DA11ADE-V2

Quick Reference Guide

BLUSTREAM→
DA11ADE-V2
Dante® Audio Analogue Decoder
⧉Dante

Introduction

Our DA11ADE-V2 has been designed to decode two Dante® digital signals to two unbalanced or balanced analogue audio channels. The DA11ADE-V2 is a plug & play device that is powered using either PoE (Power Over Ethernet) from any PoE network switch or via local a 12V power supply input. The DA11ADE-V2 also supports AES67 RTP audio transport. The in-built web interface module can be used for configuration and control of the device.

FEATURES:

- Decodes two Dante® digital signals to two unbalanced or balanced analogue audio channels
- Supports 44.1, 48, 88.2 & 96 KHz sample rates @ 16/24/32 Bit
- Configurable Dante® device latency (supports 2-10ms configurable using Dante® Controller)
- Supports AES67 RTP audio transport
- Web interface module for control and configuration of the device
- Features Class 0 802.3af PoE for powering of product from any PoE switch
- Local 12V power supply input for when network switch does not support PoE*
 * PS121PH power supply sold separately

Front Panel
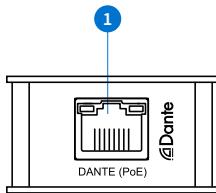
Rear Panel
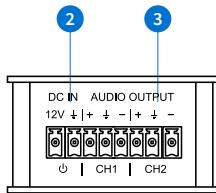
Wiring Configuration

Balanced - XLR   **Unbalanced - RCA**
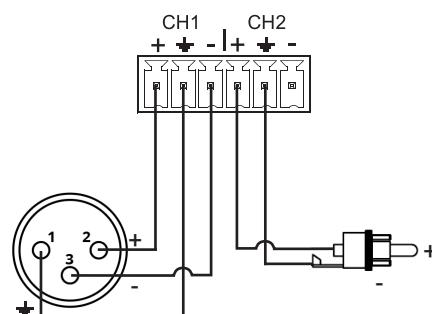
Connections:

❶ Dante® Audio Input - RJ45 socket connects Dante® network.

❷ DC Input - Connect to +12VDC power supply (not supplied) if device is not powered via a PoE switch

❸ Audio Output - Phoenix Connector accepts balanced or unbalanced 2 channel audio output.

Dante Controller

Dante Controller software is required in order to setup and configure the DA11ADE-V2 as well as control your Dante network. Audinate provide extensive training videos and documentation on their website. This can be found here: http://www.audinate.com/products/software/dante-controller

Upon connecting your DA11ADE-V2 to a compatible network, the Dante Controller software should automatically discover the device. The DA11ADE-V2 will appear in the Dante Controller with a name denoted with "DA11". On the "Routing" screen you can create audio routing between Dante transmitters and receivers in your system.

Please ensure your PC is on the same network as your Dante devices. Dante is not able to transmit over WiFi and it is recommended to hardwire into the Dante network. Having multiple network devices enabled can also confuse the Dante Controller software so it is recommended to disable WiFi during configuration.
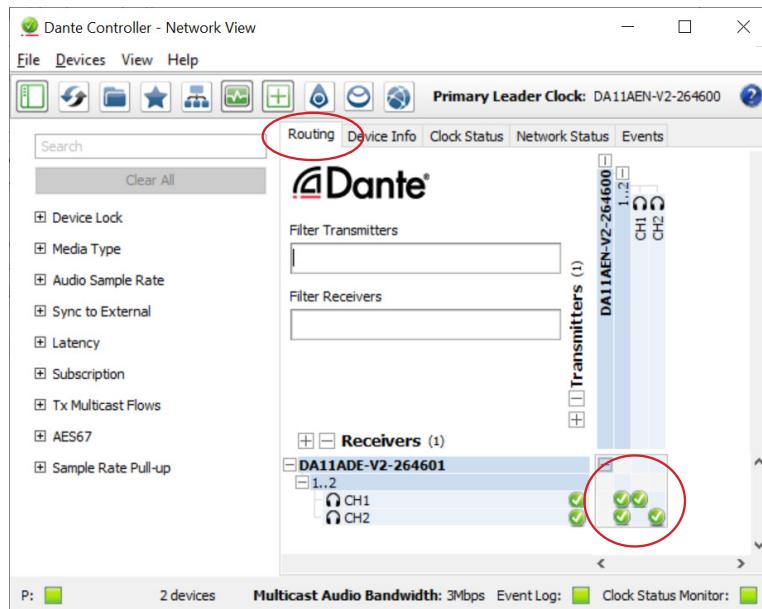
It is also possible to change the settings of the DA11ADE-V2 under the "Device Info" screen in the Dante Controller software. To do so, select the "Device Config" menu.

Here we can adjust the sample rate of the DA11ADE-V2. **Please note** that Dante products can only transmit or receive audio from other Dante products that are set up with the same sample rate. A mismatch in sample rate may stop audio from transmitting.

Under the "Device Config" screen we can also adjust the latency of the DA11ADE-V2 from 2 to 10 milliseconds.
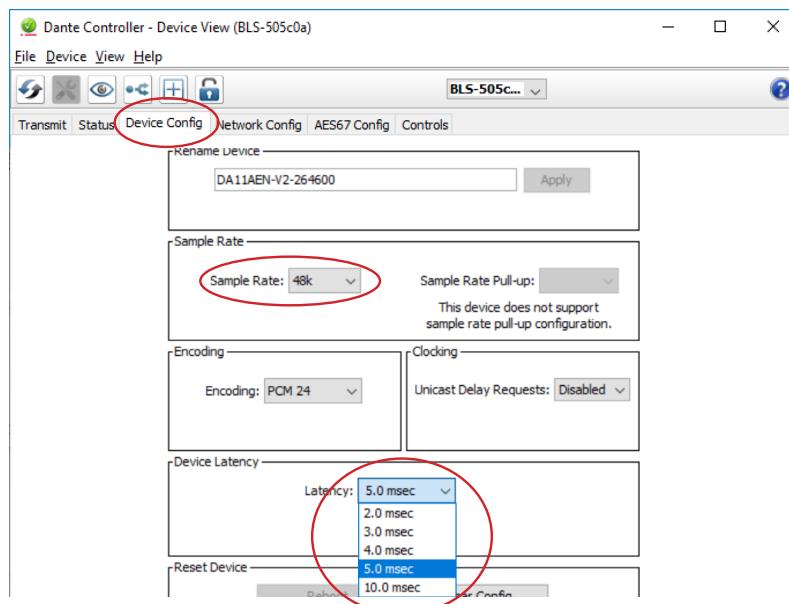
Web Interface Module

The DA11ADE-V2 features an in-built Web GUI which can be used for control and configuration of the device. By default the device is set to DHCP, however if a DHCP server (eg: network router) is not installed the device will receive a link local address in the 169.254.xxx.xxx range. The device info screen of Dante Controller will provide you with the IP address information of each unit.
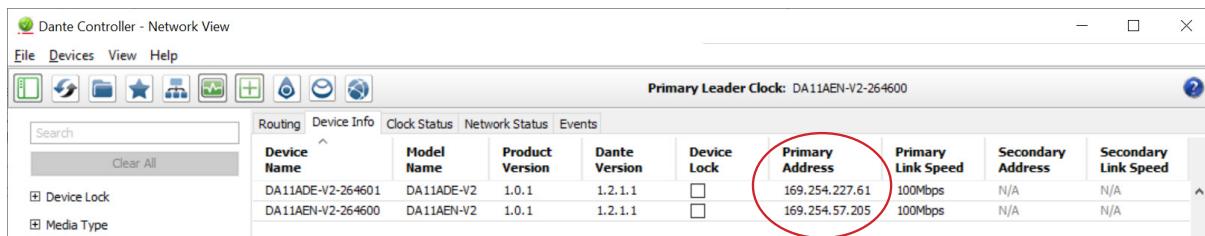
By accessing the IP address of the DA11ADE-V2 in your web browser, you will gain access the unit's web GUI. Due to updated password regulations, the login details for the web-GUI will differ based on the firmware version:

If the DEP firmware version is equal to or below V1.3.1.1, the following credentials will be utilised:

Default **Username**: blustream   Default **Password**: 1234

If the DEP firmware version is equal to or above V1.3.3.5, the following credentials will be utilised:

Default **Username**: blustream   Default **Password**: @Bls1234

Please note: the first time the Administrator logs into the web-GUI of the DA11ADE-V2, the default password must be changed to a unique password. Please retain this password for future use. Forgetting the password will mean having to factory reset the unit, losing all prior network and configuration settings.

New password regulations requires passwords being set for products to be a minimum of 8 characters and contain a minimum of: 1 x uppercase letter, 1 x lowercase latter, 1 x symbol and 1 x number.

This will provide access to adjust the gain for each output channel, as well as change the network settings to meet your systems requirements.

Control Page:

Settings Page:

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Example Schematic
DA11ADE-V2
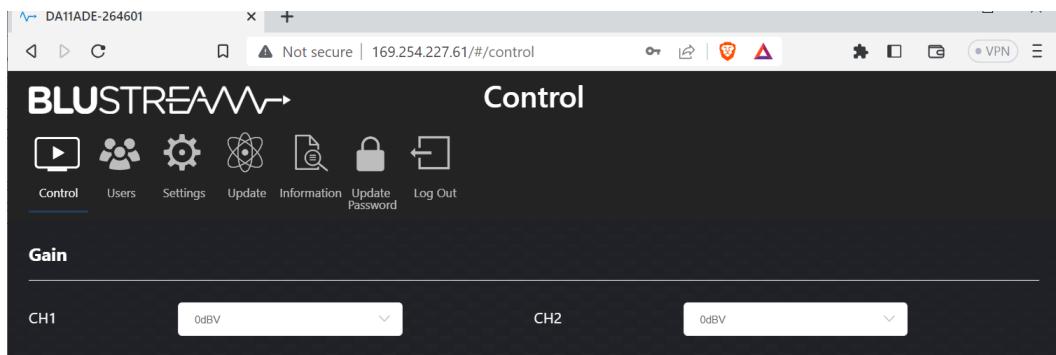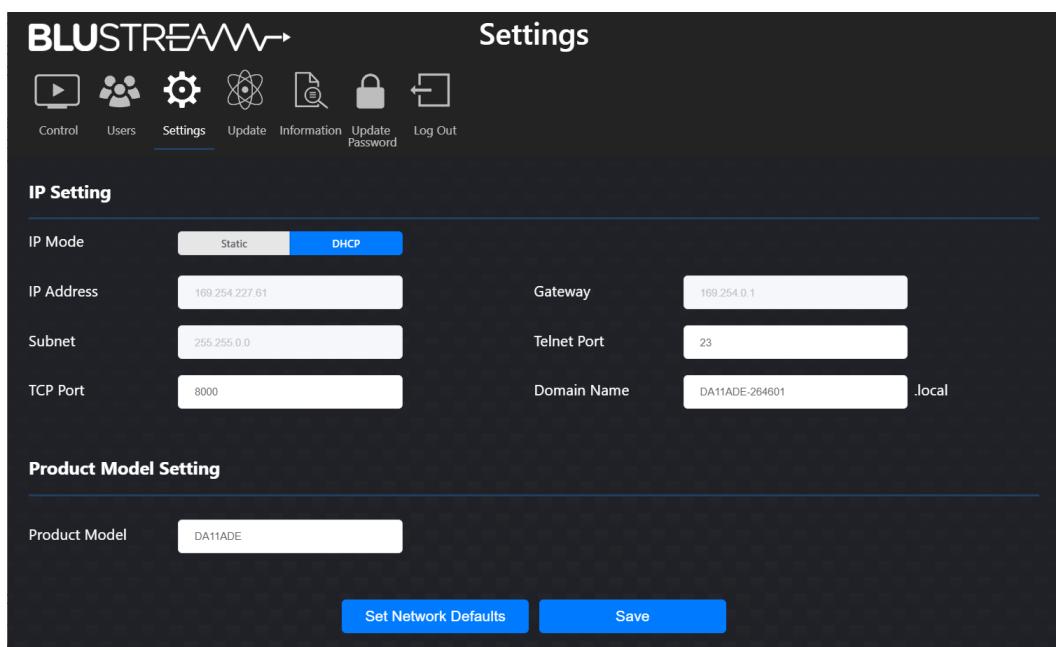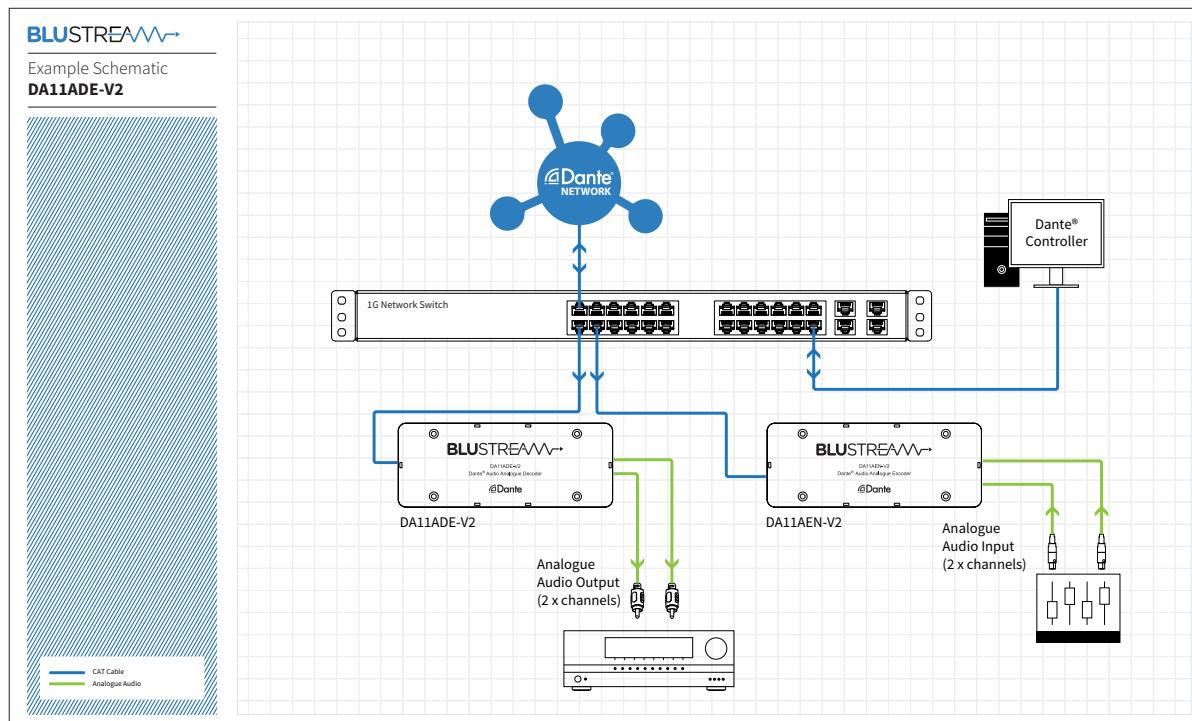
Specifications

Audio Input Connectors: 1 x RJ45, female (100 Mbps Dante® network)

Audio Output Connectors: 6-PIN Phoenix connector (2ch balanced/un-balanced analogue audio)

Casing Dimensions (L x W x H): 120mm x 47mm x 26mm

Shipping Weight: 0.3 Kg

Operating Temperature: 32°F to 104°F (0°C to 40°C)

Storage Temperature: - 4°F to 140°F (- 20°C to 60°C)

Power Supply: Class 0 IEEE 802.3af PoE PD or 12V/1A DC 2-PIN Phoenix connector

Package Contents

• 1 x DA11ADE-V2

• 1 x Quick Reference Guide

Acknowledgements

Dante® is a registered trademark of Audinate Pty Ltd.

Certifications

FCC NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

CAUTION - changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CANADA, INDUSTRY CANADA (IC) NOTICES

This Class B digital apparatus complies with Canadian ICES-003.Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CORRECT DISPOSAL OF THIS PRODUCT

This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Contact: support@blustream.com.au | support@blustream-us.com | support@blustream.co.uk