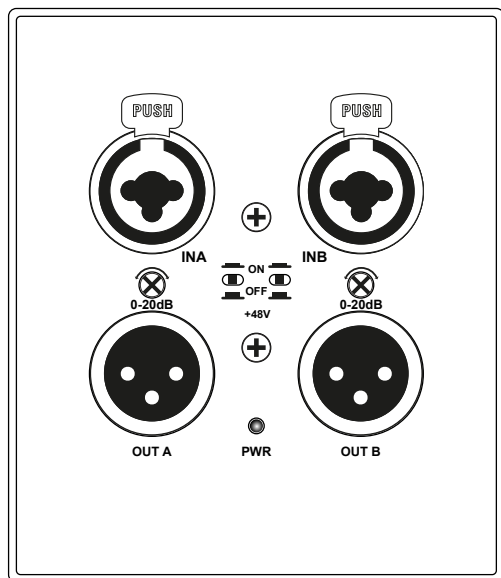


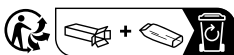


AmiD4

DANTE wall-mounted unit with 2 inputs and 2 outputs (Jack/XLR) – PoE

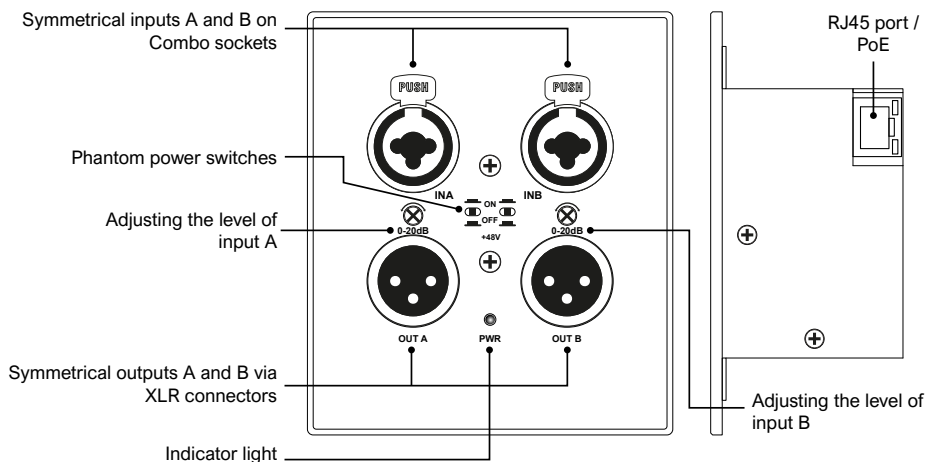
1 - Safety instructions

- 1- Please read these instructions.
- 2- Please keep these instructions.
- 3- Please observe all warnings.
- 4- Follow all the instructions.
- 5- Do not use this appliance near water.
- 6- Clean with a dry cloth only.
- 7- Do not block the ventilation slots. Install the appliance in accordance with the manufacturer's instructions.
- 8- Keep the device away from sources of heat: radiators, air vents, ovens and other such appliances (including amplifiers).
- 9- Arrange the cables so that they cannot be trodden on, trapped or pinched.
- 10- Unplug this appliance during thunderstorms or when it is not in use for long periods.
- 11- Have any repairs carried out by a qualified technician. A technician must be called in in the following circumstances: the power cable or mains plug is damaged; foreign objects or liquid have got into the appliance; the appliance has been exposed to rain or damp; the appliance is showing signs of malfunction; or it has been dropped.



2 - Description

The AmiD4 offers 2 balanced mic/line combo inputs and 2 balanced XLR line outputs. It supports PoE technology based on the 802.3af standard. It features input gain control for line and microphone signals, and each channel provides separate +48 V phantom power, making it suitable for powering virtually all types of phantom-powered microphones commonly used in fixed installation systems. DANTE signal routing is carried out via the Dante Controller software. See the Dante Controller user guide at audinate.com.



3 - Wiring and installation

3 - 1 - Wiring

Use a Cat5E cable as a minimum, but CAT6 cables are preferable.

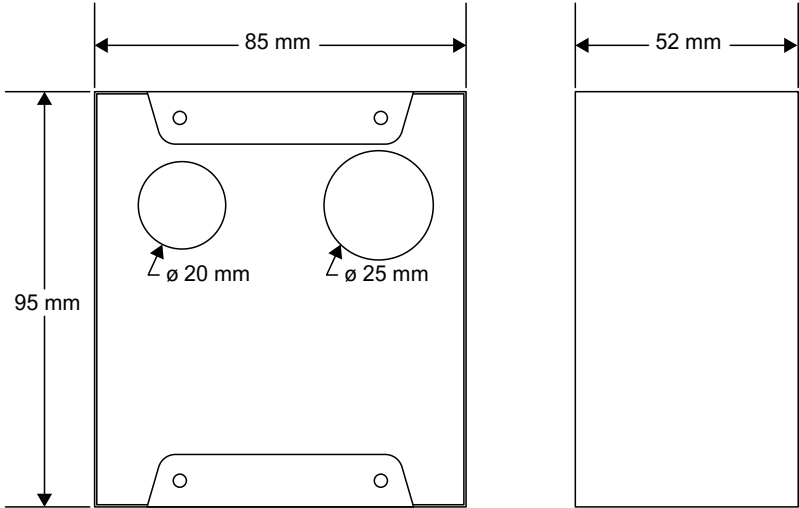
Choose a PoE switch that complies with the IEEE 802.3at standard, such as the Poe10-250 (H11913)

Never connect or disconnect an RJ45 PoE connector whilst a high current is flowing through the cable. This creates a micro-arc which gradually damages the pins.

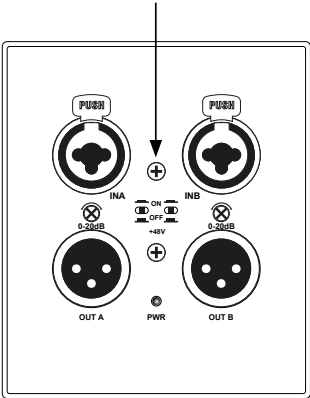
All connections must be made whilst the power is off.

3 - 2 - Installation

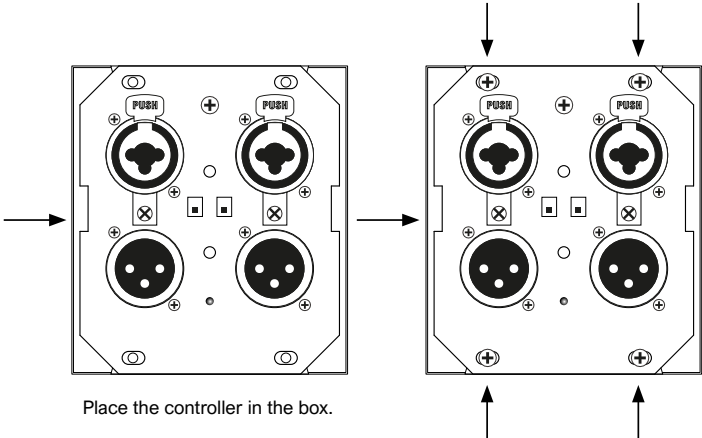
The AmiD4 comes with a metal flush-mounting box.



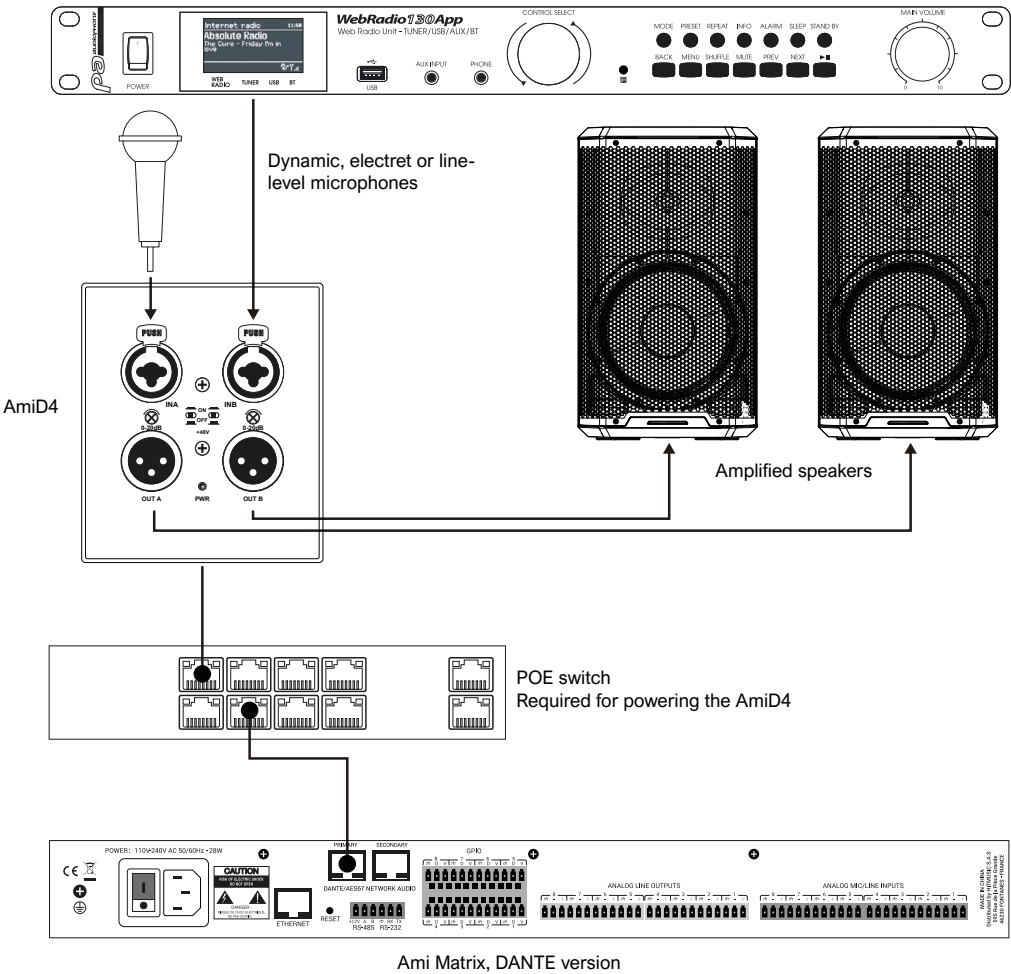
To secure the AmiD4 in its housing, remove the front panel of the unit (2 Phillips-head screws).



Use the 4 screws provided to secure the controller to the box. Then reposition the front panel.



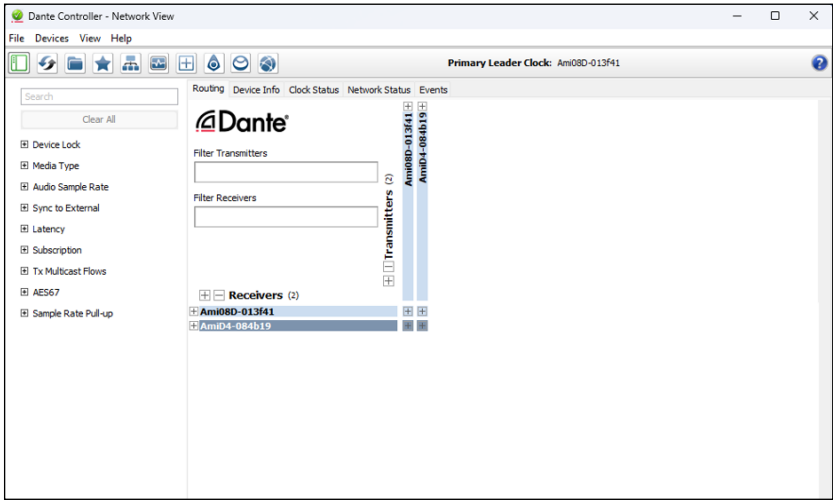
3 - 3 - Typical wiring diagram



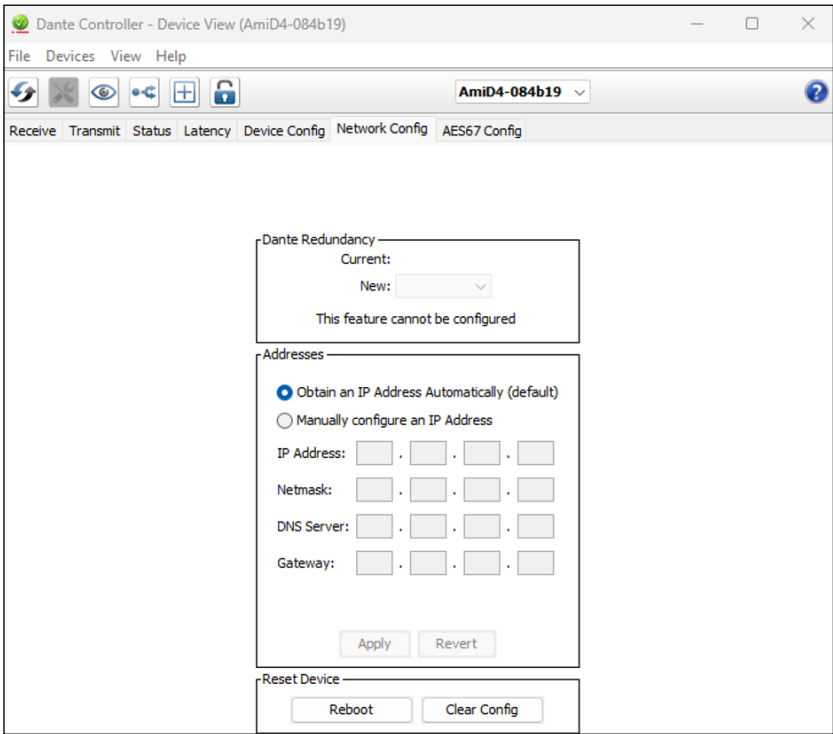
4 - Configuring and using the Dante wall-mounted unit

4 - 1 - Device network settings:

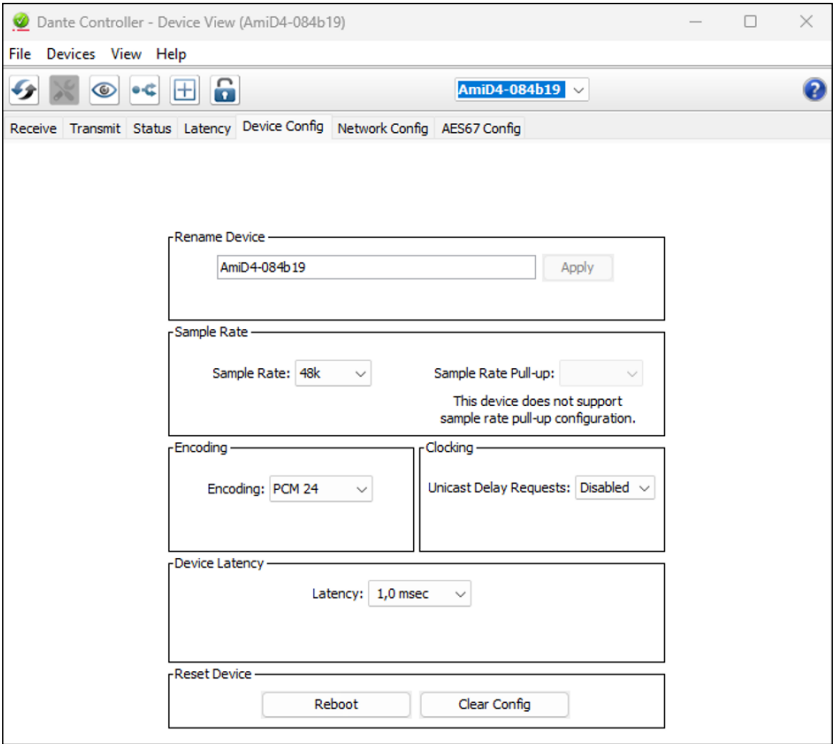
Network configuration is carried out using the Dante Controller software, which is available free of charge at audinate.com.



By default, AmiD4 is configured to use DHCP. It will therefore assign itself a free IP address within the network. You can assign a static IP address to the product in the Network Config tab in the Device view of the Dante Controller.

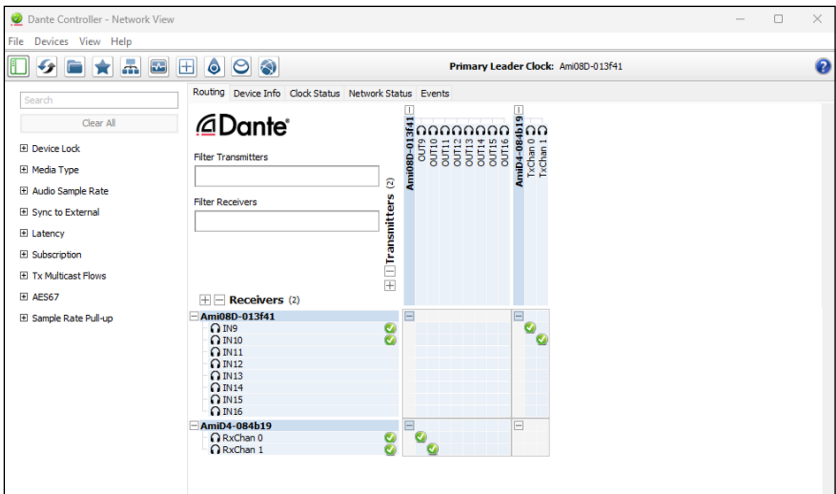


In the ‘Device config’ tab, you can change the product name, as well as its sampling rate and frequency.



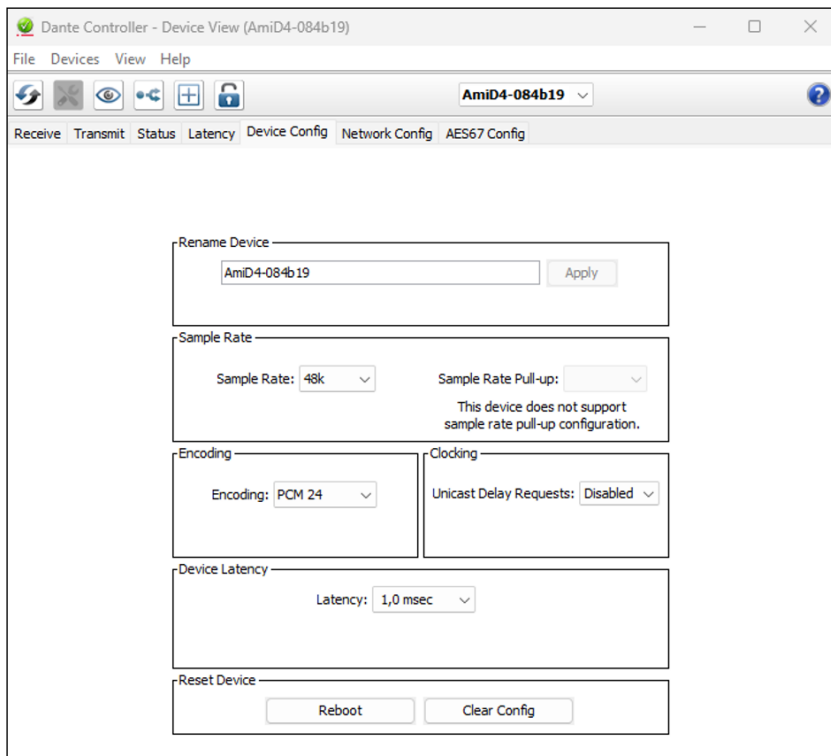
4 - 2 - Assigning audio to a matrix:

In the Routing tab of Dante Controller, click on the link between AmiD4 (transmitters) and the matrix input (Receivers).

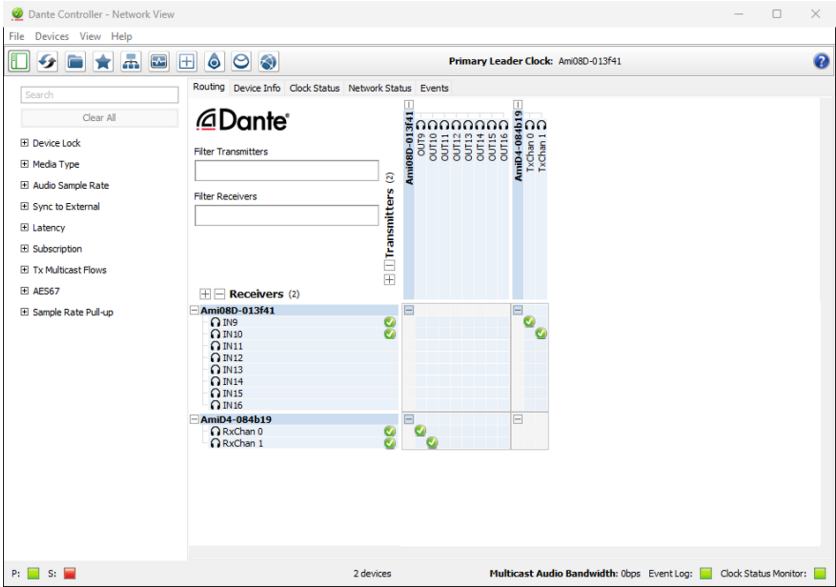


4 - 3 - Input/output configuration:

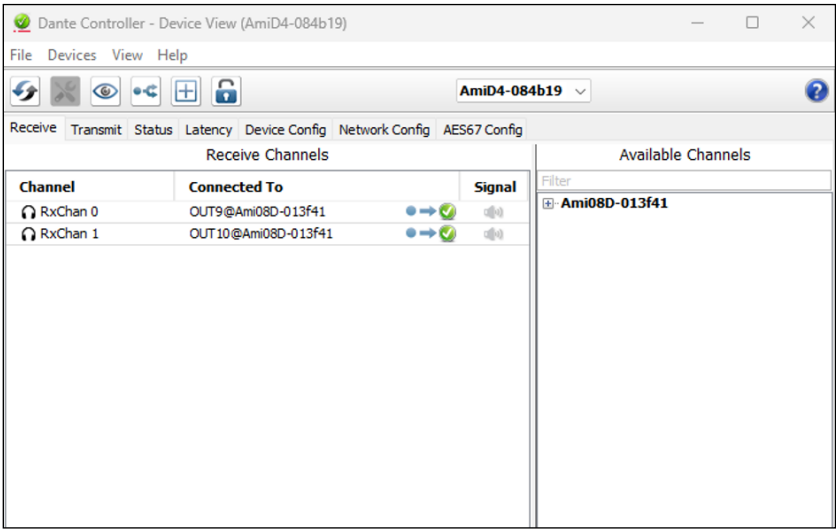
To make assignment and routing easier in Dante Controller, you can rename Dante devices as well as inputs and outputs.



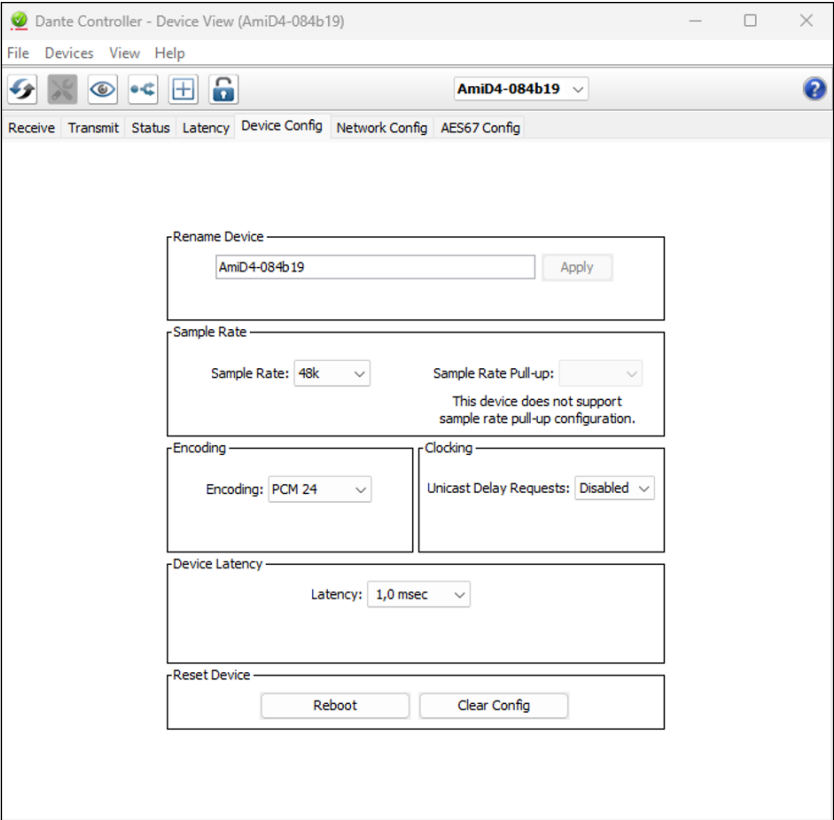
4 - 3 - 1 - Renaming a device:



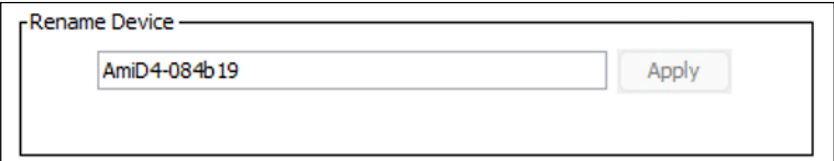
Double-click on the device you wish to edit.
The Device View window will open.



Go to the 'Device Config' tab.

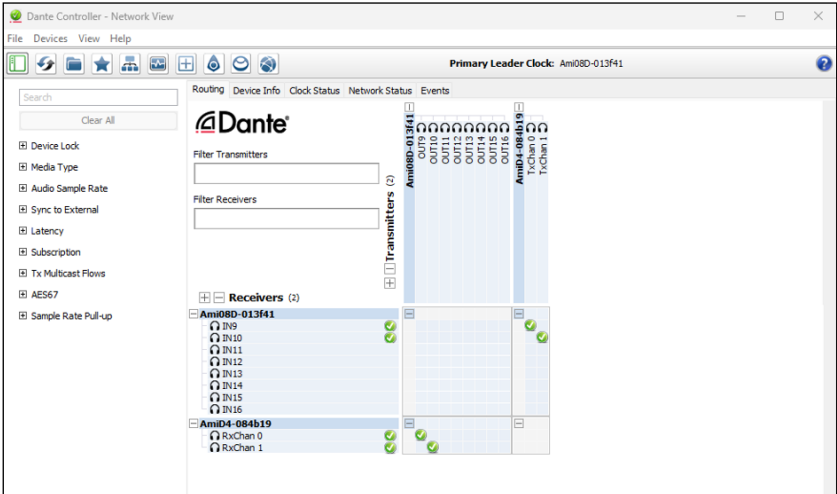


Then change the product name in Rename Device.

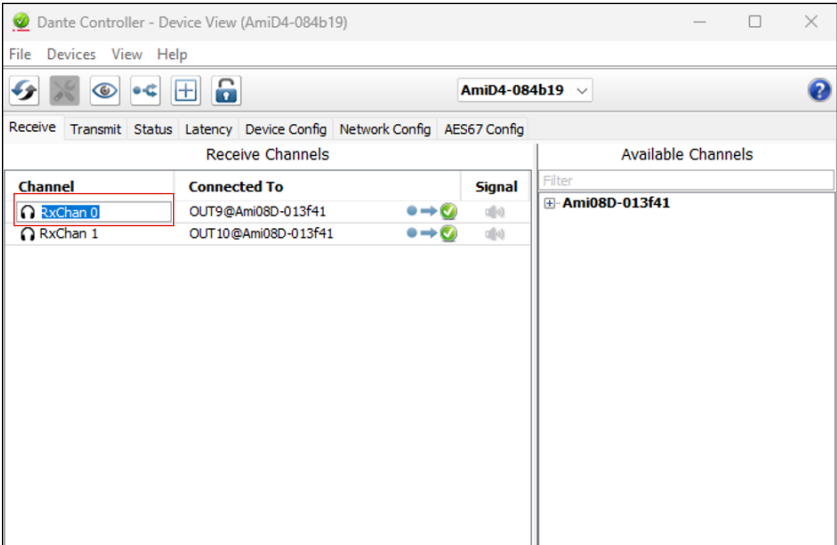


Click 'Apply' to confirm the change.

4 - 3 - 2 - Renaming an input or output:



Double-click on the device you wish to edit.



Double-click on the name of the channel you wish to edit, then enter the new name.

4 - Technical specifications

Analogue input/output channels	2 x 2
Maximum analogue gain	20 dB
Frequency response	20–20 kHz ± 0.2 dB
Maximum level	+18 dBu balanced
Phantom power	48 V
Total harmonic distortion	0.002% @ 4 dBu
Background noise	-97 dBu
Input impedance	20k Ω
Output impedance	100 Ω
Channel isolation at 1 kHz	100 dB
Food	IEEE 802.3af PoE
Consumption	< 5 W
Dimensions (Width x Height x Depth)	95 x 110 x 50 mm
Net weight	345 g

