
Technical Bulletin

Metrodata DC2000 Loop - back Disable Modification.

TB No	TB 8	Metrodata DC2000 Loop-back Disable Modification
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USAGE!

This Bulletin is for the assistance of qualified Service Engineers, and the work described should not be attempted by End Users of the products.

WARNING !

The DC2000 product contains static sensitive devices. Installation should be carried out at a properly equipped anti-static station by personnel wearing anti-static straps.

INTRODUCTION

This Bulletin describes the procedure for removing the loop facility on the DC2000, i.e. to disable the 2 buttons on the front panel.

ITEMS REQUIRED

- 1 x Posi-drive No.1 screwdriver
- 1 x set of ICs (3 per unit)
- 1 x IC extractor (or small flat-blade screwdriver)
- 1 x IC former

OPENING THE SHELF UNIT

- 1) Remove the 2 x M3 countersunk screws which attach the front panel to the top cover. Remove the 2 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.

CHANGING THE PROMS

The PROMS are located at the front right of the motherboard as viewed from the front of the DSU. Note the chip orientation before removing the PROMS for reference when inserting the replacement PROMS. Remove the PROMS with an IC extractor tool or a small flat bladed screwdriver.

Each DC2000 contains a set of 10 ICs in sockets (20 pin DIL), labelled U2, U3, U4, U6, U8, U9, U10, U11, U12, U13. Locate and identify U4, U9 and U13.

Form the new ICs to ensure the legs are straight.



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Remove these 3 ICs and observing polarity, insert:

01-08-063A into the socket marked U13
01-08-064A into the socket marked U9
01-08-065A into the socket marked U4

RE-ASSEMBLY

9) Re-assemble the shelf unit by following steps 1-4 in reverse order i.e. carry out steps 4,3,2,1.as described above.

CONFIGURATION

The software will recognise the existence of a software upgrade automatically. The DSU Unit will COLD START, resetting to default values because some data may have changed owing to the upgrade process. The DSU may have to be reconfigured to operating requirements before it can be returned to service.