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取扱説明書に従って正しい取り扱いをしてください。

Safety: Read first

Before installing this product, read the Safety Information.

Antes de instalar este produto, leia as Informações de Segurança.

Læs sikkerhedsforskrifterne, før du installerer dette produkt.

Ennen kuin asennat tämän tuotteen, lue turvaohjeet kohdasta Safety Information.

Avant d'installer ce produit, lisez les consignes de sécurité.

Vor der Installation dieses Produkts die Sicherheitshinweise lesen.

Prima di installare questo prodotto, leggere le Informazioni sulla Sicurezza.

Lees voordat u dit product installeert eerst de veiligheidsvoorschriften.

Les sikkerhetsinformasjonen (Safety Information) før du installerer dette produktet.

Antes de instalar este produto, leia as Informações sobre Segurança.

Pred inštaláciou tohto zariadenia si pečítajte Bezpečnostné predpisy.

Antes de instalar este producto lea la información de seguridad.

Läs säkerhetsinformationen innan du installerar den här produkten.

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IBM E54 Color Monitor Users Guide

6331-3JN

6331-7JN

Edition 1

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Features

- ✓ 15 inch (13.9 viewable image size) 70Khz FST CRT
- ✓ 0.27/0.23 Dot Pitch Diagonal/Horizontal
- ✓ 1280 x 1024 Maximum Addressability
- ✓ ISO 9241-3/7/8*
- ✓ Plug and Play*

*Hardware and Software dependent; compatible system and configuration required

Power Management

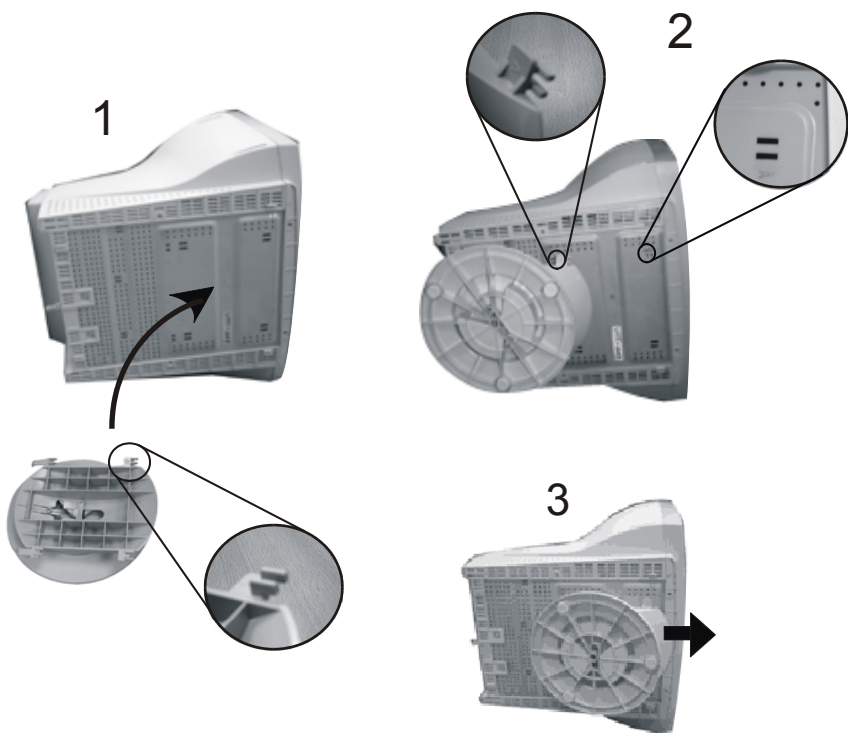
Mode	Power Consumption	LED
On	<75W	Green
Active Off	<5W	Amber
Off	<1W	Amber

Factory Preset Timings

Resolution	Refresh Rate
640X480	60Hz
640X480	85Hz
720X400	70Hz
800X600	75Hz
800X600	85Hz
1024X768	75Hz
1024X768	85Hz

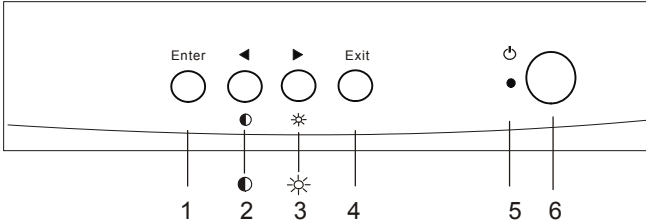
Installing the Swivel Base

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


















Panel Key Introduction

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1. **Exit** key: returns to last page, quits the menu system
2. ◀ / ●: adjusts the parameter setting to a lower value or adjusts contrast setting.
3. ▶ / ☀: adjusts the parameter setting to a higher value or adjusts brightness setting.
4. **Enter** key: goes into submenus or selects items.
5. **Status Indicator**
6. **Power Switch**: turns the monitor on or off.

Menu Item	Sub Menu Item	Function
 Luminance	 Contrast	Adjusts the difference between the light and dark area
	 Brightness	Adjusts the brightness of the display
 Geometry	 Hor. Position	Adjusts the horizontal position of the display
	 Hor. Size	Adjusts the display width
	 Ver. Position	Adjusts the vertical position of the display
	 Ver. Size	Adjusts the vertical display height

	 Rotation	Corrects the slanted screen
	 Pincushion	Corrects curve at the vertical edges of the display
	 Unbalance	Adjusts balance when the sides of the display are bowed toward left or right
	 Trapezoid	Makes the vertical edge of the display parallel
	 Parallelogram	Corrects image distortions
	 Corner	Adjusts the edges on the corners of the screen image
 Color Adjustment	C1 9300K	Color temperature mode 1
	C2 6300K	Color temperature mode 2
 Recall		Displays current setting for horizontal frequency, refresh rate and resolution when highlighted. Press to recall geometry settings preset at factory
 Degauss		Remove unwanted magnetism that can result in color impurity
 Miscellaneous	 Hor. Moire	Adjusts horizontal Moire
	 Ver. Moire	Adjusts vertical Moire
	 OSD Position	Adjusts OSD horizontal and vertical position
	 Language	De: Deutsch En: English Es: Español Fr: Français It: Italiano Jp: 日本語 簡中: 简体中文 繁中: 繁體中文

Troubleshooting

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There is no picture on the screen.

Check:

- ✘ Scanning frequency. Change the settings of your graphics card to acceptable options.
- ✘ The monitor is in power saving mode. Press any key or move the mouse to deactivate the mode.

The picture is scrolling or unstable.

Check:

- ✘ Scanning frequency. Change the settings of your graphics card to acceptable options.
- ✘ Remove magnetic objects near the monitor.

Maintenance

- ✘ Do not expose the monitor to direct sunlight or heat.
- ✘ Do not spill liquid on the monitor.
- ✘ Do not attempt to open the monitor.
- ✘ Do not use harsh chemicals or strong cleaning solvents to clean the monitor screen.
- ✘ Do not place anything on your monitor. Poor ventilation may elevate temperature inside the monitor.

Specification

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E54 15", CRT Monitor	
Dot pitch	0.27/0.23 mm dot pitch diagonal/horizontal
Surface coating	AR, AG, AS coating
Max. Viewable size	13.9" (354 mm) diagonal
Power supply	Input voltage 100~240V AC, 50~60 Hz
	Power consumption 75W (max)
Weight	26.4 lbs (12.0 Kg)
Max. Resolution	1280X1024 @ 60Hz
Horizontal Frequency	30-70 KHz
Vertical Frequency	50-120 Hz
Video Input	15-pin mini D-sub
Adjustable Timings	7 factory preset, 10 user mode
Regulatory Compliance	UL, VCCI, MPR II
Plug & Play	DDC 2B
Ambient Temperature	Operating +5°C~+40°C/ +41°F~+104°F
	Storage -20°C ~+60°C / -4°F ~ +140°F
Humidity	Operating 20%~90%
	Storage 10%~90%
Dimensions (W x H x D)	361 mm x 384 mm x 384 mm
Dimensions (W x H x D)	14.2 inch x 15.1 inch x 15.1 inch

Service Information

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The following parts are for use by IBM services, or IBM authorized dealers, to support customer warranty. Parts are for service use only.

Monitor information

FRU Part Number	Description	M/T	Model	Color
31P6428	E54 Monitor MRP-II, NH	6331	3JN	Pearl White
31P6429	E54 Monitor MRP-II, NH	6331	7JN	Stealth Black
31P6430	E54 Tilt/Swivel	---	---	Pearl White
31P6431	E54 Tilt/Swivel	---	---	Stealth Black