

Highlights:

- Front USB type-C port
- Integrated Bluetooth receiver
- Internal mixing & DSP processing
- 4-channel Dante™/AES67

Product information:

The NWP400 is a Dante™/AES67 network input panel, featuring a USB Type-C port, and an integrated Bluetooth receiver, which can be used to transmit audio signals in a Dante™ audio network.

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, NWP400 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 colour options are available to blend into any architectural design.

Applications:

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



Certification:



Properties:



Additional Inputs:



System specifications:

| | |
|-------------------------|-----------------------------------|
| Inputs | Bluetooth |
| | USB Type C (in) |
| Control | 1 button - Bluetooth discoverable |
| Indicators | 1 LED (RGB) - Bluetooth status |
| Configurable settings | IP settings |
| | Device name |
| | Gain |
| | DSP (EQ) |
| | Mixing |
| Configuration | Audac Touch™ |
| Integrated DSP | Yes (EQ) |
| Automatic level control | Yes |
| Power | Supply |
| | PoE powered (IEEE 802.3at) |
| Connectors | USB Type C (audio in) |
| | RJ45 (network + PoE) |

Product Features:

| | |
|-----------------------|---|
| Construction | ABS |
| Front finish | Elegant ABS front panel with glass |
| Dimensions | 80 x 80 mm (W x H) (Remote wall panel) |
| Colours | White (RAL9003) (NWP400/W) |
| | Black (RAL9005) (NWP400/B) |
| Compatible devices | Any Dante™/AES67 compatible audio device |
| Installation standard | Compatible with EU installation materials |

Variants:

- NWP400/B - Black version
- NWP400/W - White version

Architects' and Engineers' Specifications:

Dante™/AES67 network input panel shall have a USB Type-C input connection and a Bluetooth receiver. The network input panel shall have 4 x 4 Dante™/AES67 network audio I/O channels. 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 a physical button with LED indicators on the front panel. Pressing and holding the button shall enable Bluetooth pairing when both LEDs blink in blue color. A total system control application shall be freely available and compatible with a wide variety of operating systems, including Android, iOS, Windows, and Mac. The brightness of the LED indicator shall be adjustable, and the button function 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 0.12 kg.

