

## EMR PODULE INSTALLATION LEAFLET

To install a Podule in the Archimedes you will require an adapter or 'Backplane'. The Backplane is available separately and must be installed before you attempt to install the Podule. Full instructions for installing the Backplane are supplied with it.

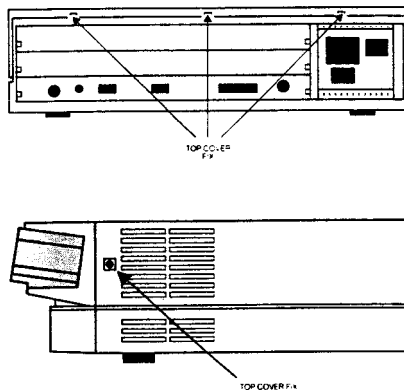
In order to fit the Podule you will have to remove the lid of the Archimedes unit and one of the blanking plates at the rear of the machine. The only tools you will require for this are a No. 1 and a No. 2 Posidrive (crosshead) screwdrivers. If you do not feel confident about performing this operation, you can take the computer and the Podule to your dealer.

### DISASSEMBLY

First, disconnect the Archimedes unit from the mains by unplugging the power supply cable. Then, remove any peripherals that are attached and clear the Archimedes unit completely, i.e. remove any monitor from the top of the Archimedes unit and any other loose items.

Locate the screws holding the top case in place (see diagram below). First, remove the three screws at the top rear of the unit. Then remove the single screw on each side of the unit.

The position of the screws holding the top case.



Once you have removed the three rear screws and the two side screws, slide the lid of the unit to the rear of the machine and then slide it off. You should remove the lid completely.

Check that the Backplane is fitted to the Archimedes. The Backplane consists of a small printed circuit board mounted vertically on the main PCB. If the Backplane is not fitted, then you will have to purchase one and install it, according to the instructions which are supplied with the Backplane, before you can continue with the installation of the Podule.

If the Backplane is fitted, but has two Podules already plugged into it, you will have to remove one of the Podules in order to install the new one.

The Backplane has an upper and lower Podule slot. These correspond to the two full-width blanking plates fitted to the unexpanded machine. Each blanking plate is held in place by screws, one at each end. Choose one of the Podule slots and remove the corresponding blanking plate by unscrewing the two screws holding the plate in position.

You can now fit the Podule.

## FITTING THE PODULE

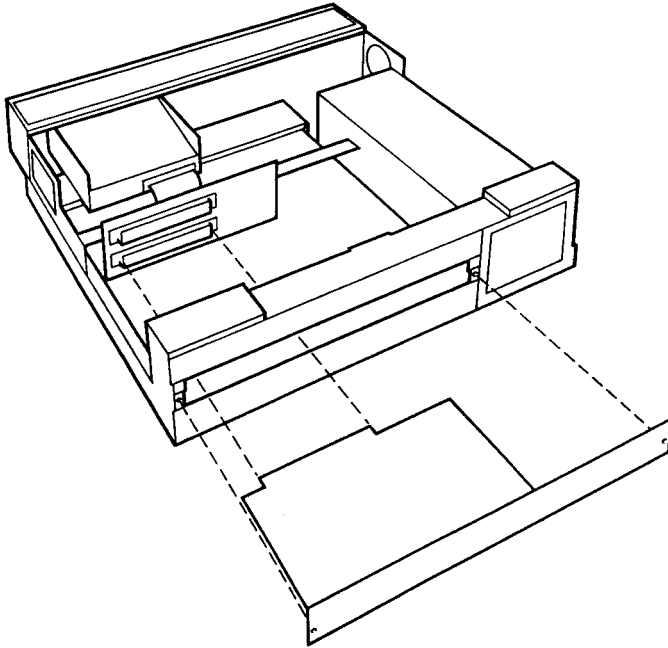
Before fitting the Podule, examine it to see whether it is a full-width or a half-width Podule.

A full-width Podule has a plate at the rear which extends the full width of the Archimedes machine. If the plate on the rear of your Podule does not extend the full width of the machine then you are supplied with a blanking plate along with a T-piece and two screws. Use these to make the Podule up to full width of the machine.

Once you have made the backplate of the Podule up to the correct width, you can install it in the Archimedes.

The diagram below shows where the Podule locates on the Archimedes unit.

## Locating points of the EMR MIDI 4 Podule on Archimedes



Support the Backplane firmly with one hand and push the connector on the Podule into one of the sockets on the Backplane. The connector should be securely seated, i.e. the rear plate of the Podule should be flush with the rear of the Archimedes case. It is important that you offer the Podule up to the Backplane at right-angles to it and that you align the connectors, otherwise, you may bend the pins or break or disconnect the Backplane itself. It does not require great force to install the Podule correctly. If the Podule will not seat easily, remove the Podule and start again.

When the Podule is positioned correctly, secure the Podule to the rear of the Archimedes case by inserting a screw at each end of the Podule backplate.

## REASSEMBLY

Once the Podule is correctly installed, slide the top case of the Archimedes unit on from the rear.

Replace the three screws at the rear of the unit and tighten them up. See the diagram on page 1.

Finally replace the two screws, one on each side of the case. See the diagram on page 1.

IMPORTANT NOTE: Correction to text

The blanking plate and T-joining piece are supplied as an optional kit (Ref: Blank Plate Kit) price £5.95 inc VAT.

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