
Technical Bulletin

Metrodata DC3X00 PROM Change.

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

Please make sure that the unit is disconnected from any mains supply before opening the unit.

INTRODUCTION

This Bulletin describes the procedure for upgrading Metrodata DSU Firmware by changing PROMS. The PROMS contain executable software, MIB's and other tables and PGA contents loaded at Power-up time.

A PROM change can improve system performance by both hardware and software update. Note however, that some hardware is not contained in PGA and can therefore only be modified by returning the unit to the factory.

OPENING THE CASE

- 1) Remove the four M3 pozi screws located at each corner front and rear.
- 2) Lift the upper case cover directly up.

LOCATING AND INSTALLING THE PROM

- 3) Looking down on the PCB from the front of the unit you should see U5 in the front left corner.
- 4) Noting the orientation of the chip first (See diagram 1 below), do not go by the label, with a small flat blade screwdriver gently prise the PROM upwards until all legs are removed from the socket.
- 5) To install the PROM, ensure the chip is correctly orientated then gently insert, taking care not to bend any of the legs.



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RE-ASSEMBLY

- 6) Once you are happy that the PROM is seated correctly you can re-assemble the top cover by following steps 1-2 in reverse order i.e carry out steps 2,1 as described above.
- 7) Power-up and test the unit.

Diagram 1.

