Nixer PLR Dante

Audio over IP Monitoring Unit

A compact Dante unit allowing operator/commentator access to any two independently selectable sources on a Dante network via remote panel. Designed for fixed installations.

Main Features and Benefits

- Intuitive GUI for complete ease of operation
- Primary and secondary network ports for redundancy
- Designed for commentary, journalist and translation positions within fixed installations
- Compact and shallow design for easy installation
- Remote control panel allows easy selection of any two independent sources
- Fits standard 2 gang wall plate (UK)
- Control panel provides balanced XLR outputs for headphones or active speakers

Product Description

Specifically designed to allow an operator/commentator to access any two independently selectable sources on the Dante network via a simple remote control panel. Each display shows Channel Name and provides an output meter level. Balanced XLR outputs provide feeds to local speakers or headphones.

Perfect for on-air and live applications where critical confidence monitoring is essential

The PLR64K Dante comes as a kit consisting of three parts the PLR64 Dante, 2 Gang Wall Plate Remote controller and Remote Cable 1.5M D-sub cable. It does not include a PSU as standard, but one can be purchased at extra cost

Individual parts can also be purchased separately.

The PLR64 would normally be mounted to a wall or beneath a desk and then wired via the remote cable to the 2 gang wall plate remote controller.

The remote controller allows the independent selection for each output from the incoming Dante stream. Each output displays the selected Dante channel name and output signal level on the OLED display. Channel selection is made via scrolling up/down the available Dante channels via a pair of switches for each output

Each output is presented on a 3 pin male XLR. The signal is electronically balanced and provides +21dBu for 0dBFS of signal level.

Firmware updates of the PLR64 Dante are achieved via a dedicated USB micro B connector on the end panel. There is also a dedicated 3.5mm jack socket for the headphone.

The speakers and headphones have independent settings for volume, the unit recalling the last used setting for each when changing between speakers and headphones.

The PLR64 Dante can powered be via PoE (13W) or alternatively be powered via USB (1.5A) by a computer USB port (needs to be a high current port), USB mains adaptor or USB battery pack.

Firmware updates of the PLR64 Dante are achieved via a dedicated USB micro AB connector.

Specifications

1. NIX00533 - PLR64K Dante kit consists
   - 1x NIX00528 - PLR64 Dante unit
   - 1x NIX00517 - 2 Gang Wall Plate Remote controller
   - 1x NIX00551 - Remote Cable 1.5M D-sub cable

2. NIX00528 - PLR64 Dante unit
   - 3.5mm Headphone socket
   - Headphone output for driving loads from 8ohm to 600ohm
   - Dual 1Gbps RJ45 Dante inputs
     - 1Gbps or 100Mbps operation
     - User configurable for Switched or Redundant operation
   - Power input via
     - PoE (13W) on Primary RJ45 connector
     - USB input (1.5A) auto negotiates with connected USB port
   - Direct from Mac/PC USB connector capable of delivering 1.5A
   - USB mains adaptor
   - USB battery pack
     - Both power inputs can be active at the same time for redundancy
   - USB port is used for product firmware updates
   - Outputs can be selected from any of up to 64 Dante channels at 48kHz (32 channels at 96kHz)
   - 2 independent outputs selectable from available Dante input channels
   - Sample rates supported 44.1kHz, 48kHz and 96kHz
   - Bit Depths supported 16bit, 24bit and 32bit
   - AES67 compatible
   - Fully compatible with Dante Domain Manager

3. NIX00517 - 2 Gang Wall Plate Remote controller
   - Can be connected to the PLR64 Dante (or PD Dante)
   - Dual Balanced Line Outputs 0dBFS = +21dBu maximum output into 600 Ohms
     2 x 3pin male XLR connectors
   - Source for each output independently selectable from any of the 64 Dante input channels
     via selector buttons
   - OLED display showing for each channel
     - Selected Dante channel name
     - Signal level meter
   - Power is supplied from PLR64
   - Mounts in a standard 2 gang wall plate (UK)
     - Other options available at extra cost please contact
     sales@nixerproaudio.com for more details

4. NIX00551 - Remote Cable 1.5M D-sub cable
   - 1.5 meter multicore cable
     - Other lengths available at extra cost please contact
     sales@nixerproaudio.com for more details
   - One end terminated with 15way male D-sub including shell and screw locks
   - Second end unterminated with tinned and stripped leads individually labelled
   - Unterminated leads to allow cable to be fed through trunking
   - Idented leads fit to screw terminals on NIX00517
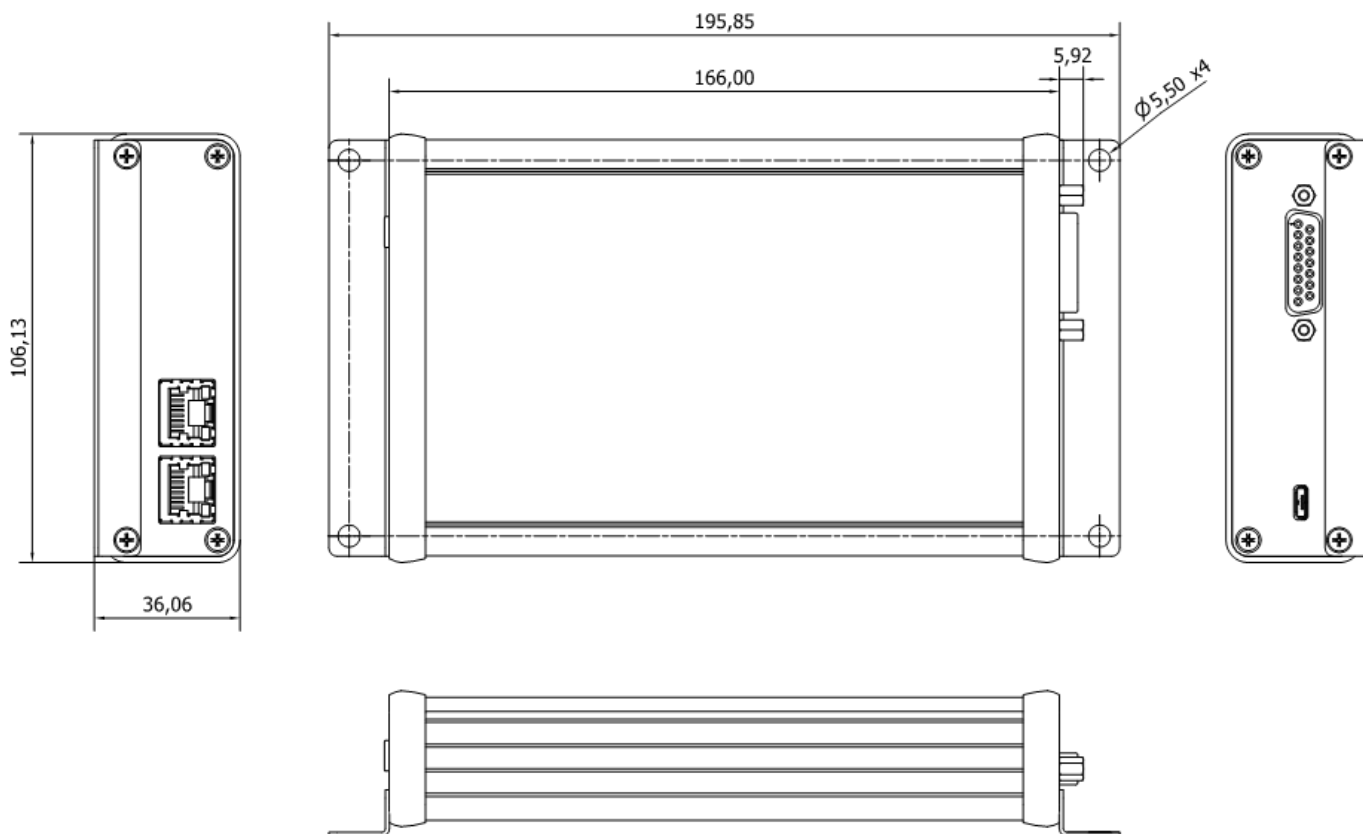
ON AIR
With
Nixer

Dante
RAVENNA

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Specifications

5.   NIX00583 - PoE PSU Kit – not supplied as standard in PLR64K Dante kit but will be required if not powering from a PoE network switch
   - PoE plug top supply
   - Worldwide plug adaptor kit
   - 2M RJ45 Cat6 flat cable
   - Available as a cost option

6.   Sizes
   - NIX00528 - PLR64 Dante unit
     - 95.85mm length x 106mm width x 34mm height (length including mounting brackets)
     - 0.5 kg
   - NIX00517 - 2 Gang Wall Plate Remote controller
     - 146mm length x 86mm width x 35mm total height
     - requires a back box with a minimum depth of 35mm
     - 165g

Dimensions

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Ordering Information

Dante Monitoring & Diagnostics	
PLR64 Dante Kit	
NIX00533	PLR64K Dante - Kit consisting of 1x PLR64 Dante, 1x NIX00517 Remote controller, 1x NIX00551-01 D-sub cable and NIX00519 mounting brackets Note: does not include PoE supply this must be purchased seperately
Individual items	
NIX00528	PLR64 Dante - 64 channel Dante network monitor for use with remote controller - featuring PoE, Redundant ports, AES67 compatibility - Harmonised Code: 90318080
NIX00517	2 Gang Wall Plate Remote controller - with large OLED display, 2x independently selectable channels - each displays channel name and output meter, Balanced outputs on 3 pin male XLR (max 21dBu at 0dBFS) For use with PLR64 Dante or PD Dante
NIX00551	Remote Cable 1.5M D-sub cable - 1.5M cable terminated with a 15 way D-sub with screwlocks at one end and unterminated tinned and idented leads at the other end which allows connection of NIX00517 to PLR64 Dante or PD Dante
NIX00583	PoE PSU Kit - Power supply, blade kit and 2M RJ45 Cat6 flat cable

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