TECHNICAL NOTE

DiGiCo SOUNDTRACS UK Ltd

SD7 MIXER

INTERNAL JUMPER SETTINGS & PROGRAMMING CODES

Internal PCBs are fitted with jumper links. All have a "programming" link to enable (and disable) use of the ICD series external PC programming system connected via RJ11 connector.

On the fader drive PCBs further links set the "function" of the PCB for master or input use (but not address / location).

Links and file names used for individual boards are as follows:

Switcher Board – Switch.hex
Large Board in Base of Console – is also the Power Distribution Board
Programming Link is LK1. As you look at board in console, approx 4"/10cm to right of RJ11 socket

Timecode Board – Timecode.hex
TC Board is at back, fitted to the rear panel of console, under / behind Upper Left Screen / worksurface.

Local IO – LocalIO.hex
Vertical Board that IO Cards plug into.
RJ11 is on right hand side of board (and is awkward to get to, so fit the RJ11 link cable before connecting the programmer).   Programming Links are just above RJ11
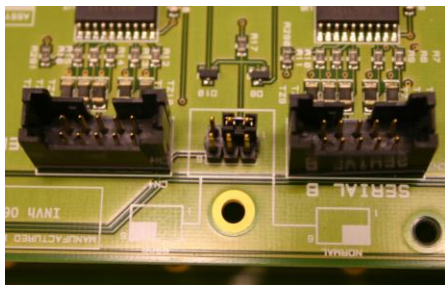
Fader Boards (Masters and Channels) - D6worksurface.hex
All Fader Boards use same hex file. Set Programming Mode with LK2 Jumper to right of RJ11
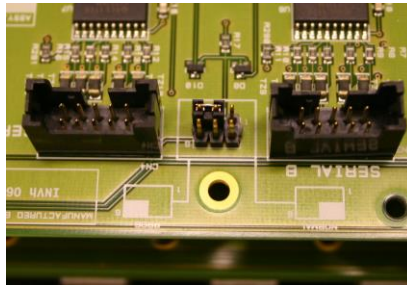
Programming Links
are all 6 pin groups
with 1 link used as follows:

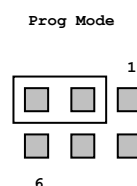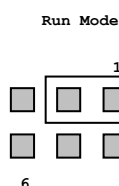Examples (from Lower Master Fader Board) Note the silk screen on the PCB is incorrect.
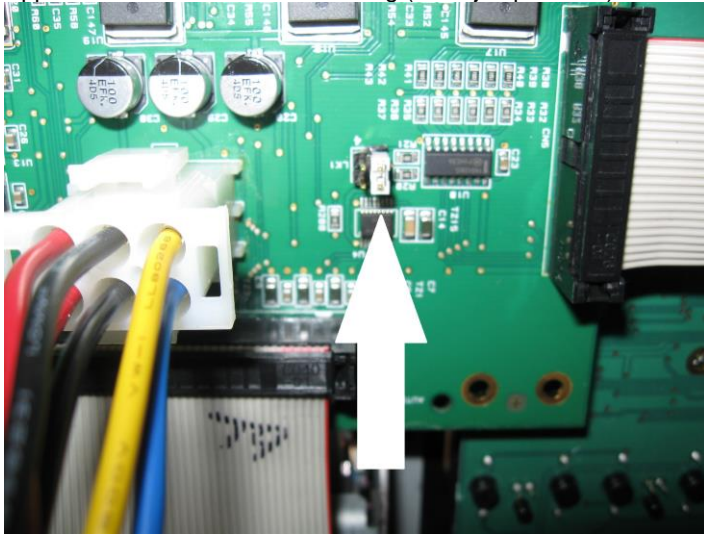

Run mode

Program mode

Run Mode   Prog Mode

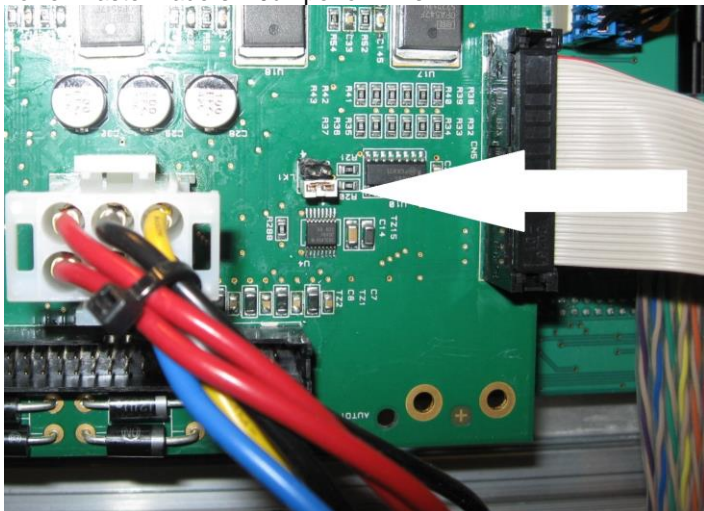**Function Links for fader drive** PCB's are as follows.
LK1 on Fader boards set function. The ID in the system is determined by the serial cable connection, i.e. which cable is connected to the particular section.
e.g. The lower master (ID4) can still be set incorrectly to be channel function.

Upper Master Faders = vertical fitting (or no jumper fitted)

Lower Master Faders = Jumper on Pins 1-2

Channel Faders = Jumper on Pins 3-4 (same for both input panels)