

HI LEVEL MULTITRACK OPTION

This console is factory preset for operation with standard low level (316mV, -10dBV) multitrack tape machines. It may be internally reconfigured for operation with high level (+4dBu) multitrack machines.

Two link changes are required on each of the I/O channel printed circuit assemblies which connect to your multitrack. This sets the console **GRP/DIR OUTPUT** and **MONITOR PFL (TAPE IN)** sensitivity for high level.

This option is shown in the console **BLOCK DIAGRAM D112** sheet 1, and I/O circuit diagram **D113** and component layout **FW030D**. The relevant parts of these are shown on the facing page.

NOTE: Access is required to the internal assemblies of the console. Circuit board links need to be cut or resoldered in alternative positions.

ONLY TECHNICALLY COMPETENT SERVICE PERSONNEL SHOULD CARRY OUT THIS WORK.

PROCEDURE:

1. Disconnect the power supply and all cables from the console.
2. Place the console upside down on a suitable flat surface.

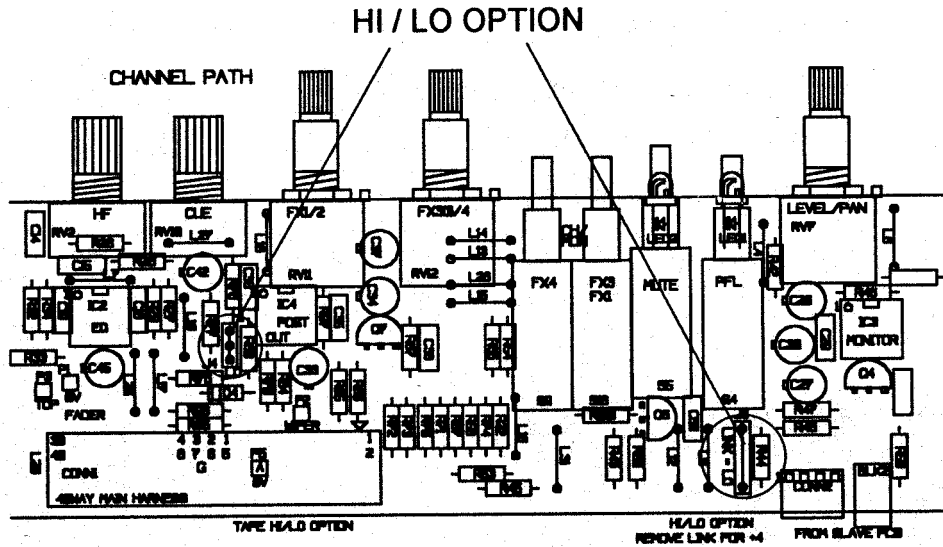
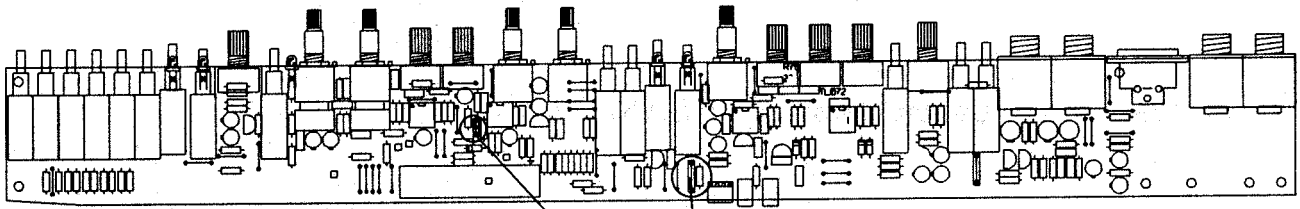
PRECAUTIONS: Make sure that your work surface is free of dirt and debris which may damage the control knob finish. Avoid balancing the console on one of its corners as this may damage the trim.

3. Remove the front, rear and side base screws using a 2-point pozi (crosshead) screwdriver. Lift off the base. It may be necessary to prize up the rear of the base using a small flat screwdriver.
4. Locate I/O channel option links J3 & J4 and cut/resolder these as required. Details are shown opposite. You may need to unplug the main 40 way IDC connector harness first.
5. Check the accuracy of your work and carefully align and replace the IDC connector harness. Remove all solder debris etc.
6. Refit the base. Note the correct orientation of the foam strips which should line up with the **SLAVE** assembly positions.
7. Reconnect the power and cables and test for correct operation.

OPERATIONAL MODE: The channel **GAIN** (when in **REV** mode), and monitor **LEVEL** (when in normal mode) control settings need to be readjusted to match the multitrack. Use **PFL** to optimise the gain matching.

LOCATING THE COMPONENTS

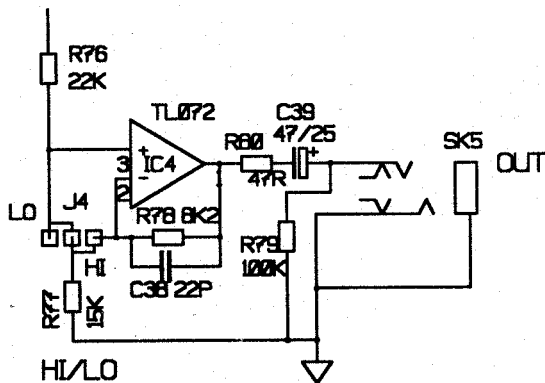
The GRP/DIR OUTPUT level option is positioned next to IC4 beneath the main console IDC connector harness. The TAPE IN level option link is positioned next to R44 near the SLAVE PCB 4 way connector.



GRP/DIR OUT LEVEL SETTING:

For HI LEVEL (+4dBu) resolder link J4 between the centre hole and the hole nearest the potentiometer edge.

For LO LEVEL (-10dBV) solder the link between the centre and connector edge holes.



TAPE IN LEVEL SETTING:

For HI LEVEL cut out link J3

For LO LEVEL fit link J3.

This link sets the PFL sensitivity from the MONITOR signal path input.

