



# TECHNICAL NOTE

Date 7<sup>th</sup> September 2023  
ref TN584 (rev 1, Sep 2023)  
Raised by: IR  
Distributed to: As required

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## SD7/Q7 MIXER

### Replacement of Local I/O Backplane Card

**Important Note:** These instructions are a guide to replacing the local I/O backplane card in a SD7/Q7 mixer. This note is for the use of factory approved technicians only.

Read the instructions carefully before starting and leave yourself plenty of time to perform the upgrade. If you are unsure about any part of the upgrade procedure, seek advice before proceeding.

#### **Tools required**

2mm hex (allen) key  
1 point pozidrive (PZ1) screwdriver  
Flat-headed screwdriver

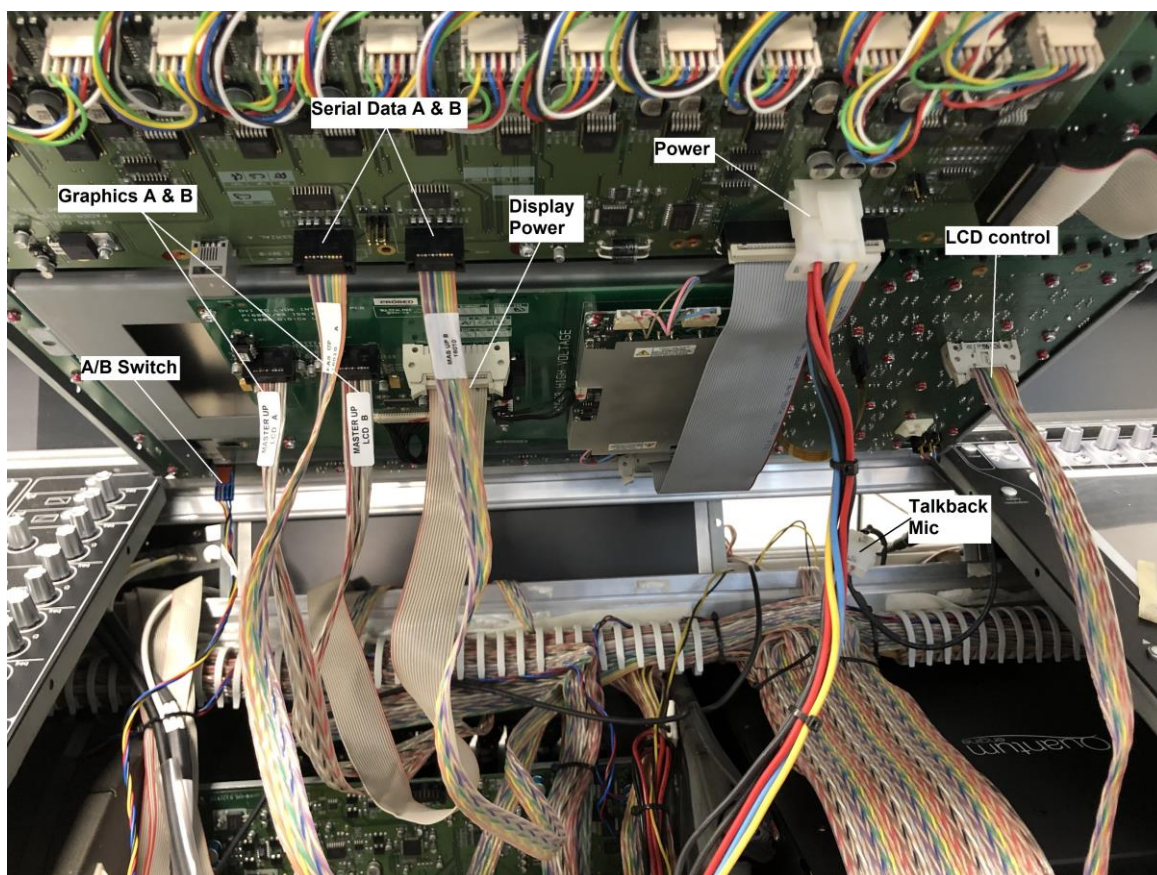
#### **Before Starting**

Shut the SD7/Q7 down, switch off, and remove power leads.

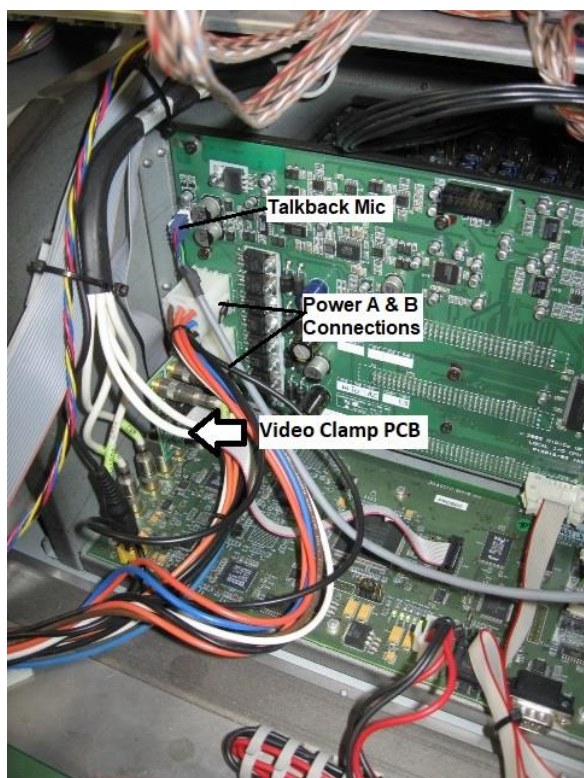
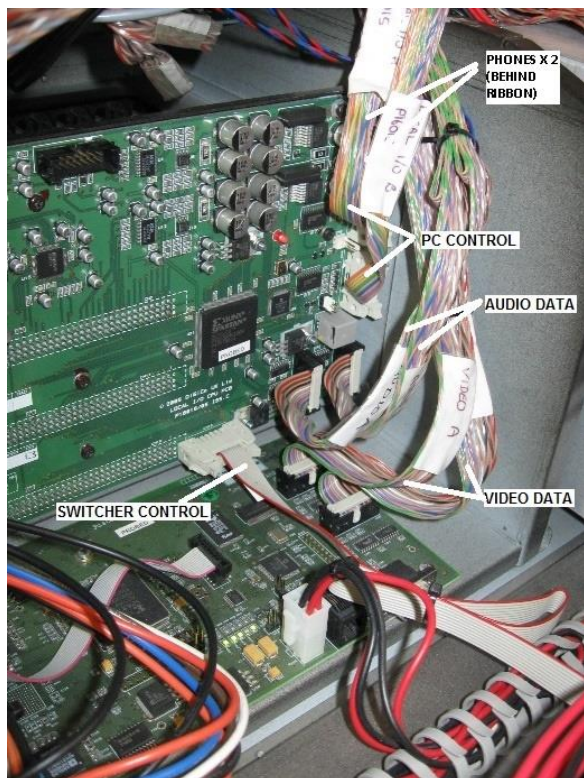
Release the thumb screws (Flat-headed screwdriver) on the 3 x local I/O modules on the rear of the console and remove the modules.



Remove 6 x 2mm kex stainless panel fixing screws from the master upper panel (Use the 2mm hex driver). Lift the upper surface from the bottom edge (nearest faders). Disconnect cable connections as shown below and remove the surface.



Locate the local I/O backplane board. Disconnect cable connections as shown below. Note that it is recommended to remove the video clamp PCB from the video switcher board to allow the PSU connectors on the local I/O backplane to be removed more easily.



Unscrew the local I/O backplane card from the chassis (9 x screws with Pozi screwdriver) and then replace the card. Refit all cable connections, the master upper surface and the local I/O modules.