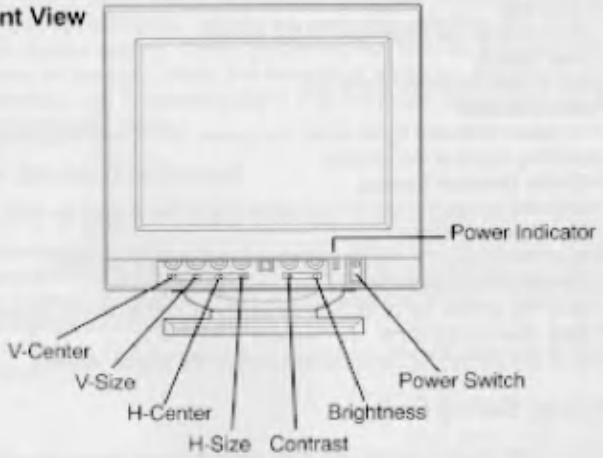
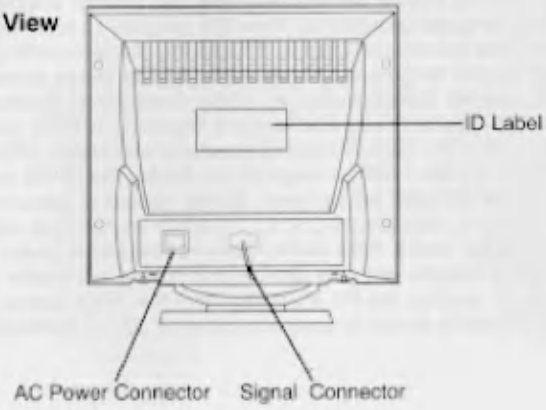
Control Layout and Descriptions

Front View



Rear View



Installation

The supply voltage is marked on the ID label located on the rear panel of the monitor. If your local voltage is different, do not use the monitor and contact your supplier before using the display.

Connections

To connect your monitor after the video adapter is properly installed:

1. Turn OFF the power to your computer and all its attached options.

2. Position the monitor and the computer so that you can easily get to the back panel of each.

3. Connect the signal cable with D-sub connector to the graphics board on your PC as described in your PC Owner's Manual. The connectors make only one way. Do not force the connection or you may damage the connectors.

4. Tighten the screws on the video cable connector to keep it from coming loose and to prevent radio and TV interference.

5. Connect the power cord to the AC receptacle on the back of the monitor. Plug the other end of the power cord into a properly grounded electrical outlet.

6. The socket-outlet should be installed near the equipment and should be easily accessible.

Contrast
.Adjust the display to the contrast desired.
Brightness
.Used to adjust the Brightness of the screen.
Power Switch
.Used to turn the power On or Off.
Power Indicator
.The power indicator lights when the power is On, and indicates the operating status of the display.
V-Center (Vertical Center)
.Adjust this control for the vertical centering of the display desired.
V-Size (Vertical Size)
.Adjust this control for the vertical size of the display desired.
H-Center (Horizontal Center)
.Adjust this control for the horizontal centering of the display desired.
H-Size (Horizontal Size)
.Adjust this control for the horizontal size of the display desired.

Energy Saving Design

When used in conjunction with a PC having power saving circuity, or a PC running screen blanking software this monitor automatically reduces its power consumption when the computer is not in use. The monitor has power-saving states, indicated by the light-emitting diode (LED) on the front panel. These power-saving states exceed the Environmental Protection Agency (EPA) Energy Star requirements using the Display Power Management Signalling (DPMS) protocol, developed by the Video Electronics Standards Association (VESA).
In normal operation with an image on the display, the DPMS indicator (the Power ON light) will be green. During periods of non-use while the PC and monitor are still ON, the PC and/or monitor may enter the power saving modes. If the monitor goes into the power saving mode, the DPMS indicator will glow orange, and nothing will appear on the screen. To awaken the PC or monitor from the Powe Saving mode, simply move the mouse or press any button on the PC keyboard.

General Operation

After following the installation instructions and getting familiar with the controls, you are ready to operate the monitor.

1. Turn on the monitor, PC and other peripherals you plan to use.
2. After the PC has booted (powered up and finished self-testing), enter a software application that uses the full screen display.
3. While looking at the image on the screen, adjust the controls for the image size, centering, brightness and contrast levels you prefer.
4. This monitor is an auto scanning monitor, capable of synchronizing with a variety of video standards automatically. The Scanning Mode Table below indicates the resolution, as well as the horizontal and vertical refresh rates, of some of the modes that this monitor can match to the output of your PC's graphics card.
   Other resolutions and standards can also be synchronized and displays on this monitor as long as they are within the horizontal and vertical frequency range of this monitor. See the specifications for this information.

Scanning Mode Table

Resolution	H-Freq.	V-Freq.	Remark
640x350	31.5KHz	70Hz	IBM VGA1
640x400	31.5KHz	70Hz	IBM VGA2
640x480	31.5KHz	60Hz	IBM VGA3
800x600	35.2KHz	56Hz	SUPER VGA
1024x768	35.5KHz	87Hz	IBM 8514/A*
640x480	37.5KHz	75Hz	VESA 480
640x480	37.9KHz	72Hz	VESA 480
800x600	37.9KHz	60Hz	SVGA-I
800x600	46.9KHz	75Hz	VESA
800x600	48.1KHz	72Hz	SVGA-II
1024x768	48.4KHz	60Hz	UVGA-I

(* : Interlaced)

Specifications

Picture tube : 15 inch(13.6 inches viewable) Tinted, 90 degree deflection 0.28 mm, Non-glare screen, Anti-Stating Coating

Display Size : 10.2" x 7.48"/260 x 190 mm (HXV)

Horizontal Frequency : 30 ~ 50 KHz

Vertical Frequency : 50 ~ 90 Hz

Video Bandwidth : 65 MHz

Signal connector : 15 pin D-Sub type

Power input : 100-240VAC, 50/60Hz, 1.2A

Power Consumption : Maximum 80 watts

Power Consumption Table (Typical)

LED Color	States	Power Consumption
Green	On	80 watts
Orange	Stand-by/ Suspend	15 watts
Orange	DPMS Off	8 watts
Dark	Off	none

Dimensions (WXDXH) : 14.6 X 15.6 X 13.2 inches (Without T/S Base)
370 X 395 X 336 mm

14.6 X 15.6 X 15.1 inches (With T/S Stand)
370 X 395 X 383 mm

Weight (net) : 30.2 lbs