

Specifications

1) CRT

- 14 inch tube , color CRT
- 13 inch viewable area
- 0.28 mm dot pitch
- 90° deflection angle and 29.1 neck diameter
- Dark glass non-glare face treatment
- Anti-static coated screen surface (LR model only)

2) Power Requirements

- Power source: 100 ~ 240 Vac , 50 / 60 Hz
 - Power Consumption : 80 W
 - Power Saving under 15 W (EPA) / VESA DPMS
- | LED Color | States | Power Consumption |
|-------------|-----------|-------------------|
| Green | ON | Normal |
| Light Amber | Stand-By/ | ≤ 15 W |
| | Suspend | |
| Dark Amber | OFF | ≤ 7 W |
- DDC1 / DDC2B

3) Input Signal

- Video Signal : 0.7 Vpp / 75 ohm Analog (R G B.)
- SYNC Signal :
 - Horizontal Drive : 3.5 Vpp TTL
 - Freq : 30 ~ 50 Khz (Automatic)
 - Vertical Drive : 3.5 Vpp TTL
 - Freq : 50 ~ 100 Hz (Automatic)

4) Visual Performance

- Geometry Distortion : 2.4 mm maximum
- Misconvergence : 0.4 mm maximum
- Nonlinearity : 7% maximum

5) Non Digital Controls

Power Switch

Power Indicator

6) Mechanics 14 "

- Weight : 24.1 Lbs
- Dimensions :
 - 360 mm (width)
 - 385 mm (depth)
 - 365 mm (height)

7) Regulatory Approvals

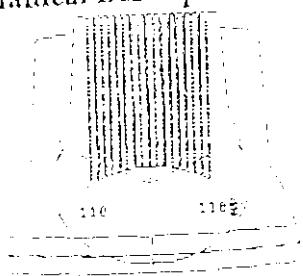
- FCC / DHHS / UL / CSA / TUV / CE
- I.R model meeting MPR II requirements

8) Factory Preset Modes

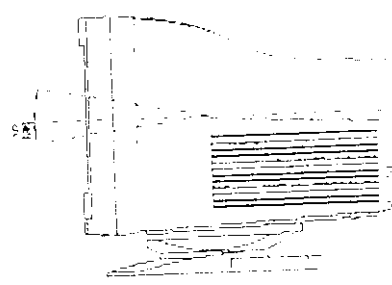
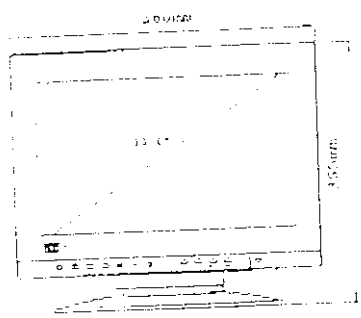
Mode	Resolution	H-Freq.	V-Freq.	HS.pol	VS.pol
1	640×350	31.47Khz	70.08Hz	posi (+)	nega (-)
2	720×400	31.47Khz	70.08Hz	nega (-)	posi (+)
3	640×480	31.47Khz	59.95Hz	nega (-)	nega (-)
4	800×600	35.16Khz	56.25Hz	posi (+)	posi (+)
5	1024×768	35.52Khz	86.96Hz	posi (+)	posi (+)
6	640×480	37.86Khz	72.81Hz	nega (-)	nega (-)
7	800×600	37.88Khz	60.32Hz	posi (+)	posi (+)
8	800×600	48.08Khz	72.01Hz	posi(+)	posi(+)
9	1024×768	48.36Khz	60Hz	nega (-)	nega (-)

Controls

Mechanical Description

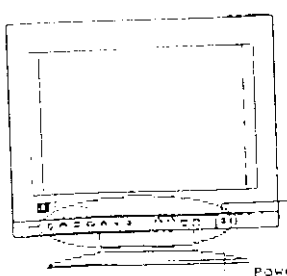


SWING ANGLE 236



TILT ANGLE +13
-6

Front View

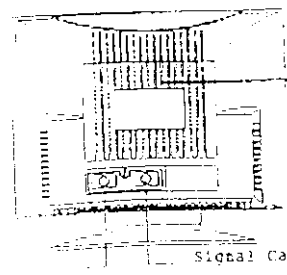


Power Indicator

Power Switch

Digital Control Area

Rear View

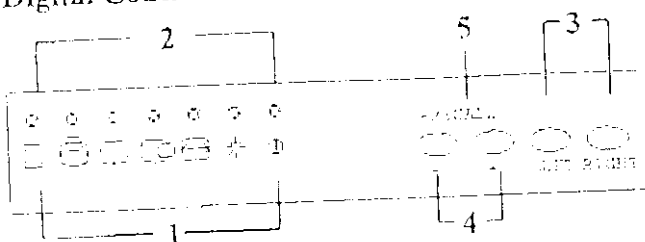


ID Label

Signal Cable

AC Power Connector

Digital Control Area



1. Digital Control Icons

- Contrast
- Brightness
- Horizontal Width
- Horizontal Position
- Vertical Height
- Vertical Position
- Pincushion

2. Digital Control Indication

When one of the seven digital controls is selected the LED above that control icon is it.

3. LEFT / RIGHT BUTTON

Pressing the left or right button to select which control change.

4. + / - BUTTON

Pressing the "+" or "-" button, you can change the setting for each Of the digital control items.

5. " + " and " - " BUTTON (Recall Function)

Pressing the "+" and "-" Button, return to the factory setting.

Signal Connection

A standard video cable is provided with this monitor to connect with IBM PC / XT and PC / AT. The monitor will not work properly unless a Suitable signal is directed to each pin.

Pin Assignments

The following and right figures show the pin assignments for a DB 15 connector.

Pin No.	DB-15
1	Red video
2	Green video
3	Blue video
4	Not used
5	Ground
6	Red ground
7	Green ground
8	Blue ground
9	Not used
10	Sync ground
11	Ground
12	DDC (SDA)
13	Horizontal Sync
14	Vertical Sync
15	DDC (SCL)

Cable Installation

On using a DB-15 , the monitor will operate on the VGA card only. Lock the two screws to ensure the better grounding.

Setting Up Your Monitor

- 1) Make sure that the power to both the system unit and the monitor is turned off.
- 2) Combine the four hooks of the pedestal base with the four holes of the monitor bottom.
- 3) Place the monitor on a clear and level surface.
- 4) Connect the AC cord to the AC socket at the rear panel of your system unit (For models with standard plugs, connect it to a wall outlet.)
- 5) Connect the video cable to the VGA card. The device will automatically switch to the right frequency of the interface card.
- 6) After you switch on both the system unit and the monitor , a display will automatically appear on the monitor with in 30 seconds if a proper signal is applied
- 7) Adjust the Brightness and the Contrast control to obtain the desired display picture.