

4040.x Option module installation instructions

These instructions are to enable the user to upgrade an existing E logic board so it can read any of: EBU, 1 kHz AM coded IRIG-B, RS232 serial ASCII, RS485 serial ASCII.

Please note that you will only be able to upgrade it if the clock is an E or NE model. It is not possible to fit more than one module to the driver.

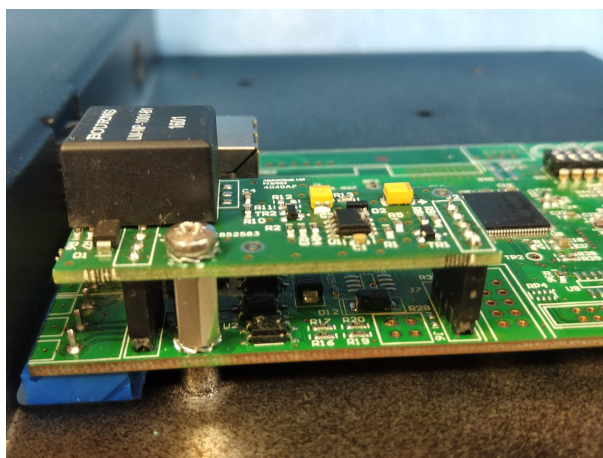
Procedure:

The following procedure should be performed in a suitably clean environment and appropriate anti static precautions should be adhered to.

- 1) Disconnect clock from mains power supply
- 2) Remove case screws from backplate to expose main logic board.

Important - Driver board is attached to display in front casework by a ribbon cable which must not be stressed.

- 3) Remove bottom left screw and washers used to secure driver board and retain.
- 4) Remove jumper on J5 pin connector.
- 5) Plug the 4040.x board to the logic PCB on the 2 5-pin connectors, J5 and J7. The board should be positioned so the writing is in the same direction as the main logic PCB. To secure one board to the other, use 1x washer and 1x M3 10mm M/F spacer - 6mm thread between the 4040.x board and the logic board, then use the screw and washer that were removed before on top of the 4040.x to secure it in place.



4040.E connected to the logic board.

- 6) Secure backplate with case screws.
- 7) Connect the clock back to mains.