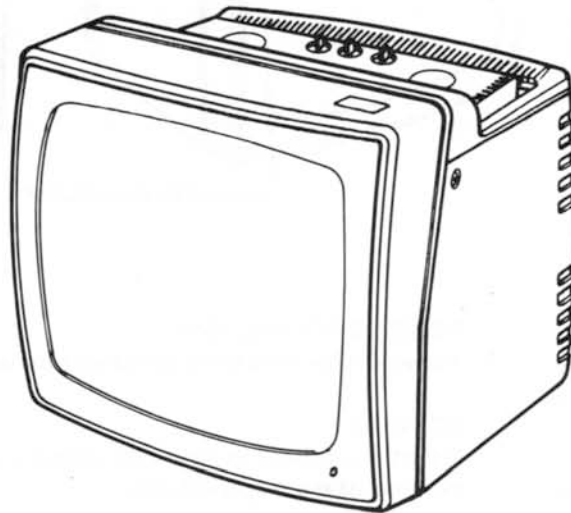


Many thanks to Piero Italien.  
Piero has produced these  
documents.  
Also he is Alphatronic P2 user.  
(compressed by H.Wiertalla)



# SOLID STATE DATA DISPLAY OWNER'S MANUAL

## SPECIFICATIONS

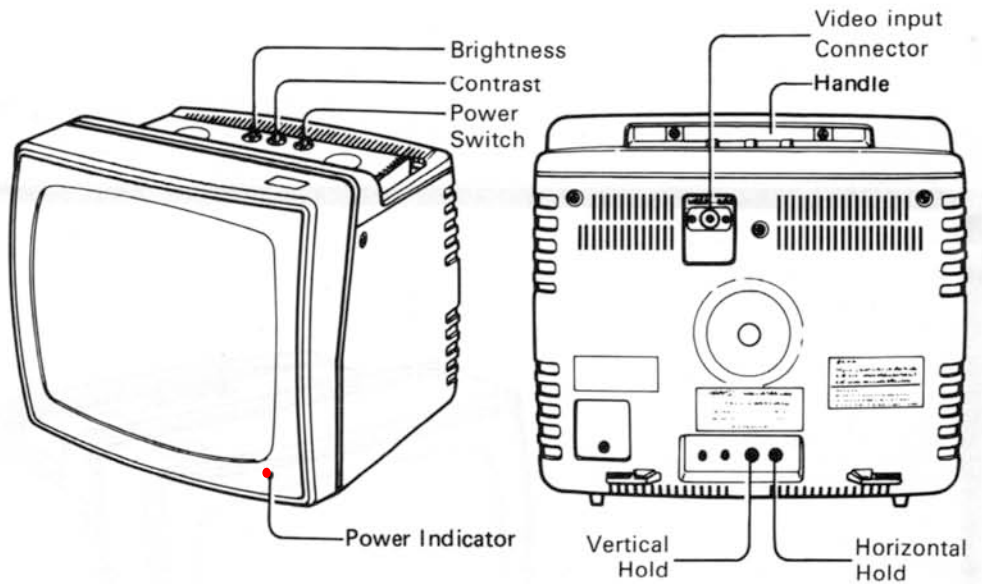
|                     |   |
|---------------------|---|
| Input Signals       | Composite Video Signal, Negative SYNC.<br>$1.0^{+0.5}-0.3$ Vp-p, 75 ohm |
| CRT Size            | 31 cm diag. (12 inch diag.)   |
| Phosphor            | P31 (Green)   |
| Semiconductors      | IC 1<br>Transistors 14<br>Diodes 16                                     |
| Video Amp Bandwidth | 18 MHz  |
| Display Format      | 1920 Characters max. (80 char. x 24 lines)                              |
| Power Input         | AC 220 V, 50 Hz   |
| Power Consumption   | 26 W  |
| Dimensions          | 32.0 (W) x 28.2 (H) x 30.0 (D) cm                                       |
| Weight              | 6.9 kg.   |

\*Specifications are subject to change without notice.

# Introduction

Your new solid state data display is a precision engineered product designed for use with the computer system which outputs a composite video signal. This picture tube employs an implosion proof, green phosphor. This data display is equipped with DC restroration (In the absence of a data signal, the data display screen will be fully black: no raster). Solid state electronics used in this data display provides improved reliability and superior performance even in continuous duty applications.

# Controls



# Installation

**CONNECT.....**Data Display to an outlet supplying 220 volts, 50 Hertz, alternating current (AC) only.

**FOLLOW.....**Instructions on all tags and labels before attempting to operate your display.

## ACHTUNG

Die in diesem Gerät entstehende Röntgenstrahlung ist ausreichend abgeschirmt. Beschleunigungsspannung: Maximal 17 kV.

## CAUTION

- For installation, avoid excessively hot or humid places as well as dusty locations. Damage to the cabinet or electronic parts failures may result.
- Avoid any small object or water to fall in the cabinet through ventilation slits to prevent from component on circuit failures, or even dangerous fire hazard.
- The cabinet is provided with many ventilation flits on its rear and bottom. Do not attempt to cover with cloth, pads, or any other materials which may interfere proper ventilation.
- High voltage bearing components are contained in the cabinet. Do not attempt to remove the rear cover for safety against possible shock hazard. Refer servicing to qualified service personnel.

## POWER SWITCH (⏻-ON)

Power can be clicked on by turning the switch knob clockwise. ●

## CONTRAST

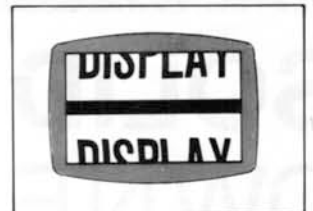
Adjust this control to obtain the proper contrast between the black and white portions of the displayed data.

## BRIGHTNESS

Determines the brilliance of the displayed data and is adjusted in conjunction with the Contrast control.

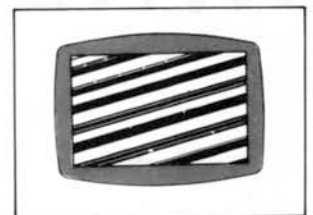
## VERTICAL HOLD

Stops any up or down movement of the displayed data. See the right figure.



## HORIZONTAL HOLD

Corrects any slanting of the displayed data. See the right figure.



## VIDEO INPUT Terminal

As shown in the figure, the signal input cable from the computer is connected to the signal input terminal.

- Use a coupling capacitor for the input with an input signal having a DC voltage of 3V or more.

