Power Computing Ltd

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Installation Manual
Expand the Chip memory of your Amiga 500/2000 to 2MB

Installation
Read carefully these instructions before attempting the installation. If you are in doubt while installing the card in your computer, call us at the 01234 851 500, from 10am to 4pm, Monday to Friday only, Email support@powerc.demon.co.uk, Web www.powerc.com and fax: 044 (0)1234 855400

Please read the following carefully:
The following installation sequences should be performed by an authorised Amiga Technologies service centre, or by your Amiga Technologies dealer i.e., Power Computing. Neither Amiga Technologies nor Power Computing will be responsible or liable for any damage caused by incorrect installation of the product.

Please take full static precautions when installing the product, as they are sensitive to static electricity. To help reduce static levels touch a nearby-grounded metal surface before touching the product. For example a radiator, but not a painted metal surface

Prior to installing any expansion device, you must disconnect the Amiga from the power supply and ensure that all cables for external peripherals are also unplugged from the Amiga.

Before starting check that you have enough space around you. It is very important to avoid static electricity, you should always use the appropriate tools/precautions.
Open your Amiga and look for the Agnus chip. In your computer can be either the version 8371 or 8372. Please take note of the chip position, the Mini Mega Chip has to be inserted in exactly the same position. To extract the chip, use the right tool (available from any electronic store).
Insert the Mini Mega Chip in the empty socket. You can see the right direction in the pictures below. Now you need to extract the chip 5719 (also called Gary). Then insert the Gary Adapter in the empty socket. Check that the reference mark on the chip is aligned with the one on the socket.
Insert the Gary chip in the socket on the Adapter. Again check the right positioning using the marks on the chip and on the socket. The installation of your Mini Mega Chip is completed.

If you have an Amiga 500, the resulting amount of Chip memory is 1.5MB. If you want to reach 2MB of Chip Ram, you must install a 512KB card in the trap door of your computer. Not all cards are compatible, you can use only those cards which allow to move the address of the memory from Slow to Chip (if you are in doubt, check with your dealer), or that can be enabled/disabled (the memory has to be disabled in order to be added as Chip memory).

If you own an Amiga 2000 with the original Agnus chip (8371), you must change the position of three jumpers. The first jumper is J101. This jumper is usually set on the two rightmost pins. Move it to the left, towards the power wires. Then find the jumper. It looks like two square pads joined together. Break the connection between them with a cutter, then repeat the same operation on jumper 102. Your computer can finally access the 2MB of Chip memory. Should you experience any problems, please phone us.