



INSTALLATION GUIDE



THE HCCS HiVISION PODULE COMES IN THREE FORMS;

- a A3000 internal podule K9207
- b A3000 external podule K9208
- c Archimedes podule K9209

WARNING!

For interfaces fitting internally to the computer, opening of the case by unauthorised personnel could invalidate your warranty rights with Acorn. All of the above HCCS products are susceptible to damage due to static electricity. Before the product is removed from the conductive black plastic package in which they are shipped a couple of easy precautions can be taken to reduce the risk of damage by static electricity,

- Discharge yourself on an earthed piece of metal, eg a central heating or cold water pipe close at hand.
- Be in a position to fit the podule before removing it from the protective black packaging.

REMEMBER

In the general rush to see your computer working after the installation you may forget to fill in the Warranty Registration Form which entitles you to information relating to software updates and new products.

a A3000 VISION INTERNAL PODULE

INVENTORY

If any of the following are missing or damaged please notify your dealer immediately;

- 2 Screws
- Podule
- 2 Discs

DANGER!

REMOVE COMPUTER FROM MAINS SUPPLY

REMOVING LID

There are 5 plastic clips and 3 screws which secure the lid of the BBC A3000. Two of these clips are located on the rear face of the machine and are held in place by two screws which must be removed first. See figure 1.

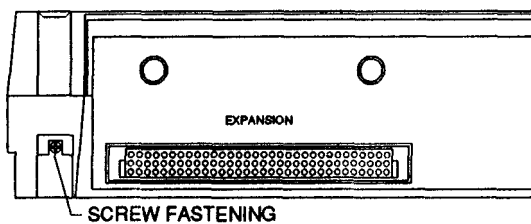


figure 1

The three remaining clips and one securing screw are all accessible from the bottom of the machine. Remove all signal cables from their sockets on the back of the machine and turn it over onto a soft surface. The clips are located just underneath the front lip of the keyboard. You will need a small flat head screw driver to release the clips and a small cross head or Philips screw driver to remove the central securing screw. See figure 2.

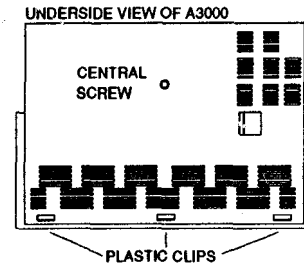


figure 2

Lift the lid clear of the machine and locate the three connectors SK3, SK9 and SK 11 on the main printed circuit board (PCB). See figure 3.

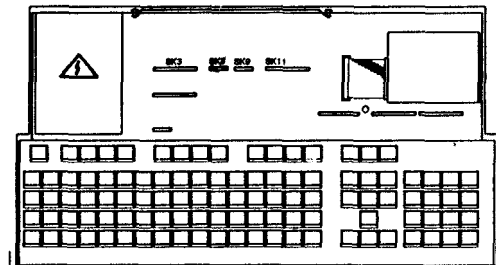


figure 3

REMOVING THE BLANKING PLATE

Mounted vertically on the edge of the podule there is a strip of metal which locates in the back of the machine. The A3000 is supplied with blanking plate already in place and this can be removed by undoing the 2 locating screws. Discard these screws. A half width blanking plate can be purchased from HCCS if required.

LOCATING THE PODULE

Orientate the Vision podule above the machine so that the metal plate is to the rear of the machine and the pins attached to the podule are facing down. See figure 4.

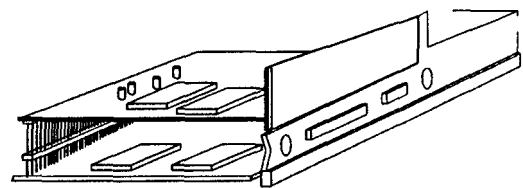


figure 4

WARRANTY REGISTRATION

This Warranty registration form allows us to put your name onto a database so that we can contact you with news of software and hardware updates. HCCS have a policy of not selling mailing lists to other companies.

NAME

ADDRESS



ARE YOU SATISFIED WITH THE PRODUCT NO YES

WE WOULD WELCOME ANY FURTHER COMMENTS CONCERNING THE VISION DIGITISER

INSERTING THE PODULE

The three rows of pins on the podule connect with three similar rows of female connectors with the ident markings on the computer PCB SK3, SK9 and SK11. Place the podule so the pins are resting on the tops of these connectors. Make sure the metal plate is inside the back panel of the machine. Push the podule down into the sockets making sum that all the pins are locating properly. If the podule becomes stuck before the pins are completely home the usual cause is that one of the power connectors, with heavy red and black wire protruding upwards, is caught under the inner edge of the podule board. Simply bend these out of the way if necessary. Using the 2 screws provided with the package secure the podule back panel and replace the lid by reversing the above relevant steps.

b A3000 VISION EXTERNAL PODULE

INVENTORY

If any of the following are missing or damaged please notify your dealer immediately;

- Podule in podule case
- 2 Discs

DANGER!

REMOVE COMPUTER FROM MAINS SUPPLY

FITTING THE PODULE

The A3000 external podule should be contained within a podule case, ready to be mounted onto the EXPANSION' connector on the hack of the A3000. See figure 5.

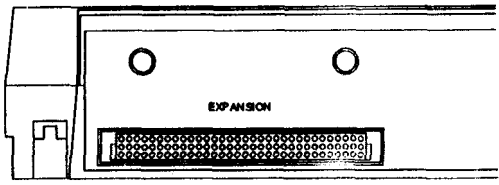


figure 5

The podule in the podule case must connect with the expansion connector found on the back of the A3000. The podule case will have a tongue which slides into groves on the underside of the machine. see figure 6.

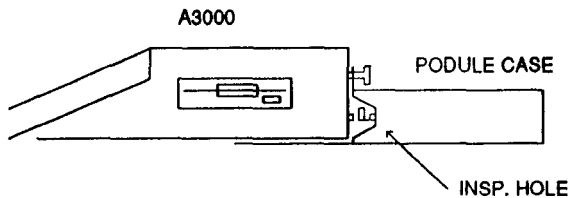


figure 6

The alignment of the podule with respect to the EXPANSION' connector can be checked and adjusted through the inspection hole.

Once the podule is aligned push it home; there should be no gap between the podule case and the A3000 when fitted correctly. The two securing bolts can now be inserted and tightened with the allen key supplied with the bolts.

C ARCHIMEDES VISION PODULE

INVENTORY

If any of the following are missing or damaged please notify your dealer immediately;

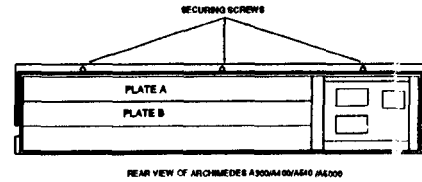
- Podule
- Disc

DANGER!

REMOVE COMPUTER FROM MAINS SUPPLY

REMOVING THE LID

To remove the lid of the A400, A300, A540 and A5000 you must remove five fixing screws, two of which are located on the sides of the computer, near the front. Using a small cross head or Philips screw driver undo the screws and retain them. Now you must locate the three screws on the rear of the machine.



See figure 7.

figure 7

With all five screws removed the lid of the computer can slide off the base unit. If you were looking at the view in figure 7 the lid would slide towards you. With the internals of the Archimedes exposed look at figure 8 and try to identify the prominent features, such as power supply, the backplane etc. and also orientate the machine so that it is the same as the view in figure 8.

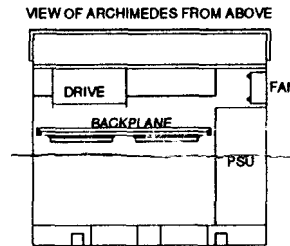


figure 8

FITTING THE PODULE

The A400 podule fits horizontally between the backplane and the machine. In order to insert the podule you must first remove either of the panels marked A and B in figure 7.

Select an empty slot; either panel will reveal two slots for half width podules. The HCCS Vision card is a half width podule and therefore can be fitted alongside other podules.

The podule can now be slid into place. There are no runners or guides to help you do this so you will have to support the podule as you slide it into the machine from the back making sure you locate the connecto's on the backplane and the podule properly and once it is firmly in place, secure with the screws which were removed from the blanking plate. Replace the lid of the Archimedes by reversing the above relevant steps.



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