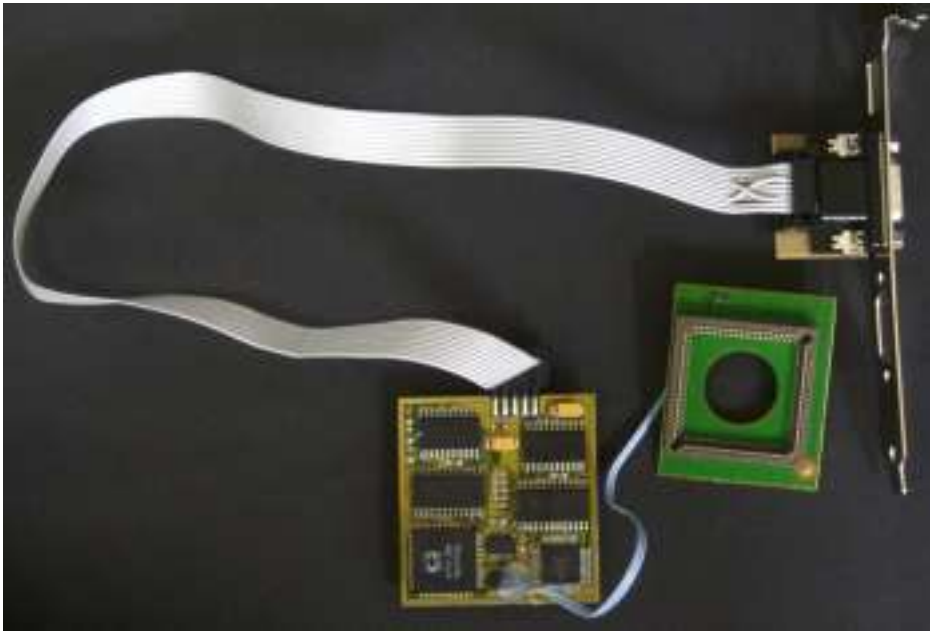


Flickerfixer & Scandoubler

DCE: Flicker Magic

Connection: Other



Flickerfixer & Scandoubler

ScanMagic / FlickerMagic



Installation Guide for Amiga® 1200 and Amiga® 4000

Before installing the ScanMagic/FlickerMagic, please read this guide carefully. To avoid damages by static discharge, touch a grounded object (e.g. radiator). Switch off your computer and any devices attached to it.

Disassembly of the Amiga® 1200:

- Lay the computer with the keyboard facing downwards onto a soft surface. Remove the 8 screws that fix the case and the disk drive.
- Turn the computer around and lift the top lid. You can put the lid and the keyboard aside, but please make sure you don't damage the keyboard cable.
- Disconnect the cables of the disk drive and the LED plug. The disk drive is secured with another screw, please remove it and put the drive away. If you have an internal hard drive, please also disconnect and remove it.
- The next step is the removal of the shielding. It is secured by the last remaining screw and nine latches, which you can easily bend open with a screwdriver.

Disassembly of the Amiga® 4000:

Please refer to your user's manual for a detailed description on how to disassemble your computer.

Now pick up the ScanMagic and install the part with the IC's on the chip labeled 'Lisa' (CBM 391227). In the Amiga® 1200, this chip is marked as U4 and is located 3 cm to the right of the IDE controller and 4 cm below the RGB port. In the Amiga® 4000, Lisa is marked as U450, located about 1 cm to the left of the daughterboard connector. Put the ScanMagic on U4/U450 with the ribbon cable facing towards the RGB port. According to your version of ScanMagic/FlickerMagic there are different ways to proceed:

ScanMagic / FlickerMagic Standard with RGB adapter (for Amiga® 1200 only)

This version features an RGB adapter which is connected to the ScanMagic/FlickerMagic by a ribbon cable with 10 wires. Plug the adapter into your computer's RGB port and connect your monitor to the adapter's VGA connector.

ScanMagic / FlickerMagic T with Alice adapter (for Amiga® 1200 Towers or Amiga® 4000)

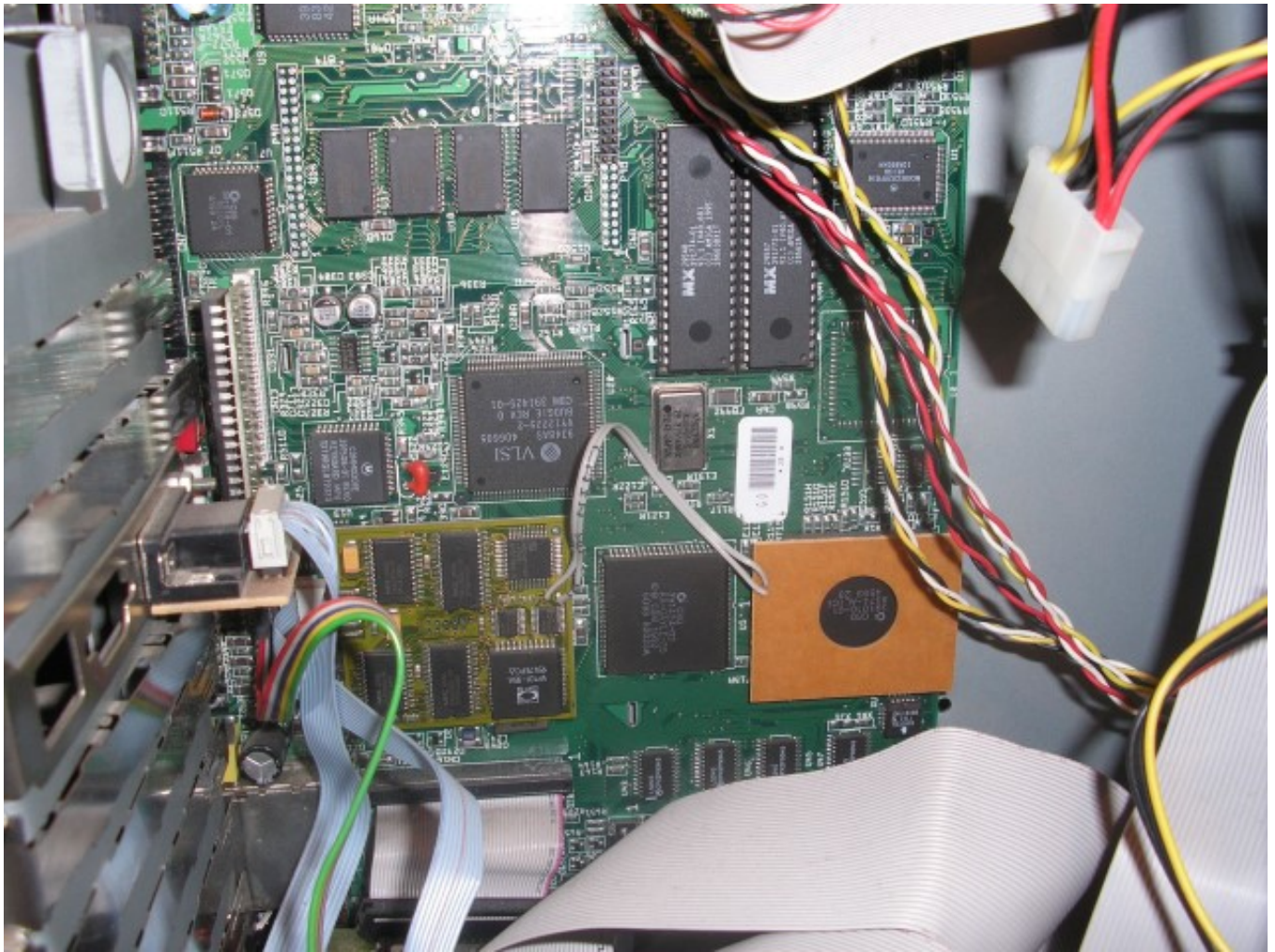
This version comes with an adapter for the Alice chip, which is connected to the ScanMagic/FlickerMagic by a 2-wired cable. Put the adapter on the chip labeled U2 in the Amiga® 1200 / U211 in the Amiga® 4000 ("Alice", 8374, CBM 391010). When installed in the Amiga® 1200, the wires must be facing towards the ScanMagic/FlickerMagic, in the Amiga® 4000 the wires face towards the computer's front side. Then mount the VGA outlet (connected to the ScanMagic/FlickerMagic by a ribbon cable with 10 wires) at an appropriate spot anywhere inside the case.

Re-assemble your computer and connect the monitor to the ScanMagic/FlickerMagic's VGA connector.

ScanMagic/FlickerMagic doubles the line frequency of the following screenmodes: NTSC, PAL and Euro36. FlickerMagic also de-interlaces said interlaced modes, so you always get a non-interlaced display. Any other screenmode is by-passed without modification or loss of quality.

Please note that the screenmodes Multiscan Productivity, Euro72 and DbIPAL might need the VGAonly driver installed in DEVS:Monitors to be displayed on standard VGA monitors.

Flickerfixer & Scandoubler



[Hi Res Version of Image 1](#) - 107K

[Hi Res Version of Image 2](#) - ~1MB

The Flicker Magic is a flicker fixer and scandoubler which is designed to be installed in an A1200 or A4000. There are two versions of this device, both have a main board which clips onto the LISA chip and one version has a second board which clips onto the Alice Chip and the other version externally connects to the 23-pin VIDEO port. The Flicker Magic is very similar to the Scan Magic, except the Scan Magic does not perform flicker fixing.

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Flickerfixer & Scandoubler

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