

Highlights:

- 2 x XLR inputs
- Integrated Bluetooth receiver
- Internal mixing & DSP processing
- 4-channel Dante™/AES67

Product information:

The NWP220 is a Dante™/AES67 network input panel, featuring two XLR input connectors and an integrated Bluetooth receiver, which can be used to transmit audio signals in a Dante™ audio network.

The audio inputs can be switched between line-level and microphone-level audio signals and phantom power (+48 V DC) can be applied to the XLR input connectors for powering condenser microphones. Various further integrated DSP functions such as EQ, automatic gain control, and other device settings can be configured through the AUDAC Touch™.

The IP-based communication makes it future-proof while also being backwards compatible with many existing products. Thanks to the limited PoE power consumption, NWP220 is compatible with any PoE network-based installation.

Besides the elegant design, the front panel is finished with high-quality fingerprint-resistant glass. The wall panels are compatible with standard EU-style in-wall boxes, making the wall panel the ideal solution for solid and hollow walls. Black and white color options are available to blend into any architectural design.

Applications:

- Bars & Restaurants
- Education
- Hotels
- Corporate
- Sporting facilities
- Government facilities



Certification:



Properties:



Additional Inputs:



System specifications:

Inputs	2 x XLR female (in)
Control	2 buttons - Mic / Line switching
Indicators	2 LED's (RGB) - Input status
Configurable settings	IP settings
	Device name
	Input range (Mic / Line)
	Gain
	Phantom power
	DSP (EQ)
	Mixing
Configuration	Audac Touch™
Integrated DSP	Yes (EQ)
Automatic level control	Yes
Phantom power	+48 V DC
Power Supply	PoE powered (IEEE 802.3at)
Connectors	RJ45 (network + PoE)
	1 x XLR female (audio in)

Product Features:

Construction	ABS
Front finish	Elegant front panel with glass
Colours	Black (RAL9005) (NWP220/B)
	White (RAL9003) (NWP220/W)
Compatible devices	Any Dante™/AES67 compatible audio device
Dimensions	80 x 80 mm (W x H) (Remote wall panel)
Installation standard	Compatible with EU installation materials

Variants:

- NWP220/B - Black version
- NWP220/W - White version

Architects' and Engineers' Specifications:

Dante™/AES67 network input panel shall have two XLR input connections and a Bluetooth receiver. The network input panel shall have 4 x 4 Dante™/AES67 network audio I/O channels. Phantom power shall be available on XLR inputs. Pre-gain shall be available for microphone/line level adjustment on XLR inputs. The available DSP processing functionality on the inputs shall include Automatic Gain Control (AGC), 7-band parametric equalizing, and volume. The output channels shall include mixer, volume, and gain functionality. The mixer shall be able to mix all mapped input sources on the selected output. There shall be two physical buttons with LED indicators on the front panel. Pressing a button for 3 seconds shall change the LED indicator color between green (line level) and red (microphone level). A total system control application shall be freely available and compatible with a wide variety of operating systems, including Android, iOS, Windows, and Mac. Default input signal levels shall be changed by using the application. Pressing and holding both buttons shall enable Bluetooth pairing when both LEDs blink in blue color. The brightness of LED indicators shall be adjustable and button functions shall be disabled by using the application. The Bluetooth input settings in the application shall allow for the change of the Bluetooth device name, show known devices, and discovery for pairing. The wall panel housing shall be constructed out of ABS with a front panel of glass. The device shall have a built-in depth of 75 mm and shall be compatible with most standard EU (80x80 mm) style in-wall boxes for solid and hollow walls. It shall have an optional US-style adapter kit. The power supply shall be transferred over PoE (Power over Ethernet) compatible with the IEEE 802.3bt standard. Its weight shall not exceed 0.13 kg.