
Technical Bulletin

Installing the LM1100 card in Metrodata DSU products.



TB No	TB 6	Installing the LM1100 card in Metrodata DSU products
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WARNING !

The product contains static sensitive devices. Installation should be carried out at a properly equipped anti-static station by personnel wearing anti-static straps.

OPENING THE SHELF UNIT

- 1) Remove the 4 x M3 countersunk screws which attach the front panel to the top cover. Remove the 3 x M3 countersunk screws which attach the rear panel to the top cover.
- 2) Remove the 3 x M3 countersunk screws on each side of the DSU which hold the top cover on and the rack mounting ears in place. The rack mounting ears will now be free of the unit top
- 3) Lift the cover off the shelf unit.

FITTING THE LM1100 CARD

- 4) Locate the S1 8-bit dip switch which is near the centre-front of the motherboard.

Set bit 6 to ON.

The LM1100 card will not be enabled unless this switch is **ON**

The DSU will not operate if the switch is set to the **ON** position but the card is absent.

- 5) The LM1100 card plugs into the base card via a connector located close to the memory devices near the front right hand corner of the motherboard. Remove and retain the two M3 pan-head fixing screws located close to the trimmer capacitor C49. Fit the 20 mm spacers provided with the card into the screw holes.
- 6) Use a spanner to remove the MAN. PORT dummy connector on the rear panel.
- 7) Hold the LM1100 card with the component side downwards and plug the multiway connector into the socket located on the right hand edge of the motherboard. Push it home, taking care not to bend the connector pins.
- 8) Use the M3 pan-head screw which you have retained to fix the LM1100 card to the 20mm pillar.

RE-ASSEMBLY

- 9) Re-assemble the shelf unit by following steps 1-3 in reverse order i.e. steps 3,2,1.