

# TECHNICAL NOTE

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Distributed to : As Required



Soundtracs - Digico(UK) Ltd. Unit 10 Silverglade Business Park Chessington Surrey KT9 2QL England  
Tel: +44 1372 845600 email: [support@digiconsoles.com](mailto:support@digiconsoles.com) [www.digico.biz](http://www.digico.biz)

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## Upgrading SD9 to V1619

These instructions will guide you through updating your SD9 Console to the latest release V1619.

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 V1619.

V1619 replaces V1528 as the latest release.

If you are upgrading from a version of software earlier than V821, SD9 Stealth Core 2 software is a Chargeable Upgrade. Your console will start for 10 times without an activation code after which one must be entered.

To purchase an activation code (password), please go to [www.digico.biz](http://www.digico.biz)

If you are upgrading from V821 or above and have already activated Core 2, this activation will remain in place.

The required Firmware upgrades are shown in the table below.

**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

Note: In this table Engine HOST and FPGA codes marked in green with an asterisk only apply to MKII engines

	Version 1528	Version 1619
Software	15.0.1528	<b>16.0.1619</b>
Worksurfaces	107	107
Local I/O	23	23
Engine: HOST – d6host.bin	05/07/2021	05/07/2021
* Engine: HOST – sp6e.bin	05/07/2021	05/07/2021
Engine: FPGA – d7a.bit	06/11/2012	06/11/2012
* Engine: FPGA – sp6e.bit	29/01/2013	29/01/2013
Engine : Effects	18/04/2012	18/04/2012
D-Rack: Drack8b.bin	10/12/2014	10/12/2014
D-Rack : Drack8b.bit	13/03/2014	13/03/2014
D2-Rack: D2rack.bin	03/11/2017	03/11/2017
D2-Rack:D2rack.bit	01/04/2014	01/04/2014
SD-Rack: Rack8b.bin	21/09/2016	21/09/2016
SD-Rack : Rack8b.bit	05/07/2012	05/07/2012
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, MADi, Local I/O Audio and Headphone Connections before proceeding with this upgrade.**

**Quit to Windows (system > quit to windows)**

1. Copy the Software Updater **SD9\_V1619z\_Updater.exe** onto a suitable USB Key and insert into a free USB Socket on the SD9.

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

Navigate to your USB Key and run **SD9\_V1619z\_Updater.exe** from your USB Key. This updater will install the required updates, application software, and backup your current SD9 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:\SD9 directory.

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

**None required**

**If you are updating from a version previous to V1528, 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 the console and power off.

5. Power the console on. The console will launch straight into the SD9 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 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.

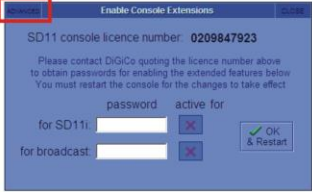
**6. If you are upgrading from V760 or previous (not required if upgrading from V821) - Go to *System>Enable Extensions* and touch in the top left corner on **Core 2** to obtain your security code so you can purchase and activate your Stealth Core 2 Licence.**

### **Stealth Core 2 Upgrade – IMPORTANT NOTES about activating your Core 2 upgrade**

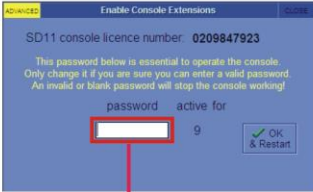
**If you are upgrading from V821 and have already activated Core 2, these steps are not necessary as the Core 2 activation will already be in place and will remain so.**

**If you are upgrading from V760 or earlier, when you have generated the password, go to the console Master Screen > System > Enable Extensions and do the following:**


Select Core 2 Page




This is the Core 2 Page



STEP 1 - Type the Password



STEP 3 - Press OK & Restart Button



STEP 4 - Press Yes to confirm Restart

**OR**

If 10 free tries have already expired you will see this panel on application start



In this case - **Type the Password** and press the on screen **OK** button and the application will load as Core 2  
To exit the application without entering a password press the keyboard **ESC** key

**If, after following all the instructions, you cannot upgrade your SD9, please contact DiGiCo Technical Support.**