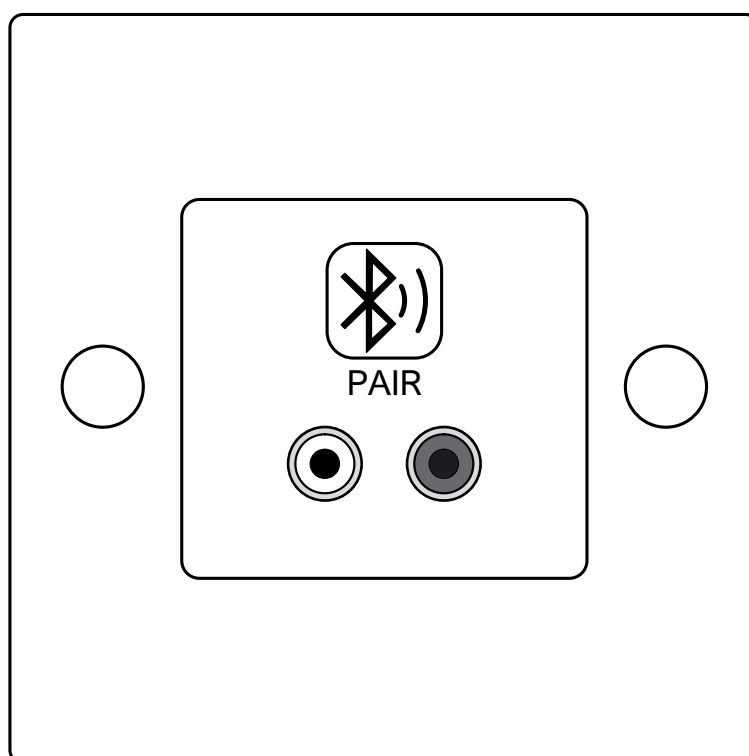


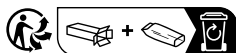


DANTE wall-mounted unit with Bluetooth and a stereo RCA input for the Ami series matrix

AmiD2

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 openings. 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 items (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.



EC Declaration of Conformity

This product complies with all the essential requirements and other specifications set out in the following Directives:

- 2014/53/EU (RED)
- 2014/35/EU (LVD)
- 2014/30/EU (EMC)
- 2011/65/EU (RoHS)

A full EU declaration is available on the audiophony-pa.com website.

2 - Description

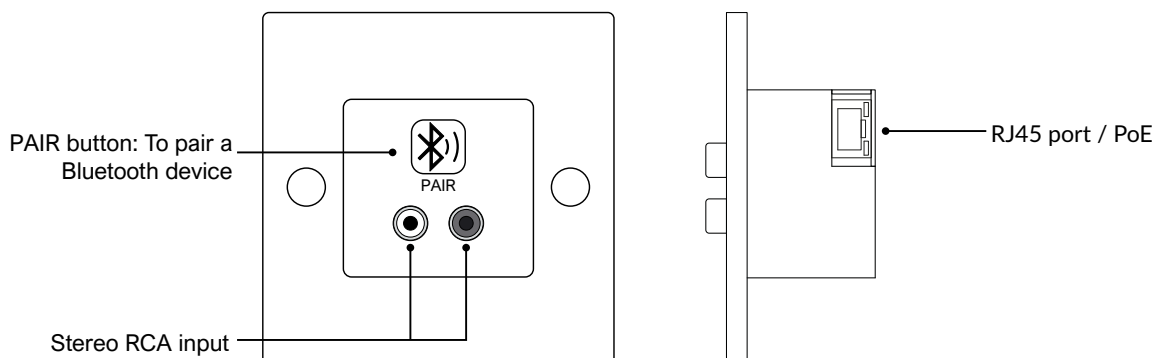
The AmiD2 is a wall-mounted unit that converts Bluetooth or 2-channel stereo signals into Dante network digital signals, with Bluetooth signals taking priority. The unit connects to devices such as smartphones, tablets or computers via Bluetooth, converting the received audio into network digital signals for transmission.

Powered by PoE, it uses a single network cable for both power and audio transmission, offering simple cabling and a stable connection.

The touch button enables Bluetooth pairing and connection management, whilst displaying the connection status. The device also allows you to change the Bluetooth name and password.

DANTE signals are routed using the Dante Controller software. See the Dante Controller user guide at audinate.com.

Bluetooth settings (Name, Password, Update, etc.) can be configured using the Ami BT Control software, available at audiophony-pa.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.

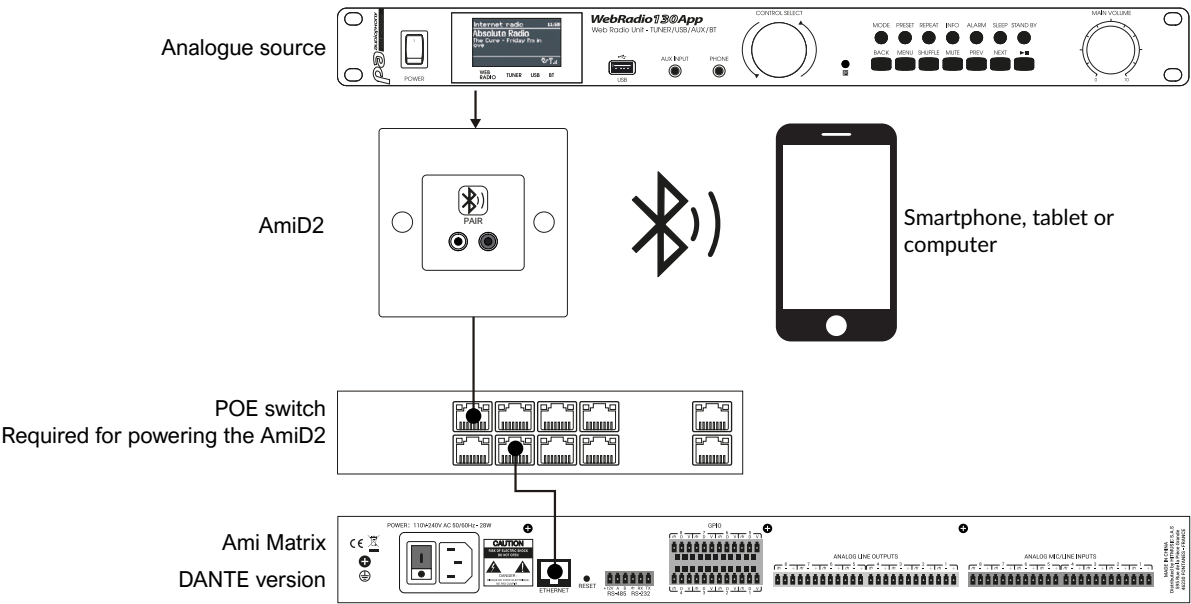
All connections must be made whilst the power is off.

3 - 2 - Installation

The AmiD2 is supplied without a flush-mounting box.

It is compatible with standard flush-mounting boxes such as Legrand, or the PILOT-BOX (H10637) and PILOT-SCREW (H10638) for flush mounting in plasterboard.

3 - 3 - Typical wiring diagram



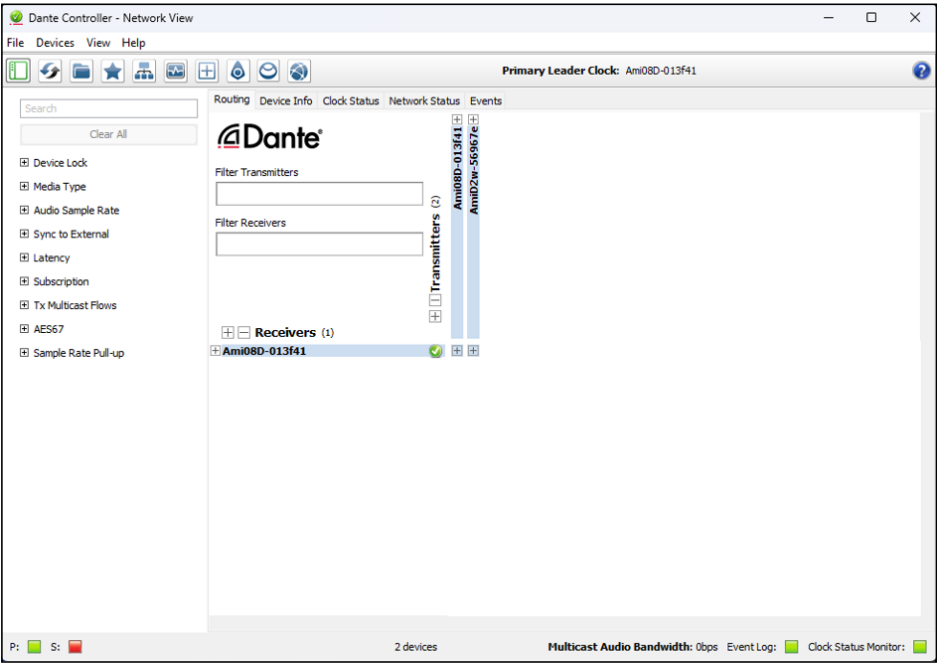
4 - Configuring and using the Control Panel

Bluetooth takes priority over the RCA inputs.

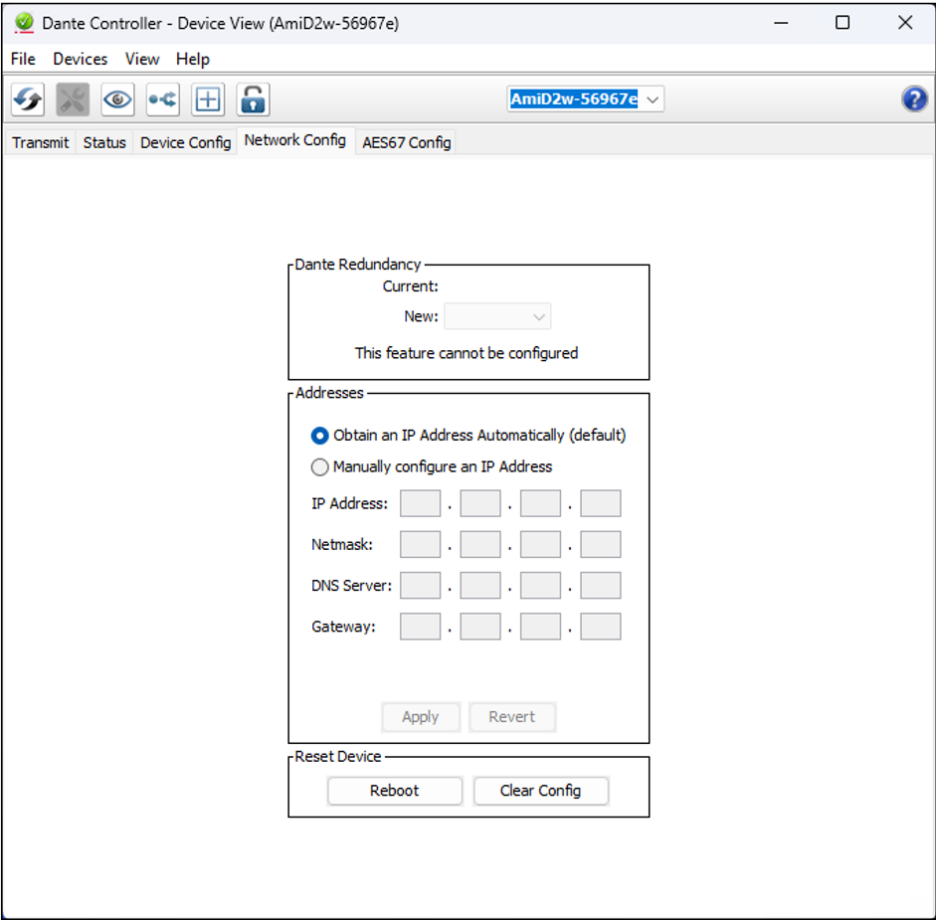
The AmiD2 is configured in two stages

4 - 1 - Device network settings:

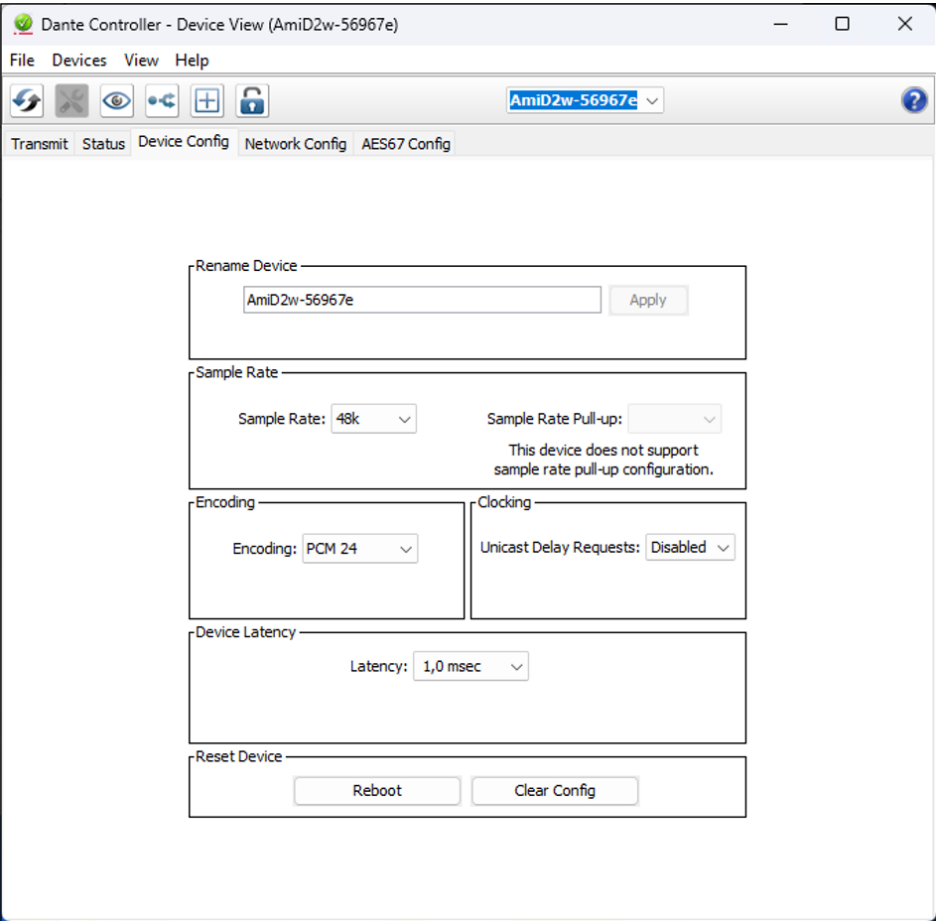
Network configuration is carried out using the Dante Controller software, which is available free of charge at audinate.com.



By default, AmiD2 is configured to use DHCP. It will therefore assign itself an available IP address on the network. You can assign a static IP address to the device in the 'Network Config' tab in the 'Device view' of the Dante Controller.

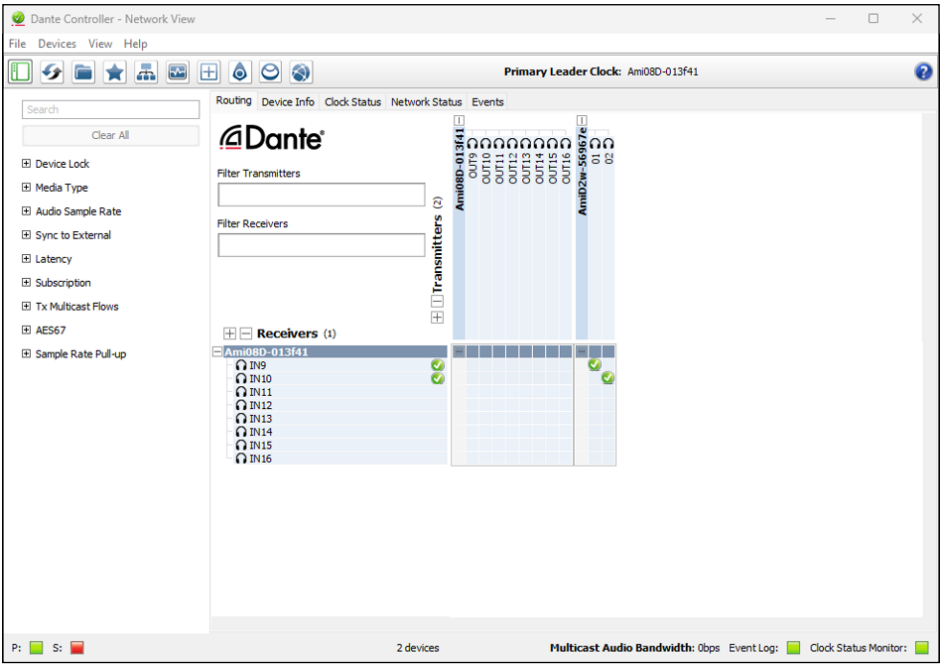


In the 'Device config' tab, you can change the product name, as well as its sampling rate and frequency.



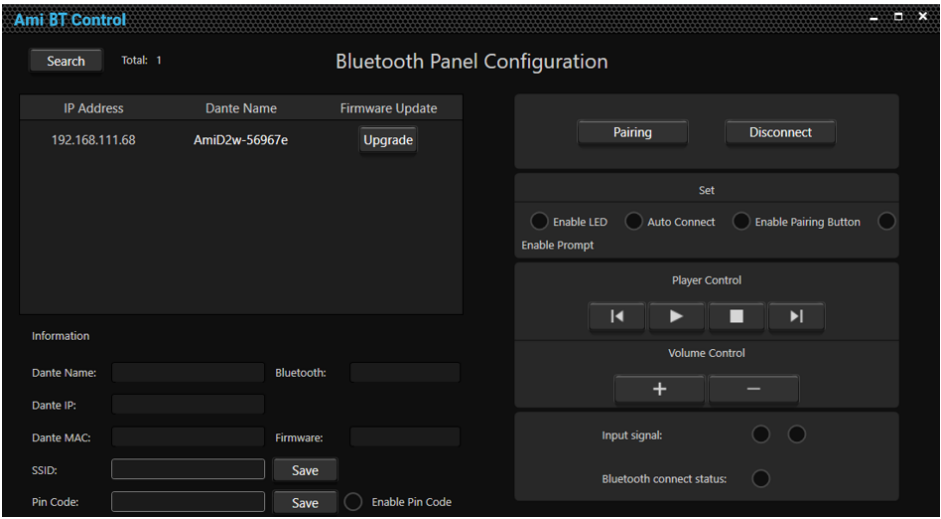
4 - 2 - Assigning audio to a matrix:

In the Routing tab of Dante Controller, click on the link between AmiD2 (transmitters) and the matrix input (Receivers)

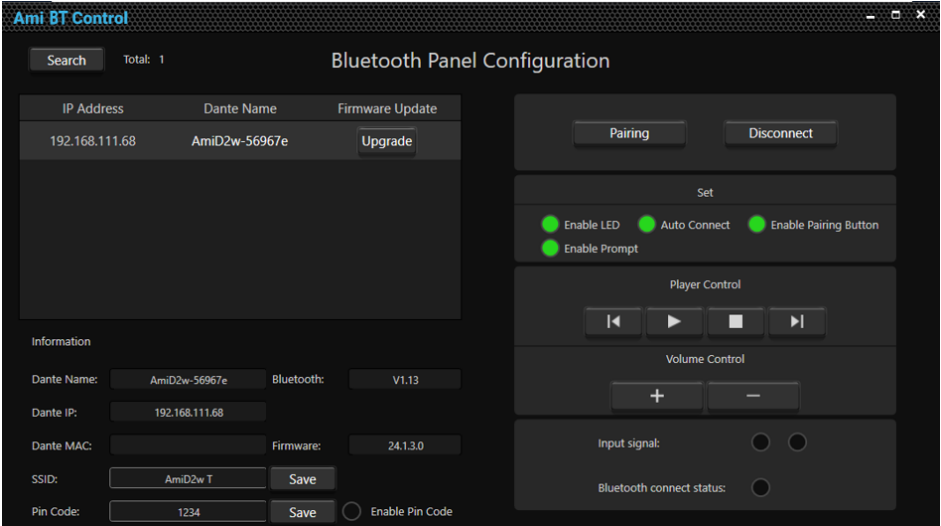


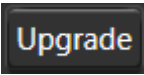
4 - 3 - Bluetooth settings:

AmiD2 is configured using the Ami Bt Control software (available to download from our website: audiophony-pa.com)
The software will scan the network and find all connected AmiD2 devices.



Click on the IP address of the device you wish to configure:



- The ‘  ’ button allows you to update the AmiD2’s firmware

- It includes details of the Dante card, the BT card version and the firmware version

Information

Dante Name:	AmiD2w-56967e	Bluetooth:	V1.13
Dante IP:	192.168.111.68		
Dante MAC:		Firmware:	24.1.3.0

- It is possible to customise the BT's SSID

SSID:

- You can enable the BT password prompt and choose the code

Pin Code: ☐ Enable Pin Code

- Option to start Bluetooth pairing mode or disconnect a device via the software

- Option to switch the AmiD2 LED on or off

☒ Enable LED

- Option to enable or disable automatic connection for a Bluetooth device that has already been paired

☒ Auto Connect

- Option to enable or disable the AmiD2's touch button (it is used to start Bluetooth pairing mode)

☒ Enable Pairing Button

- Option to enable or disable the Bluetooth pairing beep

☒ Enable Prompt

Controls on the player paired with the display:

Player Control

Volume Control

Visual feedback for the audio signal. The indicator lights turn green when an audio signal is sent via Bluetooth to the AmiD2

Input signal: ☐ ☐

Visual indication of the Bluetooth connection status. The indicator light turns green when a Bluetooth connection is established

Bluetooth connect status: ☒

4 - 4 - Using the AmiD2 touch button:

This product features a touch-sensitive area next to the BT logo on the glass.

Press and hold: Activates pairing mode. The indicator light flashes whilst waiting for a Bluetooth connection with the device. Once the Bluetooth connection has been established, the indicator light remains steady.

5 - Technical specifications

Bluetooth	5.0 – 2.5 mW – 2.4 GHz
Bluetooth channels	2
Dante/AES67 channels	2
Stereo input	RCA x 2
Maximum input level	12 dBu
Sampling rate	44.1/48 kHz
Clarification	24-bit
Total harmonic distortion	0.005% @ 1 kHz + 4 dBu
Dante/AES67 device latency	< 2 ms
Signal-to-noise ratio	> 100 dB
Food	Maximum PoE 48 V
Consumption	< 5 W
Dimensions (Width x Height x Depth)	86 × 86 × 40 mm
Net weight	170 g

