SQ Dante Option Card

M-SQ-SDANTE is one of several audio networking options that can be fitted to an Allen & Heath SQ mixer. It provides a 64x64ch 48/96kHz interface to a Dante network.

Fitting the card

1. Switch the system off.
2. Use a Torx T8 driver to remove the 2 screws securing the I/O Port blank panel to the SQ mixer.
3. Slide the card into the slot and press it firmly into the mating connector.
4. Refit the 2 screws to secure the card.

Control Network Bridge

Go to the **Setup** / **Audio** / **I/O Port** screen to switch on Control Network Bridge. This connects the SQ Network Port and I/O Port control networks.

ⓘ The Control Network Bridge does not pass audio.

ⓘ Connecting to a network that includes a DHCP server (such as a router) can change the IP address of the Dante card. Therefore it is recommended that the network is only bridged when necessary.

Software and firmware

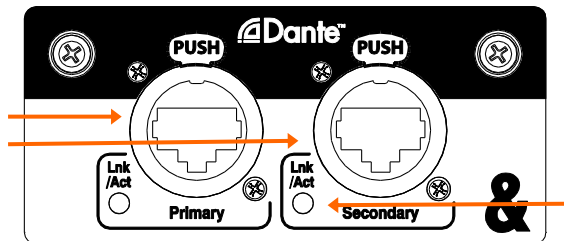Download and install the latest version of SQ firmware:

http://www.allen-heath.com/sq-software

ⓘ M-SQ-SDANTE requires SQ firmware V1.2.2 or above.

Go to the Audinate website to learn more about Dante, and to download software including Dante Controller and Dante Virtual Soundcard (DVS):

http://www.audinate.com/

Front panel

Dante ports
A built-in Gigabit switch with 2 locking EtherCon ports for redundant or switch mode operation

Link Status
Flashes to indicate network activity

Setting clock and patching signals

Use the SQ **I/O** screen to patch signals from or to the I/O Port.

Use the **Setup** / **Audio** / **Audio Sync** screen to select the clock source for the mixer. Typically, this is set to Internal, unless the mixer is syncing from the Dante card (clock slave), for example in a digital split setup.

> ⓘ For more information on SQ setup and functions please refer to the SQ Firmware Reference Guide available for download from www.allen-heath.com.

Use **Dante Controller** to patch signals to/from other devices, and configure the sample rate and clock settings for the card.

> ⓘ If you set the mixer clock to Internal, select **Enable Sync To External**. To clock other Dante devices to this option card, select **Preferred Master**.

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

CE This product complies with the European Electromagnetic Compatibility directive 2014/30/EU and the European Low Voltage directive 2014/35/EU.

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