

TECHNICAL NOTE



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Distributed to: as required

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Fourier Interface Card

Updating Fourier Interface Card to be HYPERPORT Compatible

HYPERPORT Overview

HYPERPORT is a low latency audio link between Fourier Audio transform.engines and compatible DiGiCo hardware. It provides 64 channels of audio in and out at both 48k and 96k.

This update will enable Fourier Interface Cards to work in both Dante and HYPERPORT mode.

Note that if using a dual engine DiGiCo console, the update must be applied to the Fourier Interface Card in each engine.

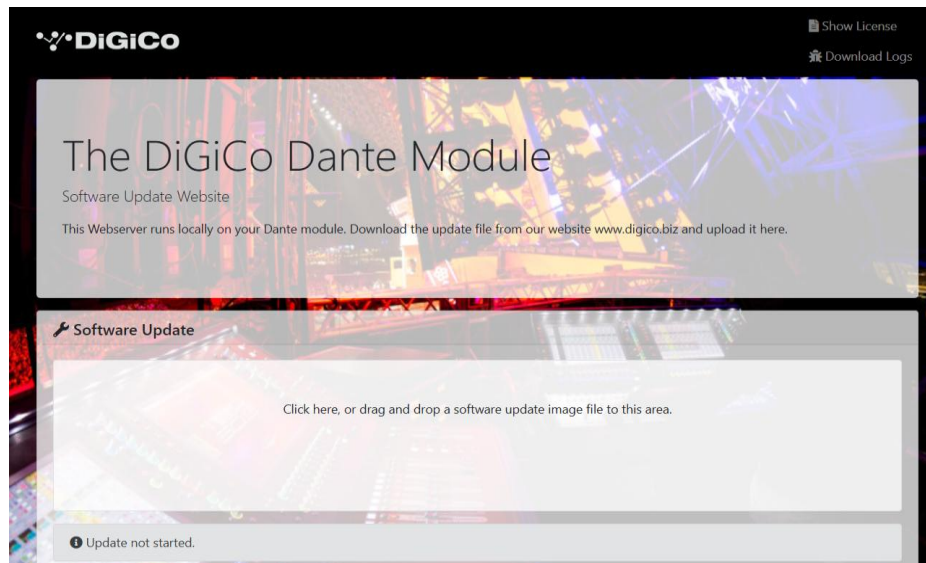
Update Procedure

The following update is compatible with any SD or Quantum console fitted with a Fourier Interface Card. Firmware version 1.0.24 enables the Fourier Interface Card to work in HYPERPORT mode when connected to a transform.engine. This requires a firmware file named **DiGiCo Fourier Interface Card 1.0.24.upd** which will be available for download from the Support section of the DiGiCo website.

Before updating, disconnect all external devices from the Fourier Interface Card.

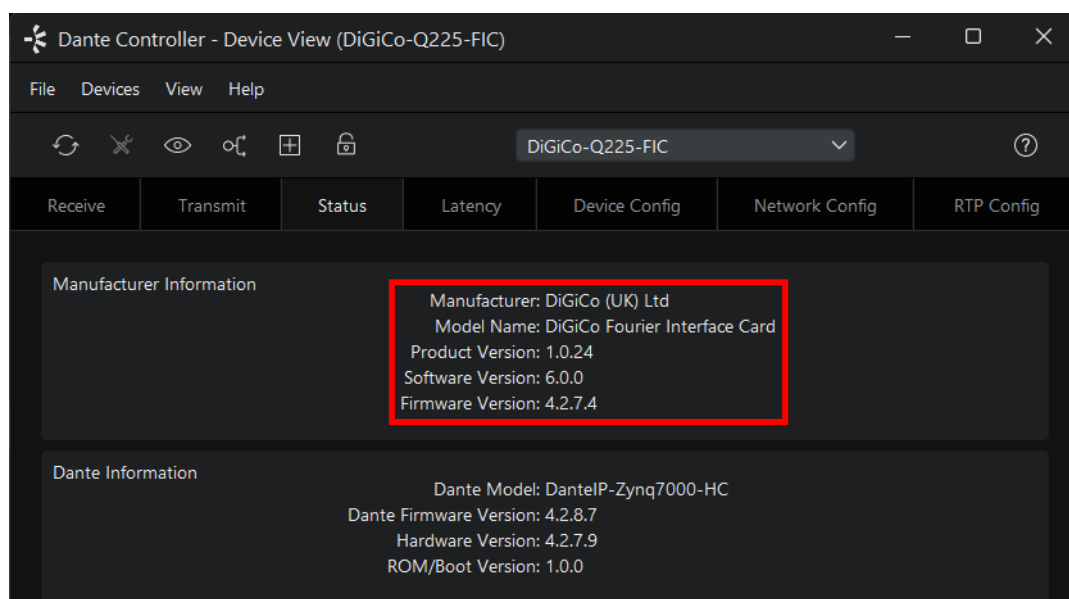
1. Connect a computer to the Dante Network and ensure the computer's IP and Subnet are in the same range as the Dante IP address of the Fourier Interface Card.
2. Look in Dante Controller and locate the IP address of the Fourier Interface Card.
3. Place the firmware update file titled **DiGiCo Fourier Interface Card 1.0.24.upd** in a known location on the computer.
4. Open a web browser and type the IP address of the Fourier Interface Card's Dante module into the browser.

5. This should open the page below in the browser.



6. Click in the update space to open a file browser and select the update file, or drag the update file from its location and drop it into the box in the web browser page.
7. The firmware update should begin automatically.
8. Please note there is no update complete notice. Once the screen reverts to the view above, the process is complete. If the screen does not revert to the view above but continues to display a “Restarting” message, please wait 2 minutes then shut down and repower the console that the Fourier Interface Card is fitted to.

Once the update has completed successfully, it will show the Product Version as 1.0.24 in Dante Controller.



Enabling HYPERPORT

To enable HYPERPORT, the console must be running v22 application or later. The connected transform.engine must be running v1.7 or later.

The Fourier Interface Card will by default be in Dante mode, exhibiting all the same behaviour as before the update. When a transform.engine is connected and attempts to talk to the Fourier Interface Card in HYPERPORT mode, the card will automatically switch to HYPERPORT mode. When the HYPERPORT connection to the transform.engine is lost, the card will revert to Dante mode.

For more information on HYPERPORT, visit the following links:

<https://docs.fourieraudio.com/manual/installation/hyperport/>

<https://docs.fourieraudio.com/manual/connections/hyperport/>