

# Nevo S70 Remote Control

for *dCS Scarlatti*

## User Manual

Software Release 2.2x

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## Introduction

The *dCS Scarlatti Transport* is supplied with a Nevo S70 remote control handset pre-programmed to control the *Scarlatti* system. Please consult the Nevo S70 User Guide supplied with the handset for instructions for charging and basic operation of the handset. This manual describes the software installed by *dCS*, which was designed for the *Scarlatti* system, but can also be used with *Paganini*, *Puccini* and *Debussy* as well as our older models. A basic one-page navigation guide for *Scarlatti* is enclosed in the package.

The Nevo S70 is a powerful and flexible programmable remote control that can perform a number of sophisticated control functions, as well as controlling other items of equipment.



**DISCLAIMER:** Data Conversion Systems Ltd. cannot accept responsibility for any problems that arise as a result of customisation of our standard configurations, and we cannot offer support for such customisation. Please consult a qualified Nevo installer if you need help

The *dCS* standard configuration file for the S70 and a list of IR codes is available for download from [www.dcsLtd.co.uk/page/support](http://www.dcsLtd.co.uk/page/support) .

## Limited Warranty



The Nevo S70 is covered by a Nevo 12-month parts & labour warranty, it is NOT covered by the 3-year warranty which protects the rest of your *dCS* system. The Nevo warranty does not cover damage caused by misuse or accident.

In the event that the Nevo S70 supplied with your *dCS* system develops a fault within 12 months of registering your purchase with *dCS*, (or within 12 months of the original date of shipping from *dCS*) please contact *dCS* for a returns number, stating the serial number of the unit with which it was shipped and then return it to us. We will arrange for it to be repaired by Nevo's UK agent. A service charge will be made for non-warranty repairs.

## Disposal at end-of-life



The symbol indicates that this product should not be treated as normal household waste. It should be recycled, so please take it to an approved collection facility.

## Getting Started

After unpacking, turn the Nevo over and open the battery cover by gently pressing the tab as shown below. Use the stylus (stored in the end of the Nevo) to move the slide switch to the **ON** position. Replace the battery cover. Wait for the unit to boot up, set the date/time with the stylus and press **OK**.



If necessary, fit an adapter that matches your power socket to the charger.

Connect the small connector attached to the charger into the back of the cradle and plug the charger into a nearby power socket.



Rest the Nevo on the top of the cradle and allow it to charge up before use. The blue indicator turns off when charging is complete. Return the Nevo to the cradle when it is not being used, so that the battery stays charged.



To wake the Nevo and light the screen, either press one of the buttons or touch the screen. The Nevo will power down about 30 seconds after the last button press.

Just touch the buttons that appear on the screen or the control panel to use the remote control.

The 4 buttons below the screen select a device to control.

The scroll wheel on the right-hand side of the Nevo selects the pages for each device, press it in to return to the first page for that device.



## Logo Page



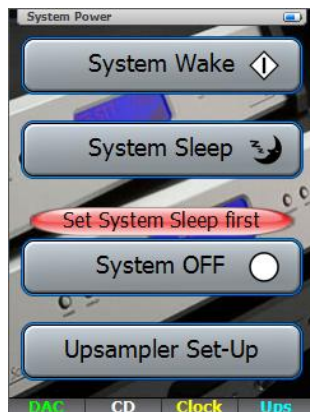
Once the Nevo has booted up, the logo page is displayed. This tells you the configuration issue that is loaded (v2.2 in this case).

- Touch the screen to go to the Home page.
- Alternatively, press one of the buttons below the **DAC**, **CD** (Transport), **Clock** or **Ups** (Upsampler) labels at the bottom of the screen to select page 1 for that device. The name of the device selected appears at the top of the screen.

## Home Page



Press the **Home** button on the Nevo to reach the System Power page.



- If your *dCS* system is in Sleep mode, press the **System Wake** button to return to normal operation.
- At the end of a listening session, press the **System Sleep** button to set the *dCS* system to sleep mode. In this mode, the system stays warm, ready for immediate use.
- If you prefer to switch off completely, set **System Sleep**, then press the **Power Down** button. Once powered down, the *dCS* units can only be switched on again by pressing the **Power** button on the front panel of each unit.
- If you have a system which includes a *dCS* Upsampler, DAC & Clock and it is awake, press the **Upsampler Set-Up** button to jump to the Upsampler Macros page.
- Press one of the buttons by the **DAC**, **CD**, **Clock** or **Ups** labels at the bottom of the screen to jump to page 1 for that device. The name of the device selected appears at the top of the screen.

The *Paganini* system responds similarly.

The *Puccini* Player and the *Debussy* DAC respond to the Wake, Sleep and OFF commands.



The 3 “System” buttons on this page send a series of commands at timed intervals to the whole system - this is called a macro. The commands will only be received properly if all the *dCS* units in the system can “see” the IR beam from the Nevo for perhaps 5 seconds after pressing the button. A red ripple pattern appears in the banner at the top of the screen while commands are being sent, and a “**Please wait**” page appears during a long code sequence.

## Controlling a dCS *Scarlatti* DAC

Press the button by the **DAC** label to jump to the DAC Inputs page.



### DAC Inputs Page

Press a button to select an input.

- **Input+** – Selects the next input in the sequence.
- **1394-0**, selects source 0 on the 1394 interface, **1394-1** selects source 1, **1394-2** selects source 2. If more sources are connected, use the **Input+** button to select them or see the next page.


In a typical 4-box system, **1394-0** is the Transport channel (e.g. STT) while **1394-1** is the Upsampler channel (e.g. SUP).

The *Paganini* and *Debussy* DACs respond similarly, but have fewer inputs.

The *Puccini* Player responds to the **Input+** button only.



### DAC Settings Page

- The 3 **Sync Source Setting** buttons (**WClk\***, **Audio** and **Master**) set the sync source for the current input. The DAC stores this setting separately for each input. Note that the Word Clock connections **must** be wired correctly for Master mode operation or to sync to Word Clock (see the DAC manual).
- The **Filter** button changes the DAC filter setting. See the DAC manual for information on filters.
- Press the  button to use the **Volume** control on the left side of the handset to adjust the **Balance**. Press again to change back.
- Press the **Phase** button to change the phase of all the DAC's analogue outputs. Press again to return to normal phase.
- **1394-3**, selects source 3 on the 1394 interface and **1394-4** selects source 4.

The *Paganini* DAC responds similarly.

The *Puccini* Player responds to the **Filter**, **Balance** and **Phase** buttons only.




The *Debussy* DAC responds to the **Filter** and **Phase** buttons only.



\* The remote command for setting the Sync Source to **WClk** was added in *Scarlatti DAC* (and *Paganini DAC*) software issue 1.10, this button will not function if earlier DAC software is loaded.



### DAC Power Page

- The **Display On/Off** button turns the main display on and off.
- Press the **Menu** button to open the menu and select settings.
- The ◀ and ▶ buttons step backwards and forwards through the menu.
- Press the **Wake** button  to return to normal operation if the unit is in Sleep mode.
- Press the **Sleep** button  at the end of a listening session to mute the DAC outputs and turn the display off.
- While the DAC is in Sleep mode, pressing the **OFF**  button powers the DAC down completely.

The *Paganini DAC* responds similarly.

The *Debussy DAC* responds to the **Wake**, **Sleep** and **OFF** buttons only.


## Controlling a dCS *Scarlatti* Transport

Press the button by the **CD** label to jump to the Transport Controls page.



### Transport Controls Page

From the top row, these are:

- **Previous track**, **Stop / Eject** disc, **Next track**.
- **Fast reverse**, **Play / Pause**, **Fast forward**. Press **Fast reverse** or **Fast forward** once for 2x speed, press again for 4x, press again for 8x, press again for play mode. While in **Fast reverse** or **Fast forward**, press **Play / Pause** to return to play mode.
- **Display Mode**  changes the time information displayed. You can choose **Track Elapsed** time, **Track Remaining** time, **Total Elapsed** time or **Total Remaining** time.
- **CD/SACD** changes layers when playing a hybrid disc.
- Press the **Repeat** button to repeat the current track (**Repeat TRK**), press again to repeat the whole disc (**Repeat DSC**), press again for normal operation (**Repeat Off**).
- Press **Program** once to set a track sequence (PGM Mode), the remote will change to the Keypad page. You can program track numbers 1 to 9 more quickly if you include the leading 0. Enter your track sequence (for example, 01 03 05 07) and press **Play** to listen to it. Press **Program** again to cancel the track sequence (**PGM Off**) and play the disc normally. While in **PGM** mode, press the **Clear** button to delete the last track number entered. Program mode is cancelled when the tray is opened.

The *Paganini* Transport and *Puccini* Player respond similarly.






### Transport Keypad Page

- Use the **0 - 9** buttons to select a track to play or program a sequence of tracks. For example, press **5** to go to track 5 or press **1** and then **2** to go to track 12.
- While in **PGM** mode, press the **Clear** button to delete the last track number entered.
- The **Play / Pause** button works in the usual way.

The *Paganini* Transport and *Puccini* Player respond similarly.



### Transport Power Page

- The **Display On/Off** button turns the main display on and off.
- Press the **Menu** button to open the menu and select settings.
- The ◀ and ▶ buttons step backwards and forwards through the menu.
- Press the **Wake** button  to return to normal operation if the unit is in Sleep mode.
- Press the **Sleep** button  at the end of a listening session to mute the Transport outputs, stop the disc and turn the display off.
- While the Transport is in Sleep mode, pressing the **OFF** button  powers the Transport down completely.




The *Paganini* Transport and *Puccini* Player respond similarly.

## Controlling a dCS *Scarlatti* Clock

Press the button by the **Clock** label to jump to the Clock page.



### Clock Page

- The **44kHz** button sets the clock frequency to **44.1kHz**.
- The **48kHz** button sets the clock frequency to **48kHz**.
- The **Dither** button turns the dither feature on and off.
- The **Display On/Off** button turns the main display on and off.
- Press the **Menu** button to open the menu and select settings.
- The ◀ and ▶ buttons step backwards and forwards through the menu.
- Press the **Wake** button  to return to normal operation if the unit is in Sleep mode.
- Press the **Sleep** button  at the end of a listening session to mute the Clock outputs and turn the display off.
- While the Clock is in Sleep mode, pressing the **OFF** button  powers the Clock down completely.

The *Paganini* Clock responds similarly.

The *Puccini* U-Clock does not feature infra-red remote control.

## Controlling the dCS *Scarlatti* Upsampler

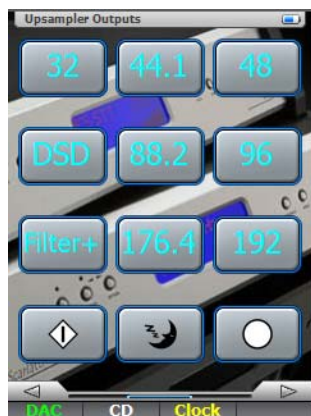
Press the button by the **UPS** label to jump to the Upsampler Inputs page.



### Upsampler Inputs Page

- Press one of the 6 buttons in the top group (**AES**, **RCA1**, **RCA2**, **BNC**, **TOS** or **USB**) to select the Upsampler's active input.
- The **Display On/Off** button turns the main display on and off.
- Press the **Menu** button to open the menu and select settings.
- The ◀ and ▶ buttons step backwards and forwards through the menu.

The *Paganini* Upsampler responds similarly, but it has fewer inputs.



### Upsampler Outputs Page

- Press one of the 8 buttons in the top group (**32**, **44.1**, **48**, **88.2**, **96**, **176.4**, **192** or **DSD**) to set the Upsampler's output mode or sample rate. For output rates of 88.2 and 96kS/s, make sure the **Single / Dual AES** menu page is set to mode you need. Note that the Upsampler's output sample rate cannot be less than the input sample rate.
- The **Filter+** button changes the Upsampler filter setting, if there are filter options for that input/output rate combination. See the Upsampler manual for information on filters.
- Press the **Wake** button ⓘ to return to normal operation if the unit is in Sleep mode.
- Press the **Sleep** button ☾ at the end of a listening session to mute the Upsampler outputs and turn the display off.
- While the Upsampler is in Sleep mode, pressing the **OFF** button ○ powers the Upsampler down completely.

The *Paganini* Upsampler responds similarly.

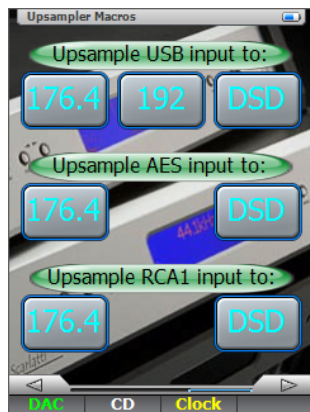
## Using Macros to change the system set-up



The 7 buttons on the 3rd page in the Upsampler section each send a series of commands at timed intervals (a macro) to the Upsampler, DAC and Clock. The commands will only be received properly if these 3 units can “see” the IR beam from the Nevo for about 5 seconds after pressing the button.

These particular macros were designed for systems in which a Scarlatti Upsampler, DAC and the source are locked to the Clock. (For example, the 4-box set-up shown in the Upsampler Manual.)

The **Upsampler Set-up** button on the **Home** page jumps directly to this page.



### Upsampler Macros page

- The top 3 buttons send a series of codes (a macro) to set up a 4-box system to upsample data from the Upsampler’s **USB** input to either **176.4kS/s** or **192kS/s** or **DSD**.
- The second row of 2 buttons sets the system to upsample data from the Upsampler’s **AES** input to either **176.4kS/s** or **DSD**.
- The third row of 2 buttons sets the system to upsample data from the Upsampler’s **RCA1** input to either **176.4kS/s** or **DSD**.

The *Paganini* Upsampler, DAC and Clock respond similarly.



While the Nevo is sending a long sequence of codes, a **Please wait** page will be displayed.

To avoid missing part of the sequence, keep the Nevo pointed at the system until this page clears.

## Customisation

If you wish, you can download the *dCS* Nevo S70 configuration file from [www.dcsLtd.co.uk](http://www.dcsLtd.co.uk) and edit it using the NevoStudio Pro program to change these macros or add your own macros to suit your system.



Please consult the help files in the NevoStudio Pro software for guidance on using the program.

**Sorry, *dCS* cannot offer support for customisation.**

Please consult an experienced Nevo-trained installer if you need help.