

M-SQ-DANT32 / M-SQ-DANT64

AP13279 Issue 1

Fitting Note

The M-SQ-DANT32 and M-SQ-DANT64 cards are audio networking options for use in an Allen & Heath SQ or AHM system. They provide a 32x32ch or 64x64ch interface between the mixer/processor and a Dante network and can be configured to operate at 48kHz or 96kHz.

Firmware and Software

M-SQ-DANT32/64 **V3** cards require up-to-date mixer/processor firmware.

Download and install the latest version of firmware for the SQ or AHM from <http://www.allen-heath.com>

Visit the Audinate website to learn more about Dante. Download Dante Controller to route audio, configure devices on a Dante network, and check for the latest card firmware. <http://www.audinate.com/>

Fitting the card

1. Switch the system off.
2. Use a Torx T8 driver to remove the 2 screws securing the I/O Port blanking panel.
3. Carefully align, then slide the card into the slot and press 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 on an SQ or the **Configure / I/O Port** screen in AHM System Manager to switch the Control Network Bridge On/Off. When 'On', control messaging is shared between the Network Port and the I/O Port, allowing connection to the mixer/processor through the Dante network or control of the Dante option card through the Network Port.

- ❗ The Control Network Bridge does not pass audio.
- ❗ Connecting a network that includes a DHCP server (such as a router) can change the IP address of the Dante card, so it is recommended that the control network is only bridged when necessary.

Setting clock sync and patching signals

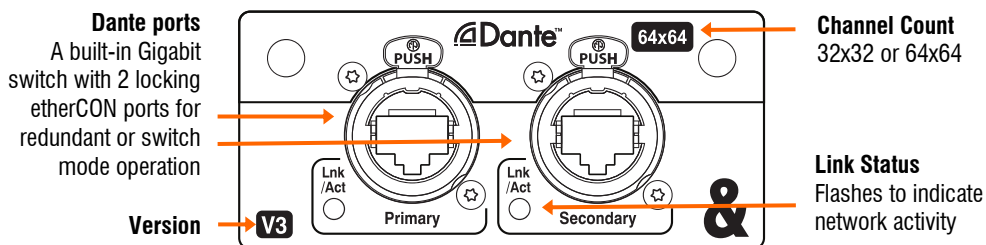
Go to the **Setup / Audio / Audio Sync** screen on the SQ or **Configure / Unit / Audio Sync** in AHM System Manager to select the clock/sync source for the mixer/processor. Typically, this is set to Internal, but can be switched to 'I/O Port' to sync from the Dante network.

Patch signals between the mixer/processing core and Dante option card (internally) by patching to and from the I/O Port in patching or routing screens.

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

- ❗ If the mixer/processor clock source is set to Internal, select **Enable Sync To External** in Dante controller for the option card. Then select **Preferred Leader** to clock other Dante devices to this option card.
- ❗ For detailed up-to-date information on setup and functions of the SQ or AHM system please refer to the latest guides, available for download from www.allen-heath.com.

Front Panel



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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