

TECHNICAL NOTE

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Upgrading Quantum8 to V1889

These instructions will guide you through updating your QUANTUM8 Console to the latest release.

V1889 is the latest release and is a recommended update.

Please read and follow the instructions carefully and do the upgrades in the order shown.

Allow yourself plenty of time to perform these upgrades.

The following table lists the versions and codes you will end up with after performing this update.

Description	Version 1879	Version 1889
Software	18.0.1879	18.0.1889
Engine: SHARC 1	07/12/2023	04/06/2024
Engine: SHARC 2	07/12/2023	24/04/2024
Engine: SHARC 3	07/12/2023	24/04/2024
Engine: SHARC 4	27/02/2024	27/02/2024
Engine: SHARC 5	27/02/2024	27/02/2024
Engine: FPGA 1	01/11/2023	01/11/2023
Engine: FPGA 2	28/02/2024	04/04/2024
Engine: FPGA 3	28/02/2024	04/04/2024
Engine: FPGA 4	25/08/2023	25/08/2023
Engine: FPGA 5	25/08/2023	25/08/2023
Engine: Host	V106	V106
Q8 Upper Worksurface	0.30	0.32
Q8 Lower Worksurfaces	0.30	0.32
Local IO	0.26	0.26
Q8 Switcher	0.22	0.22
Q8 CPU Switcher	10.3	10.3

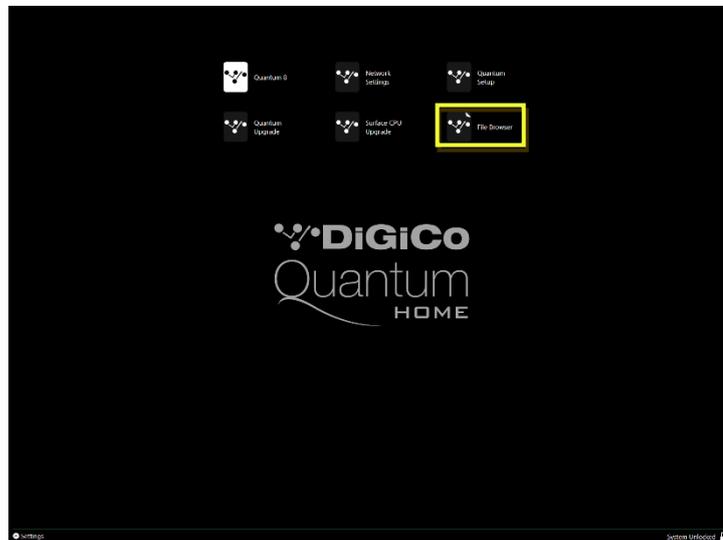
Disconnect All Optocore, MADI, Local I/O Audio and Headphone Connections before proceeding with this upgrade.

On both the A & B Engines

1. Go to **System > Quit to Home**. Both engines should enter **Quantum Home**
2. Unzip and copy the Software Updaters **Quantum8_V1889z_Updater.exe** and **Quantum Home Updater.exe** onto a suitable USB Key and insert into the upper master worksurface USB Socket on the QUANTUM8.

On Engine A

3. Click **File Browser**. Navigate to your USB Key and run **Quantum8_V1889z_Updater.exe** from your USB Key.



4. Click **Install** and follow any on screen instructions. The updater will install the required updates, application software, and backup your current QUANTUM8 application folder.
5. Once the installer has finished, Quantum Upgrade should run. If it does not, in Quantum Home click on **Quantum Upgrade** to start the updater.
6. In Quantum Upgrade, for each device, you will see the current running version in the “running” column, with the new version in the “available” column. The available version is based on the corresponding file in D:\QUANTUM8 directory.

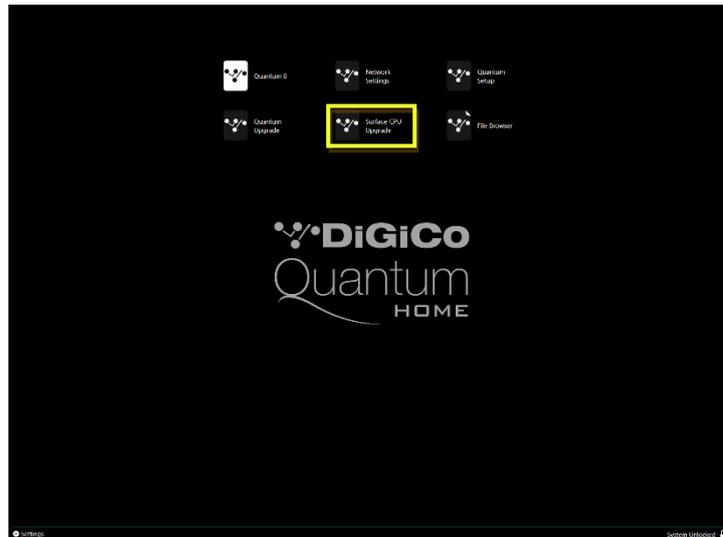
Please update any item that has a **Green Tick** in the **Required** column in the order shown below. From V1879 to V1889 the following require upgrading.

SHARC 1, 2 & 3
FPGA 2 & 3
Upper Worksurface
Lower Worksurfaces (x3)

The Green ticks in the required column may still be visible for short time after the upgrade is complete while the worksurface reset is completed.

7. Once all worksurface TFT displays are showing the Quantum Logo, close **Quantum Upgrade**.

8. In Quantum Home, Click on **Surface CPU Upgrade**.



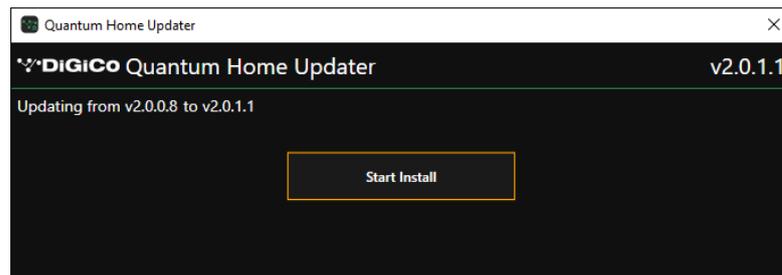
9. Click the **“Update all”** button located in the top right corner. The upgrade will begin.

10. Once all the lines are green, the upgrade is complete. Please close the program.

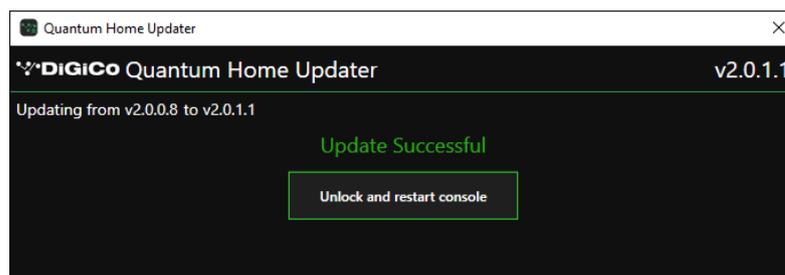
11. Click on **File Browser** and Navigate to your USB Key

12. With the console system still locked, run **Quantum Home Updater.exe**.

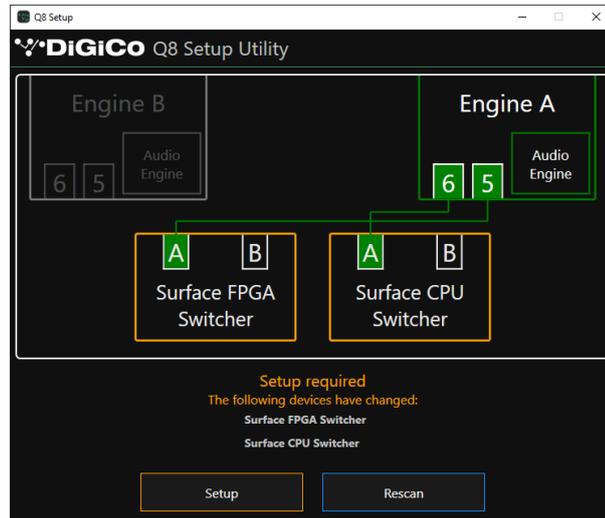
13. Click **Start Install**



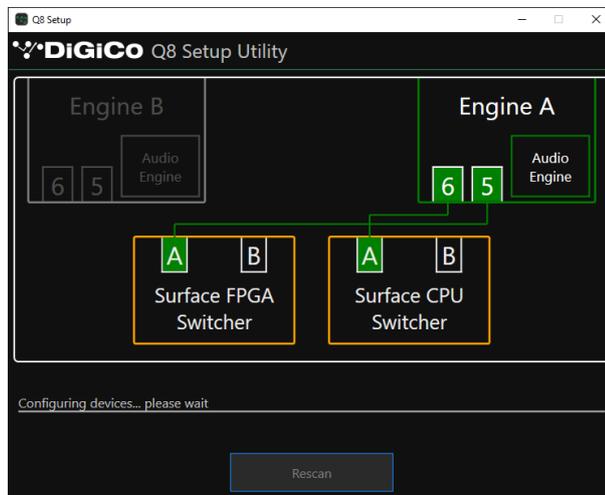
14. When the update is complete, click **Unlock and restart console**



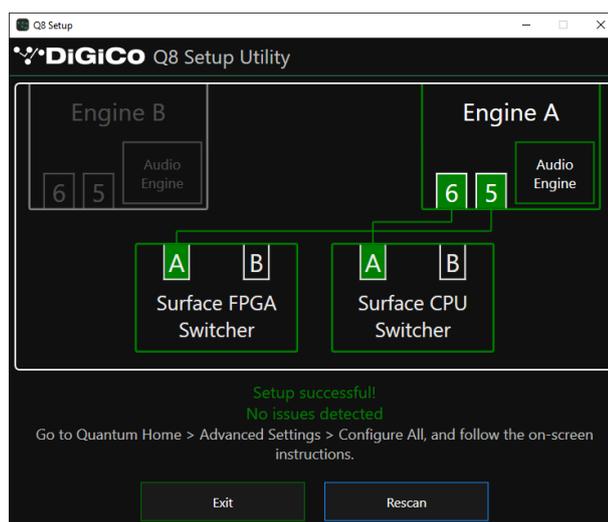
15. Quantum Setup will run and indicate that further **Setup** is required - Click the **Setup** button.



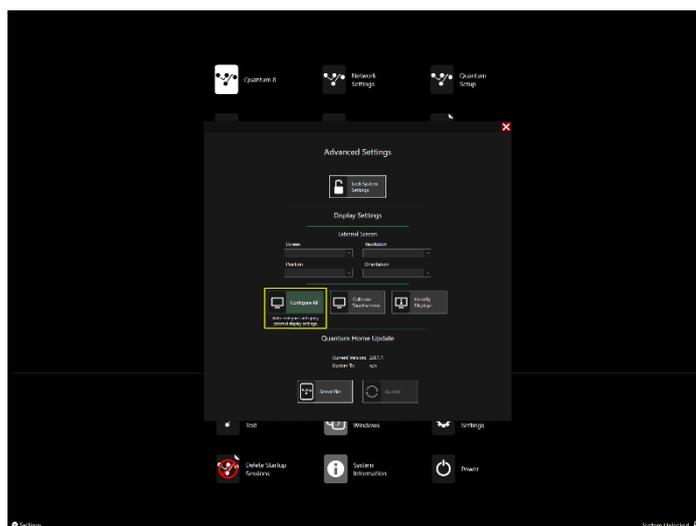
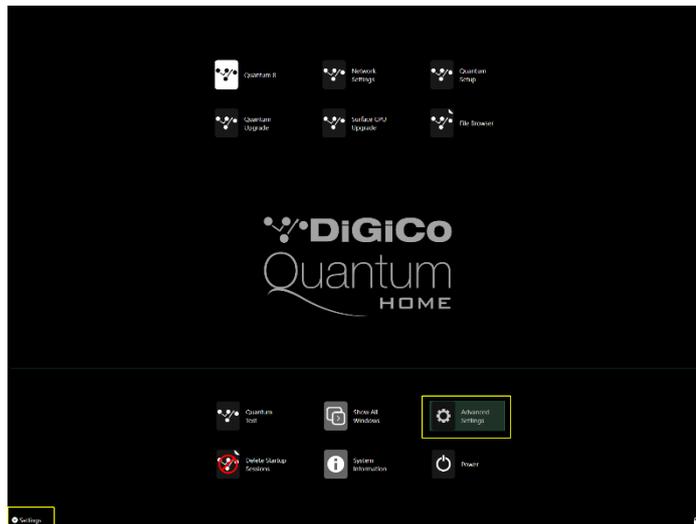
16. A **Configuring Devices...please wait** progress bar will be displayed.



17. When the process has been completed, the orange highlights will turn green and a message will confirm that **Setup** has been successful – click **Exit** to return to Quantum Home.



18. Click **Settings > Advanced Settings > Configure All**

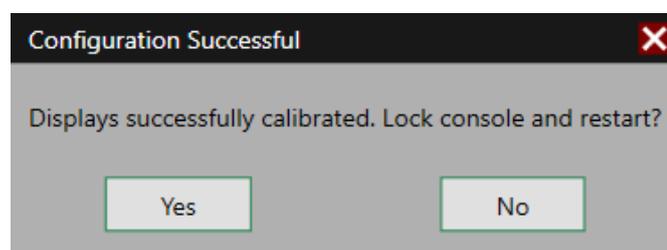


19. Follow the on-screen instructions requiring each screen to be touched in turn, pressing the keyboard ENTER key after each touch.

Tap this screen with a single finger to identify it as the touchscreen.

If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.

20. When the displays have been configured, click the **Yes** button and the console will automatically lock and restart.



Now Switch to Engine B

21. Repeat steps **3-7** and **11- 20** on Engine B.

Please note that only **SHARC 1, 2, & 3** and **FPGA 2 & 3** require upgrading on Engine B.

No other devices will require upgrading from the B engine.

The Worksurfaces, Switchers and local IO may not be visible in Upgrade Quantum on Engine B. This is expected.

Once you have repeated steps 3-7 & 11 – 20 on Engine B, perform a full system shut down of both engines and power off.

22. Power on the console.

You should now check that all the components have updated correctly in the Diagnostics Panel.

Open this from the System Menu > Diagnostics.

The First Tab (Console) will show the version for any serial devices you have updated.

The right-hand section of this window lists the Serial devices, and in the code column, you can see the version running. These should match the new release versions listed at the start of this document. If they do not, it is likely that the upgrades have failed, and you should repeat the upgrade process (from step 5) using the Upgrade Quantum application in Quantum Home.

The second Tab (Engine) will show the Engine Codes you have updated. Confirm that the Host, SHARC & FPGA Codes Downloaded Dates match the date listed on the first page of this document.

If, after following all the instructions, you cannot upgrade your QUANTUM8, please contact DiGiCo Technical Support.
