7.3 VIDEO SIGNALS, ON KAYPRO MAINBOARD

Below is a list of the video signals on connector J1 of the mainboard and the voltages on the video board. Repeated removal and installation of the video board connector will loosen the connection and produce poor contact. Malfunctions due to a loose connector can be very difficult to trace.

Video comes from the main board as separate signals, not as a composite like a TV signal.

A simple check for 12V on the video board is to turn the BRIGHTNESS pot up, then turn the rear panel brightness control down. If 12V is present on the board, you should be able to see the raster lines on the screen.

Video signals on main board at J1

Pin 1 - Horizontal Sync.
Pin 2 - Key
Pin 3 - Video
Pin 4 - Vertical Sync.

Voltages on Video Board

Pin 1 --> Øv
Pin 6 --> Øv
Pin 7 --> 12v
Pin 8 --> Øv
Pin 9 --> 4v approx. (this voltage controls brightness)
Pin 1Ø --> Øv