

TECHNICAL NOTE

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Ref: TN635

Raised by: RW

Distributed to : As Required



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Upgrading SD7 to V2025

These instructions will guide you through updating your SD7 Console from V1926 to the latest release. If you are upgrading from a version earlier than V443, please contact DiGiCo Support before attempting this upgrade. You can update directly from V443+ to V2025.

V2025 replaces V1926 as the latest release.

The required Firmware upgrades are shown in the table below.

Please note that in the unlikely event that any of the serial devices fail to update correctly, you may be required to reprogram them using an ICD2 programmer. Please consult your local DiGiCo distributor for more information.

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 1926 | Version 2025 |
|-----------------------------|--------------|------------------|
| Software | 19.0.1926 | 20.0.2025 |
| Worksurfaces | 58 | 58 |
| Local I/O | 120 | 120 |
| Timecode | 48 | 48 |
| Switcher | 45 | 45 |
| Engine : HOST | 05/07/2021 | 05/07/2021 |
| Engine : FPGA | 06/11/2012 | 06/11/2012 |
| Engine : Effects | 18/04/2012 | 18/04/2012 |
| SD-Rack: Rack8b.bin | 21/09/2016 | 21/09/2016 |
| SD-Rack : Rack8b.bit | 05/07/2012 | 05/07/2012 |
| D-Rack : Drack8b.bin | 10/12/2014 | 10/12/2014 |
| D-Rack : Drack.bit | 28/08/2023 | 28/08/2023 |
| D2-Rack: D2rack.bin | 03/11/2017 | 03/11/2017 |
| D2-Rack:D2rack.bit | 28/08/2023 | 28/08/2023 |
| DiGiRack/MADIRack: Rack.bin | 28/09/15 | 28/09/15 |
| DiGiRack/MADIRack: Rack.bit | 10/03/06 | 10/03/06 |
| Optocore V221 Firmware | V5R3 | V5R3 |

**Disconnect All Optocore, MADI, Local I/O Audio and
Headphone Connections before proceeding with this upgrade.
Quit Both Engines to Windows**

ON ENGINE A ...

1. Copy the Software Updater **SD7_V2025z_Updater.exe** onto a suitable USB Key and insert into a free USB Socket on the SD7.

2. Right-Click on the **Start Menu**, and choose **Explore**.

Navigate to your USB Key and run **SD7_V2025z_Updater.exe** from your USB Key. This updater will install the required updates, application software, and backup your current SD7 application folder.

3. The **UpdateHardware** application will now automatically run.

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:\SD7 directory.

Now proceed with the console firmware updates in the following order:-

None required

If you are updating from a version previous to V1926, there may be Console firmware updates to perform.

Once complete, close the **UpdateHardware** Program and remove your USB Key from the Console.

4. From the Start Menu, shut down Engine A. Do not power the console off.

Switch to the B Engine and perform the same procedure from Point (1) to upgrade Engine B.

Note: No Surface or Rack codes need updating on Engine B. The Serial Devices are shared devices, and should only be updated from Engine A. Rack Codes should only be update from the A Engine.

5. Once Engine B has been updated, shut down Engine B and turn the console power off

6. Power the console on. Both engines will launch straight into the SD7 application.

You should 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 Point 3) using **D:\SD7\UpdateHardware.exe**.

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

**If, after following all the instructions, you cannot upgrade your SD7, please contact
DiGiCo Technical Support.**
