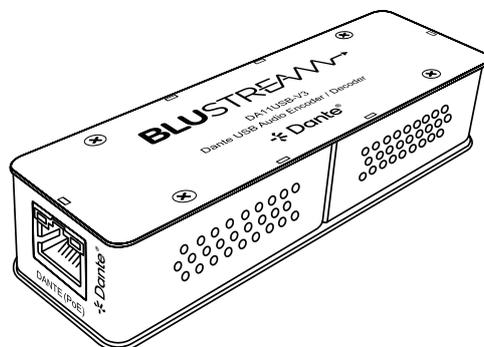


DA11USB-V3

Quick Reference Guide



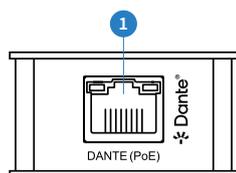
Introduction

Our DA11USB-V3 has been designed to both encode 2ch USB audio to a Dante® digital signal, and decode a Dante® digital signal to 2ch USB audio. The DA11USB-V3 features both USB Type-B and USB-C connections selectable via local toggle switch and is a plug & play device that is powered using PoE (Power Over Ethernet) or via 5V from the USB device. The DA11USB-V3 also supports AES67 RTP audio transport.

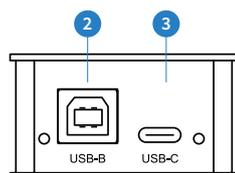
FEATURES:

- Encodes 2ch USB audio to Dante® digital signal
- Decodes a Dante® digital signal to USB audio
- Selectable USB audio between USB Type-B and USB-C inputs
- Compliant with USB Audio Device Class Specification V2.0
- USB Audio Supports 44.1, 48, 88.2, 96, 176.4 & 192 KHz sample rates @ 16, 24 & 32 Bit
- Dante® Audio Supports 44.1, 48, 88.2 & 96 KHz sample rates @ 16, 24 & 32 Bit
- Configurable Dante® device latency (supports 2, 3, 4, 5 or 10ms configurable using Dante® Controller)
- Supports AES67 RTP audio transport
- Features Class 0 IEEE 802.3af PoE for powering of product from any PoE switch
- Supports power via 5V USB for when network switch does not support PoE

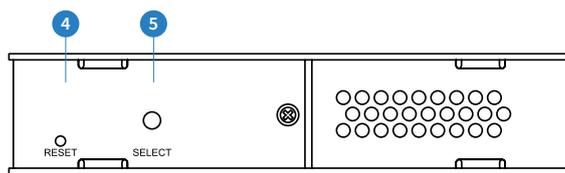
Front Panel



Rear Panel



Side Panel



Connections:

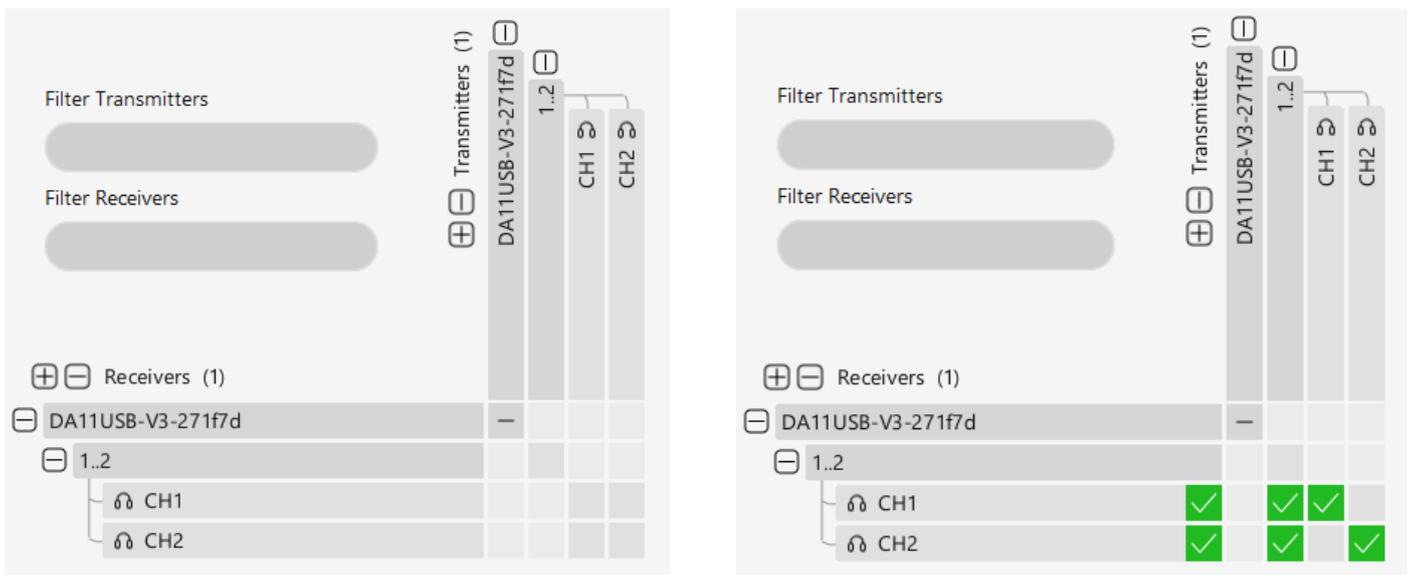
- 1 Dante® Audio Input - RJ45 socket connects Dante® network and powers device via PoE
- 2 USB-B Connection - Connect to PC via USB-B to USB-A cable provided to provide bi-directional 2ch audio
- 3 USB-C Connection - Connect to PC via USB-C cable provided to provide bi-directional 2ch audio
- 4 Reset Switch - Press and hold to reset device
- 5 USB Selection Switch - Toggle the USB connection method between USB-B and USB-C

Dante Controller

Dante Controller software is required in order to setup and configure the DA11USB-V3 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 DA11USB-V3 to a compatible network, the Dante Controller software should automatically discover the device. The DA11USB-V3 will appear in the Dante Controller with a name denoted with “DA11USB-V3”. On the “Routing” screen you can create audio routing between Dante transmitters and receivers in your system.

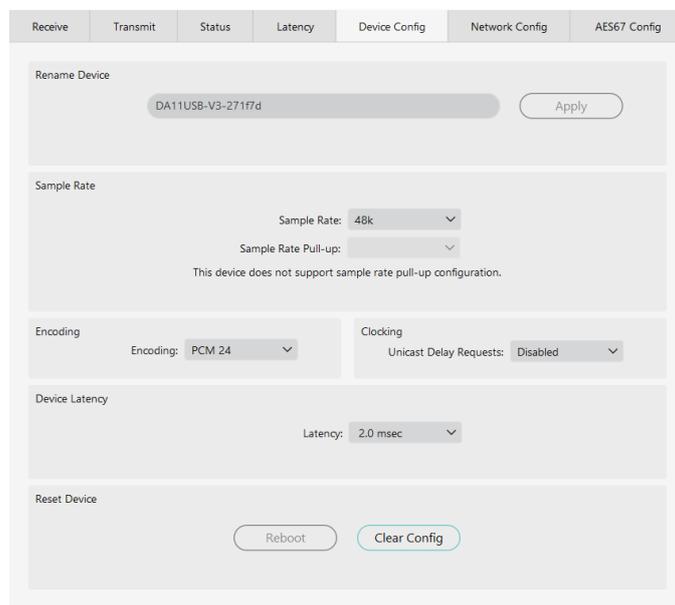
Please ensure your PC is on the same network as your Dante devices. Dante is not able to transmit over WiFi and it is recommended to hardwire into the Dante network. Having multiple network devices enabled can also confuse the Dante Controller software so it is recommended to disable WiFi during configuration.



It is also possible to change the settings of the DA11USB-V3 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 and the encoding bit rate of the DA11USB-V3. 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 DA11USB-V3 from 2, 3, 4, 5 or 10 milliseconds.



Web Interface Module

The DA11USB-V3 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.

Routing		Device Info		Clock Status		Network Status		Events	
Device Name	Model Name	Product Version	Dante Version	Device Lock	Primary Address	Primary Link Speed	Secondary Address	Secondary Link Speed	
DA11USB-V3-271f7d	DA11USB-V3	1.0.1	1.4.0.4	<input type="checkbox"/>	169.254.65.155	100Mbps	N/A	N/A	

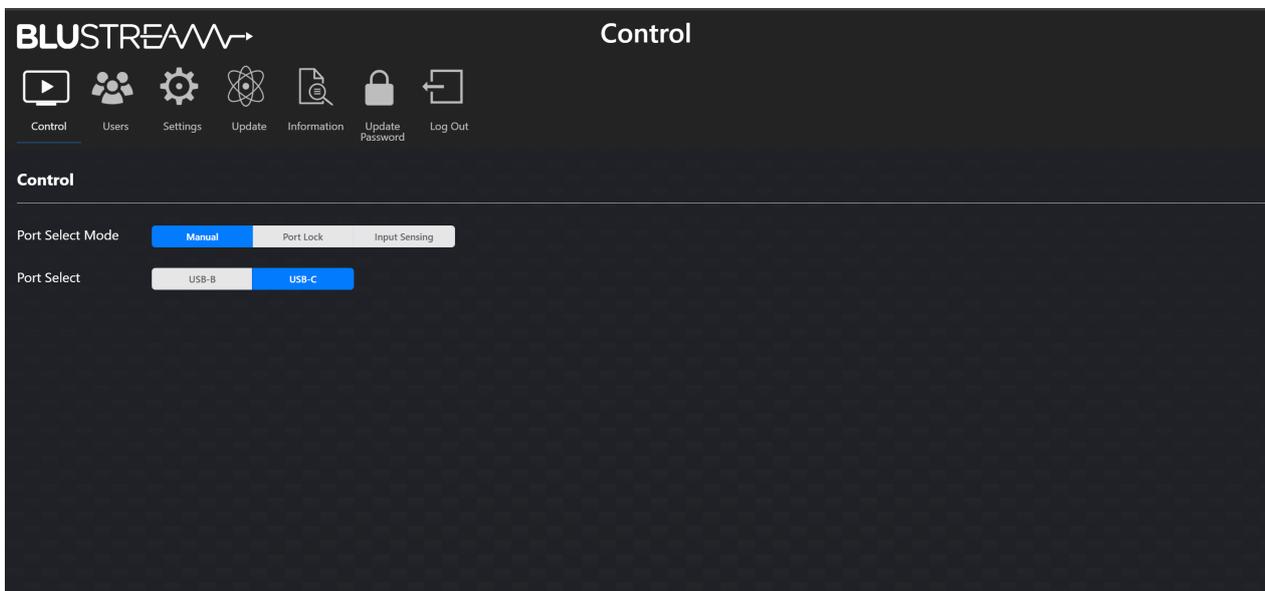
By accessing the IP address of the DA11USB-V3 in your web browser, you will gain access to the unit’s web GUI. The following details will allow you to log in to the admin section:

Default **Username** is: [blustream](#) Default **Password** is: [@BlS1234](#)

This will provide access to change the network settings to meet your systems requirements.

Please note: New password regulations requires passwords being set for products to be a minimum of 8 characters and contain a minimum of: 1x uppercase letter, 1x lowercase letter, 1x symbol and 1x number. On first login to the user interface, a new password will be required to be set that complies with the above.

Control Page:



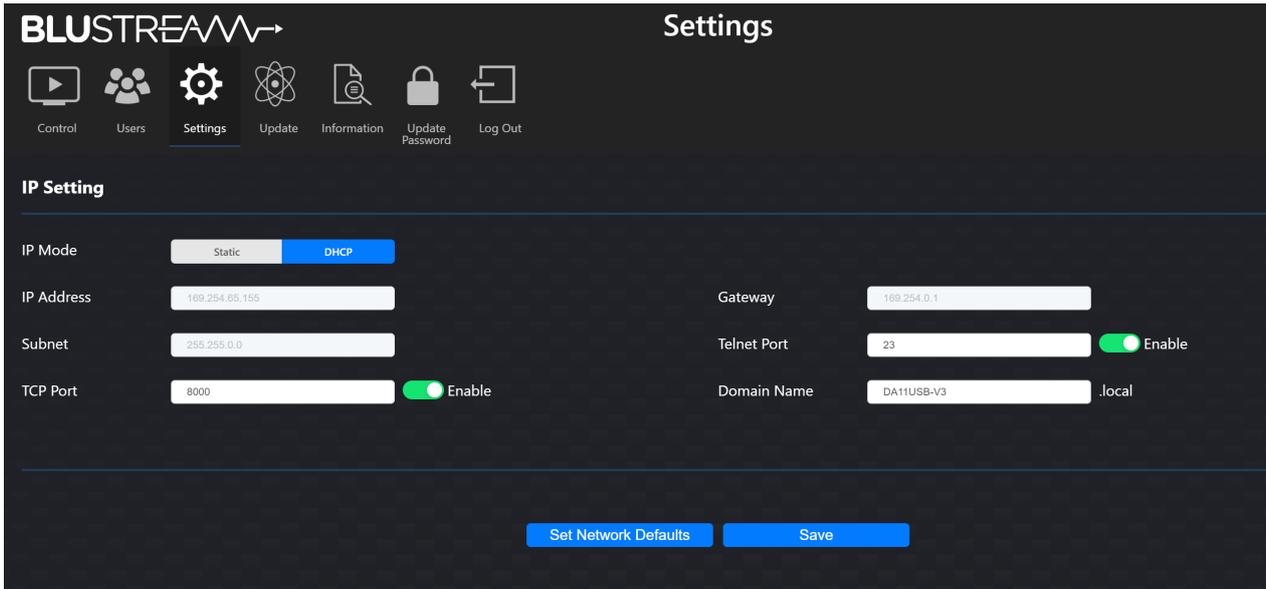
Port Select Mode:

- Manual mode The active USB port can be selected via the physical button, web GUI or API commands regardless of whether USB B or USB C is connected
- Port Lock mode The active USB port cannot be changed
- Input Sensing mode The active USB port will switch to the most recent port to be connected to; if both USB B and USB C are connected, restarting the unit will default to USB C

Port Select (enabled in Manual Port Select Mode):

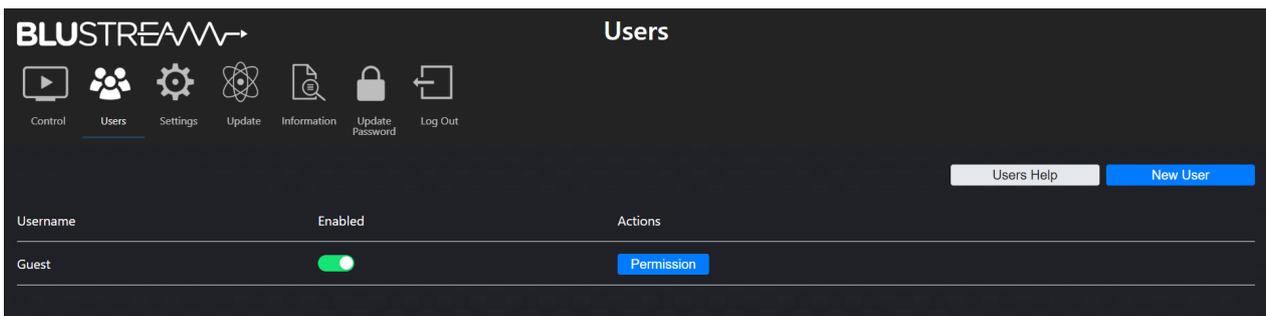
- USB-B
- USB-C

Settings Page:



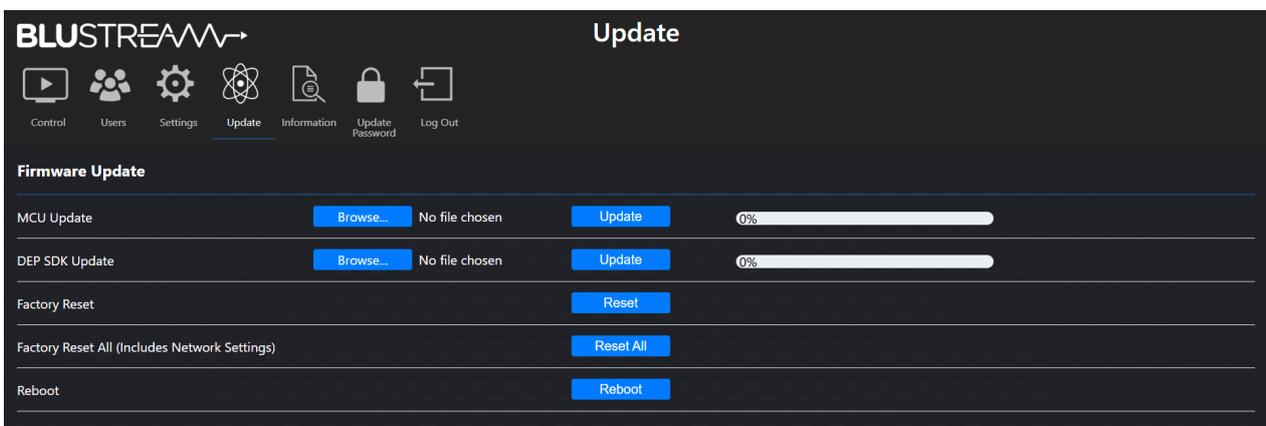
The Network tab allows for network configuration of the DA11USBV3 including IP, Telnet and mDNS settings.

Users Page:

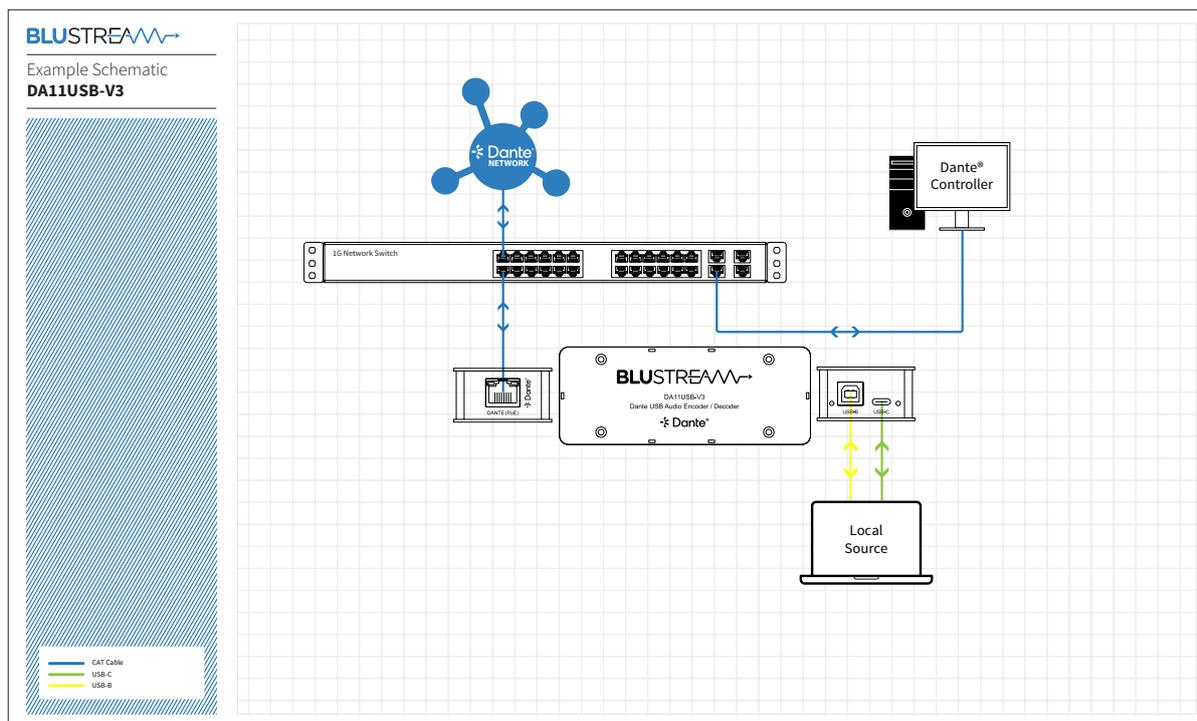


Users and permissions to Port Select can be set up from the Users page.

Update Page:



The MCU and DEP firmware can be upgraded from this page. Reboots and factory resets can also be carried out from here.



Specifications

Audio Input/Output Connectors: 1 x RJ45, female (100 Mbps Dante® network)
1 x USB Type B, female
1 x USB Type C, female

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 5V USB

Package Contents

- 1 x DA11USB-V3
- 1 x USB-A to USB-B 1m cable
- 1 x USB-C to USB-C 1m cable
- 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.

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

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.