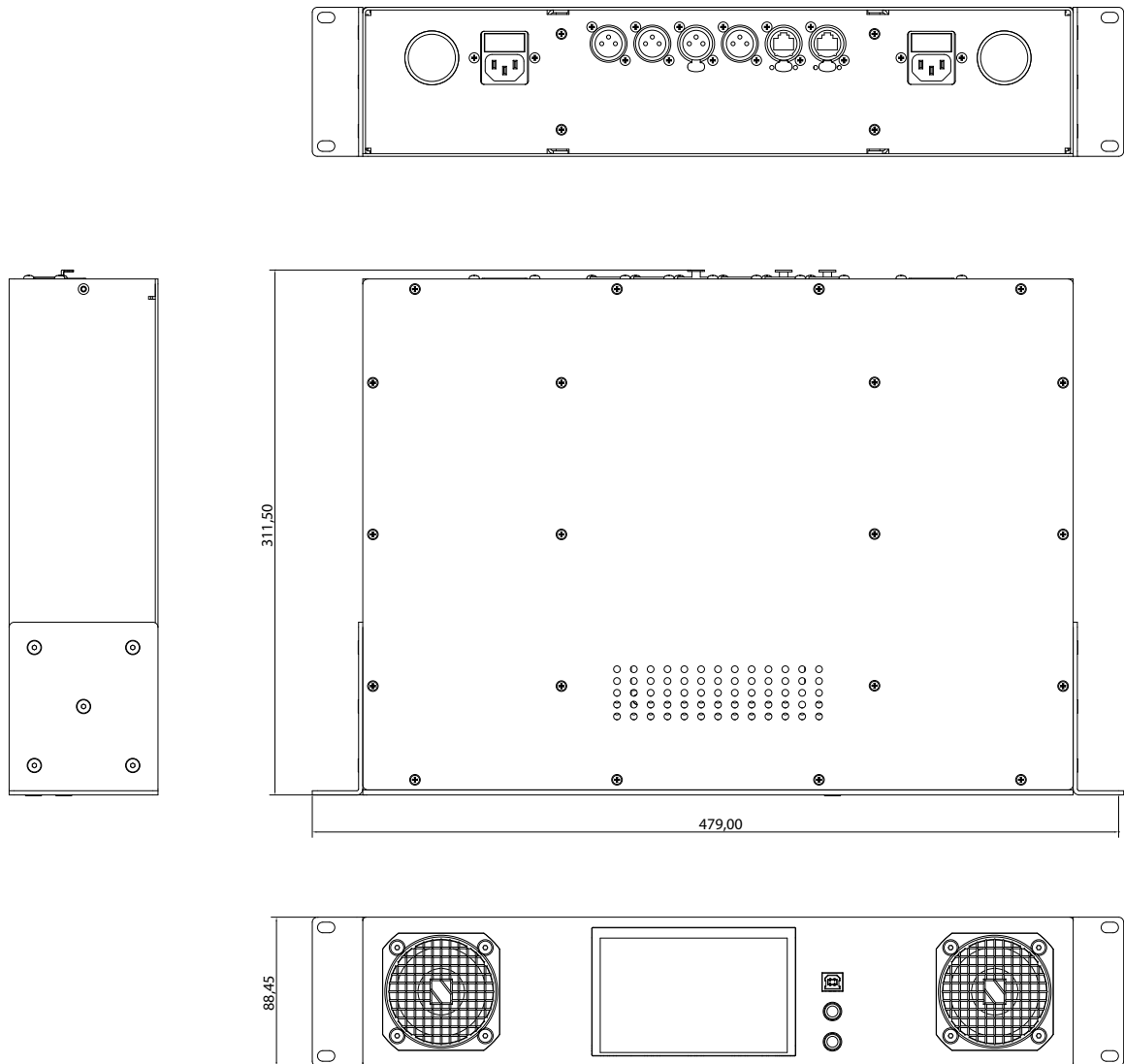
2x IEC mains input connectors allow for redundant power supply connections

Alternative version NIX00537DC is available which features 2x 2.1mm DC input connectors in place of the IEC mains inputs and requires powering via an external (not supplied) 24V 2Amp DC adaptor

[Nixer RD Dante Specifications](#)

- 1 Monitoring of 64 Dante channels at 48kHz (32 channels at 96kHz)
- 2 Output up to 64 Dante channels at 48kHz (32 channels at 96kHz)
- 3 Sample rates supported
 - 44.1kHz
 - 48kHz
 - 88.2kHz
 - 96kHz
- 4 Bit Depth supported
 - 16bit
 - 24bit
 - 32bit
- 5 AES67 compatible
- 6 Fully compatible with New Dante Domain Manager
- 7 Two main modes of operation
 - User defined mix to L and R output
 - User memories with customizable names
 - PFL mode where selected channel is sent to LR with two modes
 - Auto cancel previous selection
 - Additive with Clear button
- 8 64 channel meters
 - High resolution meters
 - Optional Peak indicator with user definable trigger level
- 9 Main LR meters
 - Large high-resolution meters displaying 0dBFS down to -60dBFS in 1dB steps
 - Optional Peak hold
 - Optional Working level indicator with user definable level
- 10 Internal 25W/channel amplifier feeding either
 - 2x 63.5mm full range drivers in optimized ported cabinets
 - Headphone output
- 11 Dual Balanced Line Outputs 0dBFS = +21dBu maximum output into 600ohms 2x 3pin male XLR connectors
 - Fed from main Stereo LR bus
 - Option to follow main volume control
 - User adjustable trim (0dB to -60dB in 1dB steps)
 - Output Mute relays
- 12 Stereo AES output on 3pin male XLR connector
 - Fed from main Stereo LR bus
 - Option to follow main volume control
 - User adjustable trim (0dB to -60dB in 1dB steps)
- 13 Stereo AES Input on 3pin female XLR connector

- User selectable routing to Dante output(s)
- 14 Stereo unbalanced line input on 3.5mm stereo jack
- with input level trim control suitable for use with common music playback devices such as, iPods, iPhones, MP3 players
 - max input level +8.5dBu
- 15 3.5mm Headphone socket and microphone input
- Headphone output for driving loads from 8ohm to 600ohm
 - Microphone input with gain control (up to 40dB) and level trim
 - Socket wiring is suitable for use with most common mobile phone headsets
- 16 Dual 1Gbps RJ45 Dante inputs
- 1Gbps or 100Mbps operation
 - User configurable for Switched or Redundant operation
 - Network configuration information available via menu
- 17 Power input
- NIX00537
 - 2x IEC mains socket
 - 90-250V 50-60Hz mains input
 - Both power inputs can be active at the same time for redundancy
 - NIX00537DC
 - Alternate version NIX00537DC has 2x 2.1mm DC inputs sockets in place of the 2x IEC mains inputs and must be powered via an external 24V 2Amp DC adaptor(s)
 - Adaptors not supplied
 - Both power inputs can be active at the same time for redundancy
- 18 USB port is used for product firmware updates
- 19 Internal oscillator with selectable routing to Dante output(s) and level control
- Sine/Square/Triangle Wave generation settable to a frequency of 50Hz, 100Hz, 200Hz, 500Hz, 1kHz, 2kHz, 5kHz and 10kHz
 - White Noise Generator
 - Pink Noise Generator
- 20 LCD
- 5.0" (127mm) diagonal 24bit colour LCD with 800xRGBx480 resolution
 - LED backlight (adjustable brightness via software)
 - 5-point touch capacitive touch overlay with gesture support
- 21 Size
- 494mm wide by 300mm deep by 88mm height
 - 7.5kG
- 22 19inch rack mounting ears can be removed for desktop use



Dimensioned drawing

Nixer reserves the right to change product details and specifications without notice

All details correct as of December 24th 2019

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