

# PAL TV adaptor

Thank you for purchasing an Acorn PAL TV adaptor, for use with the BBC A3000 or any of the Acorn Archimedes range of microcomputers.

Important Note: This adaptor is only to be used with the above-named microcomputers.

## Parts list

Your PAL TV adaptor kit contains the following items:

- a PAL TV adaptor
- a mains adaptor
- a TV lead (phono plug to aerial plug)
- this note.

## Fitting instructions

To connect a colour TV using the PAL adaptor, proceed as follows:

- 1 Plug the end of the cable that is permanently attached to the PAL TV adaptor into the socket marked ANALOGUE RGB on the rear of the computer. Do up the screws (using a small flat-bladed screwdriver if necessary).
- 2 Plug the end of the separate cable with the longer connector into the socket marked UHF OUT on the PAL TV adaptor.
- 3 Plug the other end of the separate cable into the aerial socket on your TV
- 4 Connect the mains adaptor into the PAL TV adaptor.
- 5 Plug the mains adaptor into the mains outlet on the wall.
- 6 Turn on your TV and tune it to channel 36.
- 7 Switch on the power to the mains adaptor (you may now need to fine-tune your TV to match the adaptor exactly).

Note: Make sure that you switch on the power supply to the adaptor LAST.

## Guarantee

The items supplied in this kit are covered by a guarantee that is identical to that on your BBC A3000 or Acorn Archimedes microcomputer, with the following exceptions:

- The guarantee period starts from the date of purchase of the adaptor.
- The guarantee covers the items supplied in this kit only.
- The adaptor must be used in accordance with the instructions above.

Please complete the details in the box below, so that we can help you in the event of any problems.

Supplier name and address:

Adaptor serial number:

Date of purchase:

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## Additional Tuning Information

It is possible that with some TV/Computer/PAL TV Adaptor combinations you may see some "fringing". This consists of diagonal bars of colour which appear to move across the screen, and is particularly noticeable on black-on-white or white-on-black text.

If you believe that the fringing on your system needs adjustment, follow the instructions below. Read the instructions carefully before starting.

You will need a small, fiat-bladed plastic-handled screwdriver (the plastic handle is important, because touching the metal blade will affect the adjustment). Don't be worried about getting a shock - the voltages within the PAL TV Adaptor are less than 10VA- but avoid touching parts of the Adaptor other than the screw mentioned below with the screwdriver, as this might damage it.

- 1 Connect your PAL TV Adaptor, turn on and tune the TV as detailed in the fitting instructions.
- 2 Load a !Edit file so that it appears on the screen (the ReadMe file on RISC OS Applications Disc 1 is a good example). This is to show how much fringing (if any) you have on your system.
- 3 Turn the Mains Adaptor OFF (at the mains) so that no power is going to the PAL TV Adaptor.
- 4 Turn the PAL TV Adaptor over and you will see a small hole in the base of the unit. Through this hole you will see a small brass screw (the top of an adjustable capacitor).

Note: This hole is not present on some early models. If you have one of these, remove the baseplate of the PAL TV Adaptor by undoing the four screws and carefully lifting the baseplate upwards. The adjustable capacitor is the round, yellow-bodied item located roughly in the middle of the printed circuit board.

- 5 Insert the blade of the screwdriver through the hole in the baseplate and onto the screw head.
- 6 Being careful not to dislodge the screwdriver, turn the Mains Adaptor ON.
- 7 Rotate the screwdriver until the fringing is at a minimum. Only very small adjustments are required to make quite noticeable changes to the TV picture.
- 8 Carefully remove the screwdriver and your system is ready for use. (Don't forget to refit the baseplate if you had to remove it).