

Plasma Display Terminal

Written by Hans Summers

Saturday, 01 January 2011 16:35 - Last Updated Sunday, 02 January 2011 17:41

Alpha Graphic Display Terminal PD3000 by Interstate Electronics Corporation

Dismantled at unknown date. Click for larger images!

{gallery}plasma/1{/gallery}

Left: Complete unit

Centre: Rear panel

Right: First glimpse inside: after removing the ventilation grill in the base of the unit

{gallery}plasma/2{/gallery}

Left: Next I removed a back panel holding the fan...

Centre: A small number of minor injuries were now sustained...

Right: More blood, if you like

{gallery}plasma/3{/gallery}

Left: Some time later I finally managed to remove the cabinet

Centre: Here it is from the rear. Notice the large springs, the entire internal circuits are mechanically sprung mounted to the cabinet

Right: Closeup. Connection to the plasma panel is by conductive plastic ribbons

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{gallery}plasma/4{/gallery}

Left: Closeup of one of the mechanical vibration isolation springs, and a note about the plasma voltage

Centre: This shows the ribbons going to the plasma panel, and some of the very thick circuit boards.

Right: This is what the removed case looks like. Probably anodised aluminium.

{gallery}plasma/5{/gallery}

Some pictures from the sales brochure (thanks Charles for sending me the scan!)

[Read the full sales brochure here!](#)