

2½" IDE Disc Drive Podule Mounting Instructions

CAUTION!



OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.

Your computer and upgrade can be damaged by careless static discharge. Earth yourself and try to avoid touching any of the electronic

NOTE: The expansion card and disc drive are static sensitive and excessive handling can damage them. It is recommended that the upgrade and drive are stored in their protective packaging and only removed immediately prior to installing them. Precautions should be taken to reduce static by wearing an earthed anti-static strap or by occasionally touching an earthed surface. As the chosen method of fitting this upgrade is outside our control, no responsibility can be accepted for any consequential loss or damage caused by its incorrect installation. If you are unsure about fitting this upgrade yourself then ask your local Acorn dealer to fit it for you.

IMPORTANT: The Hard disc drive is a precision mechanical device. Care should be taken not to drop, jar or bump the drive especially when in use. Do not rest the drive on a hard surface, always place the drive on a cushioned surface such as a mouse mat or magazine.

Tools Required

A small cross-head screwdriver for securing the drive to the expansion card.

Fitting

Depending on what model of computer and the thickness of your IDE disc drive, there are two recommended positions for mounting the drive to the interface card.

Mount the drive in the STANDARD position unless you have an A3000 computer and wish to fit an IDE drive whose thickness is greater than 12mm. If you fall into this special category then you must fit the drive in the ALTERNATIVE position due to the restricted height within the A3000 case.

Standard Position

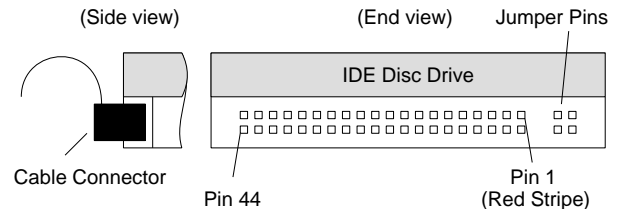
Parts required:

4x16mm long screws, 4x10mm spacers, 1x 44 way cable.

1) Take the interface from its packaging and place upside-down on top of its protective bag. Thread the four screws through the appropriate holes. Now carefully thread a spacer onto each screw, trying not to let the screws fall out at the same time! The spacers should be loose enough so that the screw can still be turned.

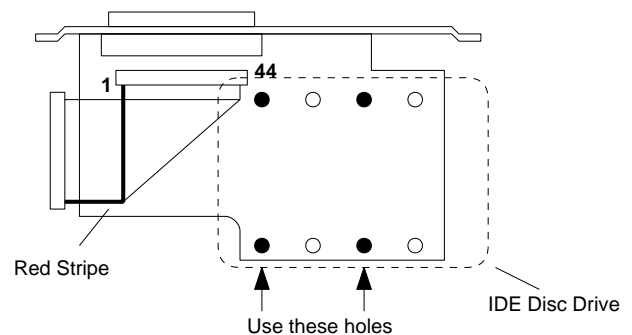
2) Take the ribbon cable and plug one end of the cable onto the 44pin connector on the interface card. The plug should be orientated so the red stripe on the cable is adjacent to the pin 1 marking on the card.

3) Fold a 45° crease in the cable as shown in the diagram and plug the free end on the cable onto the drives connector. If your drive appears to have two distinct groups of pins, 44 pins and 4 pins separated by a gap, only plug the cable onto the group of 44 pins. The group of 4 pins are used for drive jumper settings. If there is a link cap fitted to any of these pins, make sure it is in the 'Master' position. (Consult the manufacturers documentation supplied with the drive).



4) Hold the disc drive over the four screws and tighten each screw a few turns in sequence until all screws are tight. This will prevent the drive chassis from twisting.

5) Your interface is now ready to be fitted by following the 'Mini-Podule' expansion card instructions.



Alternative Position

Parts required:

2x10mm long screws, 2x6mm spacers, 1x 44 way cable.

1) Because the collars are not threaded, take the interface from its packaging and place it on top of its protective bag. Fit the cable to your interface and drive as described in steps 2 and 3 above.

2) Turning the card over, thread the two screws through the holes highlighted below and fit a collar over the thread of each screw. Right the card and tighten each screw to secure the disc drive in place.

