Upgrading MIDI ROMs to version 3.14

(for use with Archimedes and R140 computers)

Introduction

These instructions cover the replacement of MIDI ROMs on MIDI expansion cards and on I/O expansion cards with the MIDI upgrade.

Packing list

You should have the following components in the ROM upgrade kit:
• MIDI version 3.14 Release Note
• MIDI User Guide, covering the new release of software
• This fitting slip

AND
• MIDI ROM, part number 0276,28I-02 (for MIDI expansion cards).

OR
• I/O MIDI ROM, part number 0276,211-02 (for I/O expansion card MIDI upgrades).

If you do not feel confident about carrying out the installation, take your computer to your supplier who will change the ROM for you. A charge may be levied by the supplier for installing them; such a charge shall be entirely at the discretion of the supplier concerned.

Disassembly

1   Switch off the computer at the rear and disconnect it from the mains supply by unplugging the power supply cable. Unplug any peripherals that are attached and remove them from the computer completely.

2   Remove the two screws securing the expansion card backplate, and withdraw the expansion card from the case.

Fitting the replacement ROMs

WARNING: Some components on expansion cards can be damaged by static electricity. Avoid touching chips on the card.

1   Locate IC2 (labelled 0276,28I-01 on MIDI expansion cards, and 0276,211-01 on MIDI upgraded I/O expansion cards), and note which way round the IC has been inserted.

2   Remove IC2.

3   Insert the ROM supplied, into the socket vacated by IC2, making sure you put it in

the same way round. The small notch at one end of the IC should be on the lefthand side as you face the outside of the expansion card back panel. Push the IC in firmly, making sure that all the legs engage smoothly.

Reassembly and testing

1 Refit the expansion card into the computer, and replace the two screws securing the backplate.

2 Power on the computer. Type:

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*podules
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If the ROM has been inserted correctly, the expansion card should show up on the list of those present. If it doesn't, remove the expansion card and check that you have inserted the new ROM correctly. Reassemble and check again. If the computer still doesn't acknowledge the presence of the expansion card, consult your supplier.