dCS Paganini Transport **v1.11** & *dCS Paganini DAC* **v1.30**
Software Updates

The CD supplied with these instructions contains new software for two products. It can be used to update the software in any *dCS Paganini Transport* to version 1.11 and any *Paganini DAC* to v1.30. *dCS* contact information is given at the end of this document.

If you are nervous about performing this update, please do not worry - it is easy.

Please read the instructions for the product you are updating before starting the update.

Only use CDs provided by *dCS*.

You can update directly from any issue to the current issue.

Paganini Transport **Update Procedure**

- Disconnect any 1394 and word clock cables from the Transport.
- Mute your power amplifier.
- Load the *dCS* Update disc into the Transport, **PLAY** the disc for about 10 seconds and then press **STOP**. The disc must **not** be playing at this point.
- Open the *Paganini Transport*'s menu by pressing the **Menu** button on the front panel. Press the **Menu** button again to select the Information menu. Press the → button (**Play / Pause**) 3 times to highlight the CD Update page and press the **Menu** button to start the update.

The update is automatic from this point. The display sequence is shown below, with approximate times.

   00:00   **Please wait - Starting CD – Scanning – OK** are displayed in sequence.

If there is anything wrong with the *dCS* Update disc that has been loaded, or it does not match the product, the unit will display **Wrong Disc!** and revert to normal operation. Don't worry – the internal software is unchanged. If the disc is of the correct type, see page 3.

00:25	**Ver 1.11**	
01:15	**1/32**	The first block of data is read from the disc.
02:15	**2/32**	The second block of data is read ...
...		
32:15	**32/32**	The last block of data is read.
33:10	**Please wait**	**DO NOT SWITCH OFF** The unit reboots.
33:15	**Paganini Transport**	**DO NOT SWITCH OFF**
35:50	**Welcome**	
36:00	**02 01:06:44**	The unit finishes uploading the new software and reads the disc.

- Switch the *Paganini Transport* off (NOT just to sleep mode), wait 10 seconds, then switch on again. This re-boots the 1394 interface.

Your *Paganini Transport* is now ready for use. Remember to re-connect the 1394 and clock cables.

What's new in *Paganini Transport* **v1.11?**

This version adds the Vivaldi Mode menu page – this allows the two AES outputs to be configured as a Dual AES pair, outputting encrypted DSD data either direct from an SACD or upsampled from a CD. Use Vivaldi Mode with *Paganini DAC* v1.30, *Scarlatti DAC* v1.30 or any *Vivaldi DAC*.

Paganini DAC Update Procedure

- Disconnect any 1394 cables from the DAC.
- Mute your power amplifier.
- Load the *dCS* Update disc into the Transport, making sure it is in **STOP** mode. The disc must **not** be playing. If you are using the AES output, Vivaldi Mode must be set to OFF.
- Connect the Transport's AES or RCA output to the matching input of the DAC and use the **Input** button to select that input. If necessary, use the **Sync** button to set the DAC to **Audio** sync mode. The DAC should lock and display **00/44.1**.
- Open the *Paganini DAC*'s menu by pressing the **Menu** button on the front panel. Press the **Menu** button again to select the Information menu. Press the → button (**Sync**) 3 times to highlight the CD Update page and press the **Menu** button to start the update. The display sequence is shown below, with approximate times.

  00:00   **Please wait - Please start CD**   are displayed in sequence.

- **Select track 2** and press the Transport's **Play** button. The update is automatic from this point.

> ⚠️ **If you play Track 1 by mistake the unit will display Wrong Disc! and abort the update.** Please start again but select track 2.

  00:15   **Scanning – OK** are displayed in sequence.

If there is anything wrong with the *dCS* Update disc that has been loaded, or it does not match the product, the unit will display **Wrong Disc!** and revert to normal operation. Don't worry – the internal software is unchanged. If the disc is of the correct type, see page 3.

00:35	**Ver 1.30**	
01:25	**1/32**	The first block of data is read from the disc.
02:25	**2/32**	The second block of data is read ...
...		
33:25	**32/32**	The last block of data is read.
34:15	**Please wait**	**DO NOT SWITCH OFF**. The unit reboots.
34:20	**Paganini DAC**	**DO NOT SWITCH OFF**.
35:50		The unit reboots.
36:00	**00/44.1**	The unit finishes uploading the new software.

- Switch the *Paganini DAC* off (NOT just to sleep mode), wait 10 seconds, then switch on again. This re-boots the 1394 interface.

Your *Paganini DAC* is now ready for use. Remember to re-connect the 1394 cable and change the **Sync** setting if necessary.

What's new in *Paganini DAC* v1.30?

Updating from v1.20, the new software adds support for some new input data formats:

- The Dual AES input accepts 352.8kS/s, 384kS/s and DSD in DoP format.

- The Dual AES input accepts *dCS*-encrypted DSD – this format is generated by a *Paganini Transport* v1.10 set to Vivaldi Mode or a *Scarlatti Transport* v1.11 set to Vivaldi Mode, or a *Vivaldi Transport*.

- The single AES and SPDIF inputs will accept DSD in DoP format.

Problems?

- If the display does not change for more than 5 minutes or there is a power failure, switch off the unit at the rear panel switch, wait 10 seconds, then switch on and start the update again.

- If the disc skips or you accidentally advance the transport, the unit will display **Skipped!** Switch off the unit at the rear panel switch, wait 10 seconds, then switch on and start the update again.

If the **Non Seq** message appears on the display, the most likely cause is that the Update disc is faulty. There is no cause to worry as the original software is backed up inside the unit.

- Check the disc for dirt or damage. If the disc appears to be dirty, wipe it gently from the centre outwards with a dry soft cloth. If it is damaged, contact your local *dCS* distributor or *dCS* for a replacement. If it appears to be OK, run the **CD Update** routine again to load the new software.

The software in *dCS* products is checked at power up and any software corruption is reported as a **Checksum Error**. If your *Paganini* unit starts up correctly but has a problem of some kind, do not repeatedly CD Update as this cannot solve the problem.

If You Need More Help

In the first instance please contact the *dCS* distributor for your country. Contact details may be found on the *dCS* web site - www.dcsltd.co.uk. Please provide the serial number of your unit, the software version currently installed and the version of software on the Update CD you are trying to install.

For more information about these updates, please download the latest version **User Manuals** from www.dcsltd.co.uk/page/support. Printed copies of the manuals may be purchased from *dCS*.