Chroma 100 Series
PAL CODERS

Record computer output to video:

♦ Make videos of computer-animated sequences

♦ Include computer screens in teaching videos, documentaries and promotional video

Multiple display facilities

♦ Easy viewing of a computer's display by large numbers of people - ideal for teaching or presentations.
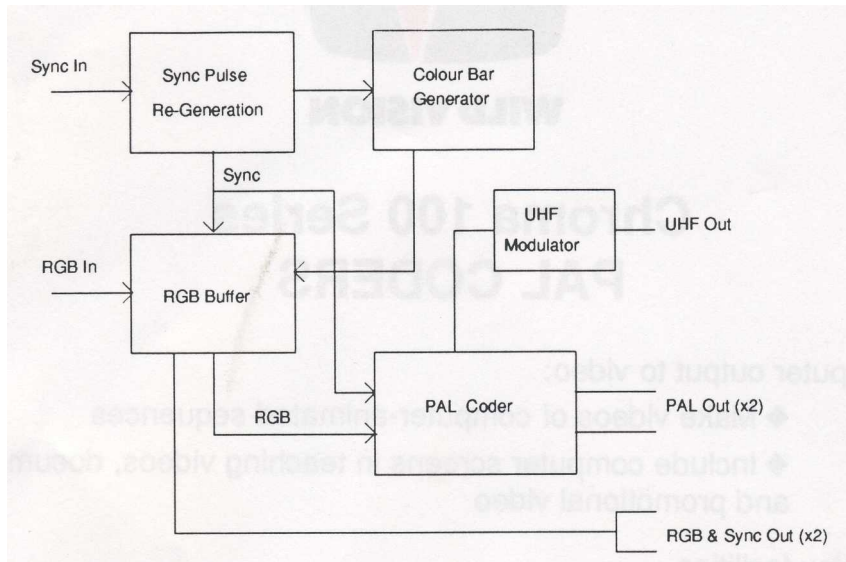

The Wild Vision PAL Coders are units that convert the RGB output of computers (or any other RGB source) to high quality PAL coded composite video. PAL is the standard composite video signal for the UK. The prime purpose of the unit is to allow the output from a computer to be displayed on a standard composite monitor or to be recorded on a video recorder. However the units have extra outputs for PAL composite, RGB and for UHF. This enables several monitors to be connected to the same computer. The built-in UHF modulator allows the computer output to be displayed on a standard television set.

There are two versions of the PAL Coder: the Chroma 135 has one PAL composite output and one UHF output. The Chroma 150 has two PAL composite outputs, two buffered RGB outputs and one UHF output. The Chroma 150 also has a switch for generating a colour bar test pattern which can be used for checking your monitors' performance, e.g. when setting up. A second switch allows interlace to be set to on or off depending on whether the RGB source is 625 line 50 hz interlaced or 624 line non-interlaced.

The diagram below shows how the Chroma 150 operates

Specification

Chroma 150

Input   RGB and Sync RGB signals 0.7V pp, Sync minimum of 0.3V pp
                       Inputs are 75 Ohms
                       (N.B. Composite video is acceptable as a Sync signal)
                       Input must be 625 lines 50 Hz interlaced or 624 line non-interlaced
                       D-type connector

Outputs   2 x I Volt pp 75 Ohm PAL Composite video with CCIR standard Sync.
                       2 x 0.7 Volt pp 75 Ohm RGB video with CCIR standard Sync
                       1 x UHF output tuned to channel 36
                       PAL and UHF through BNC connectors
                       RGB through D-type connectors
                       Colour Bar test output (switch operated)

External switch for control of interlace status

Power supply 12 Volts DC at 400mA

Size   Free standing unit 185 x 145 x 70mm

Chroma 135

Specification for Chroma 135 as above except this model only has 1 x PAL out and 1 x UHF out.
No RGB output or colour bar test facility. The unit will only work with 625 line interlaced video.

The Chroma range

In order to overlay computer graphics onto video, a genlock and overlay card is required. The Wild
Vision Chroma Series is a complete range of genlock cards for Acorn computers. Full details
available upon request.