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Fcc ID: DK4780

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice (optional):

1. The use of non-shielded interface with this equipment is prohibited.

If necessary, the user should consult the dealer or an experienced radio/ television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful. This booklet is available from the U.S. Government Printing Office Washington DC, 20402, Stock No. 004-000-00345-4.

The manufacture is not responsible for any radio or TV interference caused by unauthorized modification of this equipment. It is the responsibility of the user to correct such interference.

Caution: To meet FCC limits for a Class B computing device, a shielded signal cable should be used.

1. *If you find some parts of the monitor display discolored due to magnetic fields generated by electrical facilities or appliances, turn off the monitor for at least 15 minutes. The degaussing circuit of the monitor will eliminate the discoloration.*

2. *Do not remove the monitor on its swivel base while the power is on, or it may cause discoloration. If discoloration occurs, follow the above mentioned procedure for adjustment.*

CANADIAN DEPARTMENT OF COMMUNICATIONS COMPLIANCE STATEMENT

This equipment does not exceed Class B limits per radio noise emissions for a digital apparatus, set out in the Radio Interference Regulation of the Canadian Department of Communications. Operation in a residential area may cause unacceptable interference to radio and TV reception requiring the owner or operator to take whatever steps necessary to correct the interference.

INTRODUCTION

1.General Information:

The color monitor's multiple resolution capability includes VGA, Super VGA, 8514/A and XGA and SXGA. It operates at resolutions that range from 640 x 480 to 1280x1024 with unlimited color monitor capability.

The color monitor uses one of the finest CRTs available in the industry. The 0.28 / 0.26 mm dot pitch, Non-Glare tube, coupled with 120MHz video bandwidth, provides a crisp and vivid color display quality. It makes it the perfect display for applications running from CAD/CAM or business presentation graphics to desktop publishing.

2.Features:

- User-Friendly on Screen Display Controls.
- Unlimited Palette of Colors.
- Full Screen Display.
- Digital Controls.
- 100-240V Universal SMPS.
- Support DDC1/DDC2B.
- MPR II Compliant and TCO92/95 Optional.
- EPA Energy Star and VESA Power Management Compliant.

GETTING STARTED

1.Installing the monitor:

Turn the monitor on its side or upside-down.

Insert the hooks on the swivel base into the cavities at the bottom of the monitor. Push down on the swivel base until the latch clicks shut.


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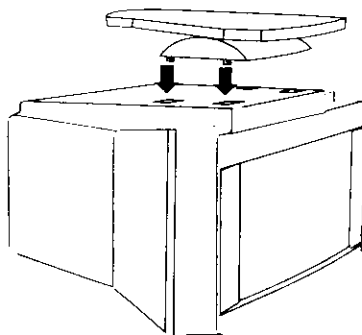
4 Power Saving Color Monitor

2.Connecting the signal cable:

Plug the 15-pin D-sub connector into the video signal connection location at the rear panel of the system. Tighten the two screws on the cable connection.
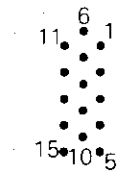
3.Connecting the power cord:

Using the AC jumper cable provided, connect one end of the cable to the CRT AC input and the other to the PC power supply unit. After which, plug the monitor power cord into the AC outlet (to PC $\mathscr{A}$ or to wall $\mathscr{A}$).
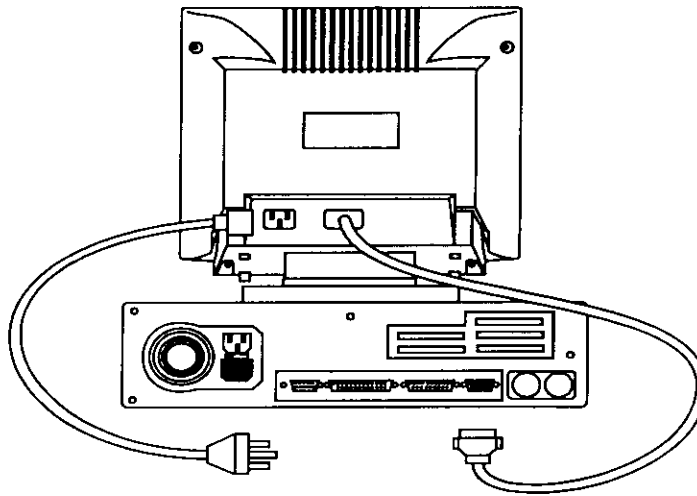
Connecting the power cord   Connecting the signal cable

15 pin D-sub connector information is as follows:

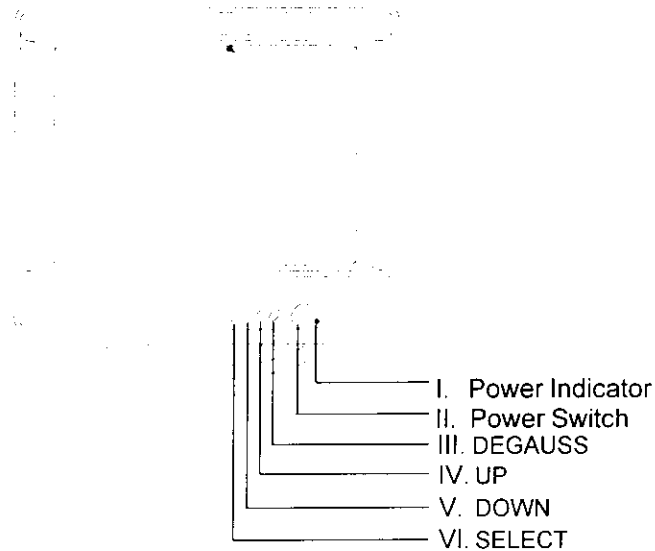| PIN	SIGNAL
1	Red Video
2	GreenVideo
3	Blue Video
4	GND
5	GND
6	R-GND
7	G-GND
8	B-GND
9	5V (option)
10	GND
11	No connection
12	SDA
13	Hor. Sync.
14	Vert. Sync.
15	SCL

Pin Layout &
Pin Assignment
Chart

USER CONTROLS

The numbers indicate the control items whose description are found on the following pages:

```
I.  Power Indicator
II. Power Switch
III. DEGAUSS
IV. UP
V.  DOWN
VI. SELECT
```

I. Power Indicator:

The LED light is GREEN when the monitor is operating normally, BROWN when the monitor is in the power management suspend mode, and ORANGE when the monitor is in the power management off mode.

II. Power Switch:

Push to turn the monitor ON, push again to turn the monitor OFF.

III. DEGAUSS Button:

Eliminate the impurity problem of the monitor. Press the button to improve the color purity.

IV. UP Button & Contrast:

Press the UP button to change the setting for each of function icon.

V. DOWN Button & Brightness:

Press the DOWN button to change the setting for each of function icon.

VI. SELECT Button:

Press the SELECT button to bring the OSD Main Menu.


On Screen Display (OSD) Main Menu Mode:

Main menu includes 22 different function and adjustment icons. The selected function within the menu is colored red. The associated function name is shown on the inside of the menu window and colored blue.

To select a function icon and adjust the functional parameter:
Step 1. Press SELECT button to bring the main menu.
Step 2. Select a specific icon for adjustment by pressing UP/DOWN button.
Step 3. Adjust the functional parameter by pressing SELECT button again, and pressing UP/DOWN button to adjust the functional parameter.

H:31.4K   V:70.0
640 x 350
V. FOCUS
50%
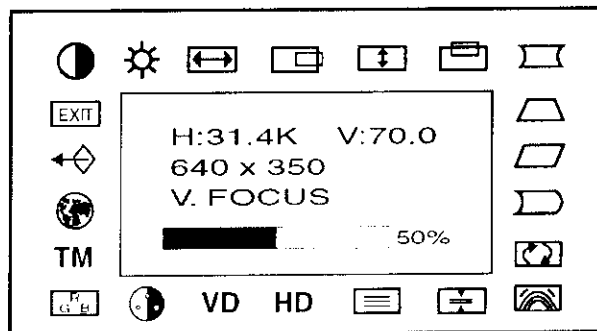
Contrast Control:
Adjust the contrast. Turn clockwise to increase the contrast.

Brightness Control:
Adjust display brightness. Turn clockwise to increase the brightness.

H-size:
Adjust the display width (horizontal size).

H-phase:
Adjust the horizontal position.

V-size:
Adjust the display height (vertical size).

V-center:
Adjust the vertical position.

Pincushion:
Adjust the curvature of the display area to make the sides straight.

Trapeziod Control:

Adjust the angles of the display area to make dispaly rectangular.

Parallel Control:

Adjust the tilt angles of the display area.

Bow Control:

Adjust the curvature of the display area.

Rotation Control:

Adjust the rotational angle of the display area.

B Gain/G Gain/R Gain Control:

Adjust the red, green, and blue colors of the display.

Recall Control:

Return the display to a factory default state.

Color ADJ:

Select the desired color settings. There are 6500K, 9300K, User 1, and User 2 to offer user to adjust the color temperature parameter.

TM **Timer Control:**

Adjust OSD display panel showed up time on screen.

OSD Display Panel Position:

Adjust the OSD Horizontal position and OSD Vertical position.

Language Function:

Select the desired language from English, Espnanol, Inglese, Francais, Deutsch.

EXIT **Exit Control:**

Press the function button to leave the OSD menu.

On Screen Display (OSD) Advanced Control Menu:

There are six functional items contained:

MOIRE

V.S. LINEAR (Vertical Linear Symmetry)

V.C. LINEAR (Vertical Linear Center)

HD H. FOCUS (Horizontal Dynamic Focus)

VD V.FOCUS (Vertical Dynamic Focus)

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SPECIFICATIONS

Size   17" diagonal (Viewable Image Size 15.7" diagonal)

Dot Pitch   0.28 mm / 0.26mm

Horizontal Freq   30-86KHz

Vertical Freq   50-120Hz

Resolution (Max.) 1280x1024

Video Bandwidth: 120MHz

Display Mode

Mode	Resolution	V.Frequency	H.Frequency	H/V Polarity	
VGA	720 x 400	70 Hz	31.47 KHz	+	-
	640 x 480	70 Hz	31.47 KHz	-	+
VESA	640 x 480	75 Hz	37.50 KHz	-	-
VESA	640 x 480	85 Hz	43.27 KHz	+	-
VESA	800 x 600	75 Hz	46.88 KHz	+	+
	800 x 600	85 Hz	53.65 KHz	+	+
VESA	1024 x 768	75 Hz	60.00 KHz	+	-
VESA	1280 x 1024	75 Hz	80.00 KHz	+	+

Input Voltage   100~240VAC, 50/60 Hz

Screen Adj.   Power switch, Brightness, Contrast, H. Size, H. Phase, V. Size, V. Center, Pincushion, Trapeziod, Parallel, Bow, Rotation, Moire, V.S. Linear, V.C. Linear, H. Focus, V. Focus, Color ADJ, Timer, OSD, Language, Degauss, Recall, R.G.B, Exit.

Power Consumption   130W

Power Saving   Display Power Management Signaling (DPMS)
                  Suspend   15W (Max.)
                  Off mode   8W (Max.)

Low Radiation Standard   MPR-II; TCO92/TCO95 (Optional)

Plug and Play   DDC1, DDC2B

Operating   Temperature   5°C ~40°C

Environment   Humidity   RH 20~80%

Connector   15 Pin D-Sub

Dimensions   17.6" x 19" x 17" (446 x 484 x 430 mm)

* Specifications subject to change without notice.