

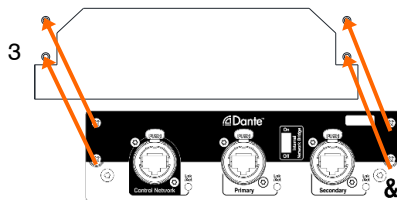
M-DL-DANT64 / M-DL-DANT128

Fitting Note

The Dante 64x64 (M-DL-DANT64) and Dante 128x128 (M-DL-DANT128) cards are audio networking options that can be fitted to an Allen & Heath dLive I/O Port. Both cards provide a 96kHz interface to the Dante audio networking platform and offer 64x64 and 128x128 channels respectively. Both cards can be configured to operate at 48kHz if required.

Fitting the card

1. Switch the system off.
2. Remove the 4 screws securing the I/O Port blank panel on the dLive MixRack or Surface.
3. Slide the card into the slot and press it firmly into the mating connector.
4. Secure the card by tightening the 4 captive thumb screws using a Pozidriv Number 1 (PZ1) screwdriver



Software and firmware

Visit the Audinate website to learn more about Dante:

<https://www.audinate.com/>

Download Dante Controller to route audio and configure devices on a Dante network:

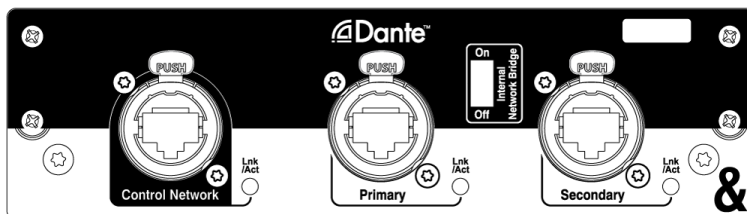
<https://www.audinate.com/products/software/dante-controller>

Download and install the latest version of dLive and M-DL-SDANT64/128 firmware:

<http://www.allen-heath.com>

ⓘ M-DL-SDANT64/128 require dLive firmware V1.80 or higher.

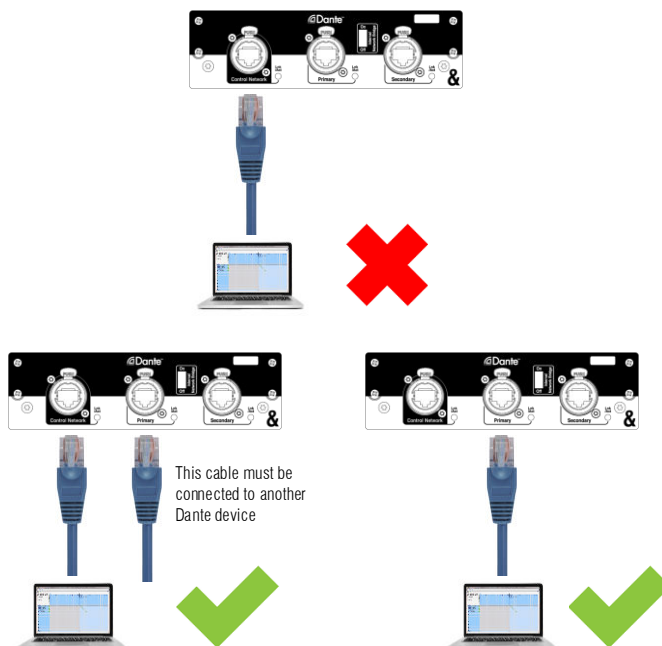
Front panel



Control Network

When the Primary port is in use, the Control Network port can be used to connect to a computer running Dante Controller for setting up the Dante network.

When nothing is connected to the Primary port, the Control Network port is inactive and the Primary port should be used for Dante Controller.



- ❗ The Control Network port does not pass audio
- ❗ The dLive and Dante card should be set to compatible addresses within the same subnet if you intend to run Dante Controller and dLive Director on the same computer.
- ❗ Connecting to a network that includes a DHCP server (such as a router) can change the IP address of the Dante card and could cause temporary loss of audio. Therefore it is recommended that the network is only bridged when necessary.

Primary/Secondary ports

The Primary port can be used to connect directly to another Dante device's Primary port, or to a gigabit switch to join a larger Dante network.

In *Switched Mode*, the Primary and Secondary ports become a 2 port switch for connecting up to 2 devices directly.

In *Redundant Mode*, both sockets can be used to provide a redundant connection using two cables to one device.

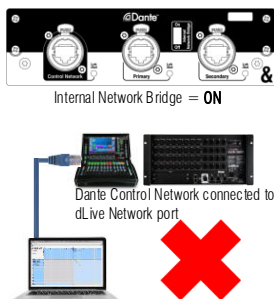
- ❗ To select between Switched Mode and Redundant Mode use **Device View > Network Config > Dante Redundancy** in Dante Controller

Internal Network Bridge

On - In *Redundant Mode*, the dLive Control Network is bridged to the Control Network and Primary ports. In *Switched Mode*, the dLive Control Network is bridged to the Control Network, Primary and Secondary ports.

Off - The dLive Control Network is not bridged to any of the Dante ports.

- ❗ The Internal Network Bridge does not pass audio
- ❗ When nothing is connected to the Primary port, the Control Network port is inactive and the Primary port should be used for Dante Controller.




Setting clock and patching signals

Use the dLive **I/O** screen to patch signals from or to the I/O Ports.

Use the **MixRack / Audio / Audio Sync** screen to select the clock source. Set this to Internal on the clock leader system, or to the relevant I/O Port on all other connected clock follower systems.

Use Dante Controller's **Routing** tab to patch signals between Dante devices.

Use Dante Controller's **Clock Status** tab to select the Dante network leader. Tick "Preferred Leader" and "Enable Sync To External" for the clock leader MixRack/Surface Dante card only.

 For more information on dLive setup and functions please refer to the dLive Firmware Reference Guide available for download at www.allen-heath.com

A limited one year manufacturer's warranty applies to this product, the conditions of which can be found at: www.allen-heath.com/legal.

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