

RETRO COMPUTER SHACK

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ATARI ST RGB SCART LEAD DIODE/CAPACITOR MOD

ONLY FOR MY RETRO COMPUTER SHACK SCART LEAD

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The Atari ST is the most difficult of all the retro Micro Computers to get working with an LCD TV, as the video signals aren't strictly compliant with the Scart RGB signal specifications, as they were designed only for use with the Atari range of display monitors.

Some makes and models of LCD TV work fine, others display a clear Colour picture, but flickers on and off. Using an old CRT Type TV usually works fine.

This modification (for my Scart leads only) and may resolve the problem. I don't fit this as standard to my Scart Lead, as my current design seems more compatible, with a wider range of TV's.

INSTRUCTIONS

1. De-solder the Orange wire from pin 16 of the Scart plug.
2. Fit an electrolytic capacitor between pins 16 & 18 of the Scart plug. 22uF to 100uF 6.3v or higher. Make sure you get the polarity correct. Negative leg to pin 18 (ground).
3. Fit a 1N4148 Diode to pin 16, (Cathode, Black band to pin 16, then solder the Orange wire to the other leg of the Diode (Anode). make sure nothing touches any other metal parts, use a bit of heat shrink tubing if necessary.

