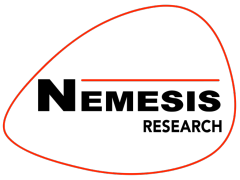


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PRODUCTION TOOLS • SHOW CONTROL • BACKUP SOLUTIONS

CCS-2 HDMI Upgrade Kit

Fitting Guide



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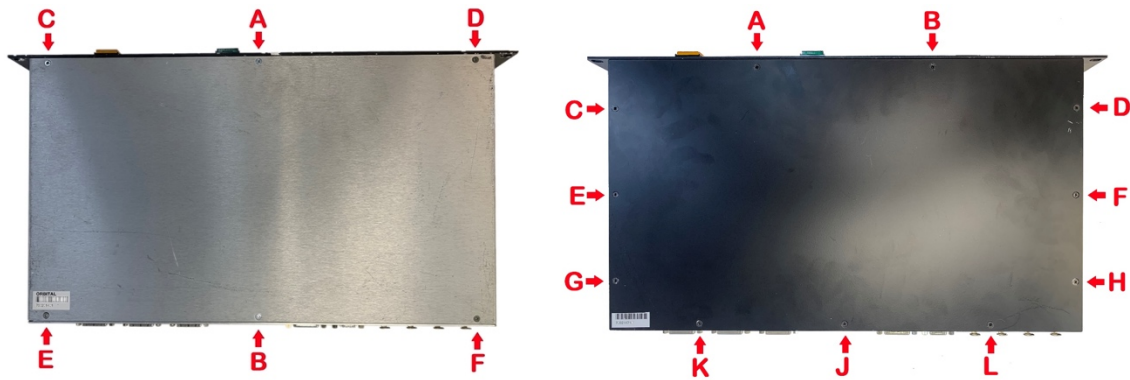
Tools Required

- 1x Pozidriv PZ1 Screwdriver.
- 1x 5mm Nut Driver/Socket/Open-ended Spanner.
- 1x DIP Switch Tool (or alternative)
- 1x ESD Anti-Static Band. (or suitable grounding)

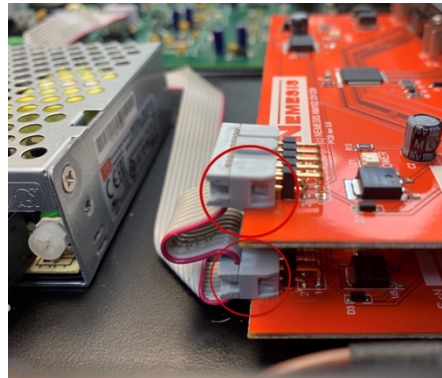
Ensure unit is unplugged from any power sources and ESD precautions are taken throughout. The following procedure should be done by a competent technical professional.

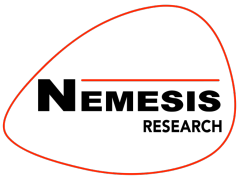
Disassembly

1. Remove 6x or 11x (Model dependant) M3 screws from the lid and remove the lid.



2. Remove 10pin IDC Ribbon cable by hand from upper & lower video switch board (NM102). – move to one side for later use.





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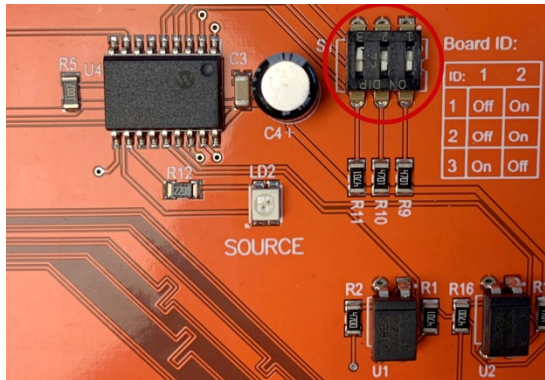
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3. Remove 6x 5mm screwlock from the top row of DVI sockets, leaving the outer pair until last. While holding the video switch board remove the last 2 screwlocks. Store the PCB & screwlocks for refitting at a later date if required.
4. Remove 6x 5mm screwlock from the bottom row of DVI sockets, leaving the outer pair until last. While holding the video switch board remove the last 2 screwlocks. Store the PCB & screwlocks for refitting at a later date if required.



Fitting

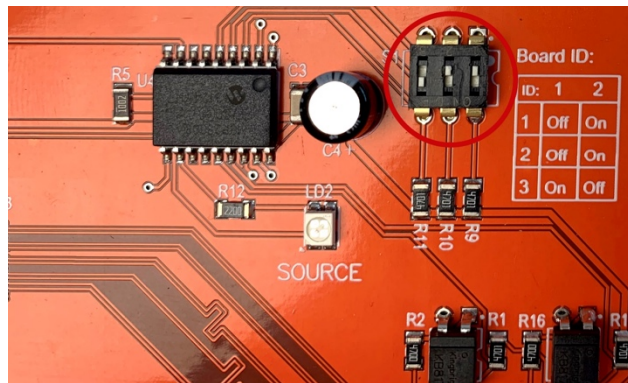
1. Remove one of the new HDMI Video switch boards from its packaging.
2. Using a DIP switch tool (or alternative), turn DIP switch 1 & 2 ON.



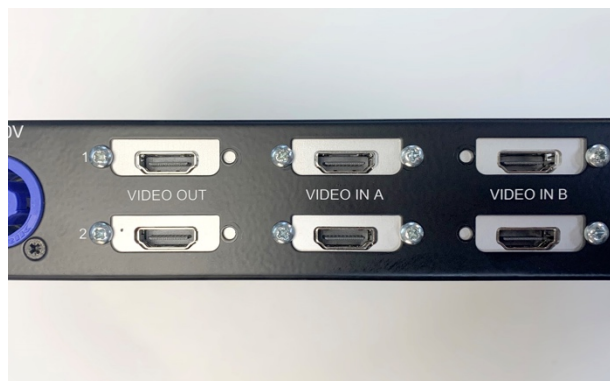
3. Place 1 of the supplied blanking plates over the HDMI sockets of this video switch board.
4. From the inside of the CCS-2 align the Video switch board and blanking plate to the bottom row of holes.
5. Using 2x M3x12mm Panhead PZ1 machine screws (supplied), loosely screw in the outer pair of screws.



6. Remove the second new HDMI Video switch board from it's packaging.
7. Using a DIP switch tool (or alternative), turn DIP switch 3 ON.



8. Place the remaining blanking plate over the HDMI sockets of this video switch board.
9. From the inside of the CCS-2 align the Video switch board and blanking plate to the top row of holes.
10. Using 2x M3x12mm Panhead PZ1 machine screws (supplied), loosely screw in the outer pair of screws.
11. Check the alignment of the new video switch boards by carefully inserting a HDMI cable into the bottom row of connectors then the top row of connectors. Adjust as necessary.
12. Fit the 4x remaining M3x12mm Panhead PZ1 machine screws (supplied) and fully tighten.



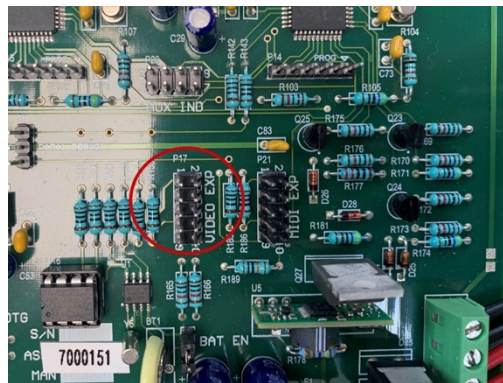
Reassembly

Replacing the 10pin IDC Ribbon cable

1. Refit the middle 10pin IDC Ribbon connector by hand to the lower video switch board. The Connector should have the lug uppermost and the red marked cable to the side of the pins marked '1' & '2'. Ensure that the connector is fitted to both rows of pins.
2. Refit the next nearest 10pin IDC Ribbon connector by hand to the upper video switch board in the same orientation as previous board.



3. If the ribbon cable has been removed from the main CCS2 board, Refit the end connector to the Main PCB (NM101) connector P17 VIDEO EXP.

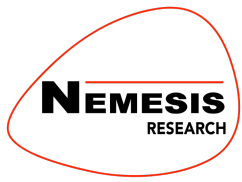


Replacing the lid

1. Place the lid on top of the unit.
2. Loosely fit the 6x or 11x M3 PZ1 screws in order A-F/ A-L. (See Fig. 10 or 11)
3. Ensure the lid is positioned behind the front panel (not resting on top).
4. Tighten the 6x or 11x M3 PZ1 screws in order A-F/ A-L.

Testing

1. Power on the unit
2. The LCD will light up and display the firmware version, all LEDs will blink during boot sequence. The CCS-2 will then load the initial macro 'Loading Preset (xx) ...'.



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3. Once booted the Preset Name & Preset description will be displayed.
4. Connect a HDMI monitor to VIDEO OUT 1. The LCD will display 'Monitor 1: Connected' for approximately 1 second.
5. Remove the cable from the CCS-2. The LCD will display 'Monitor 1: Disconnected', for approximately 1 second.
6. Connect the HDMI monitor to VIDEO OUT 2. The LCD will display 'Monitor 2: Connected' for approximately 1 second.
7. Remove the cable from the CCS-2. The LCD will display 'Monitor 2: Disconnected', for approximately 1 second.
8. The CCS-2 can now be connected to 2 computers.
9. Check that both computers connect and switch on both HDMI card as expected in your for your intended purpose.

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