



**DP2070SB**

**22" DIAMONDTRON NF MONITOR**



0.24mm stripe pitch

22" SuperBright Diamondtron NF CRT

3 year limited on site warranty

**MITSUBISHI ELECTRIC AUSTRALIA**

# DP2070SB 22" DIAMONDTRON NF MONITOR

## Key Features

- 22"/55 cm SuperBright™ Diamondtron® NF Aperture Grille picture tube with 51 cm/ 20" viewable diagonal screen size
- sRGB compatible colour delivers accurate and reliable colour reproduction
- Anti-reflection, anti-static G-WARAS coating providing excellent image quality
- 0.24 mm aperture grille stripe pitch
- Maximum resolution of 2048 x 1536 pixels at 86 Hz refresh rate
- Microsoft® Windows® 98, 2000, Me and XP Plug & Play compatible
- Apple Macintosh compatible
- Extensive range of image adjustments provided by the On-Screen Display
- User selectable and adjustable colour temperatures
- VESA DPMS and Energy Star compliant Power Management
- 3 year limited warranty, on-site within 50 km of authorised service centres
- 2 Mode Super Brightness control:
  - SB-1 (Picture) mode: Boosts image luminance with gamma correction for contrast enhancement
  - SB-2 (Movie) mode: Boosts image luminance further with gamma correction for contrast enhancement and also add edge enhancement function

## Specifications

### PICTURE TUBE

CRT Size	22" (55 cm), diagonal
Maximum Viewable Size	20" (51 cm), diagonal
Grille Spacing	0.24 mm
CRT Type	Mitsubishi SuperBright™ Diamondtron® NF Aperture Grille
Phosphor	B22 (EBU)

### SIGNAL

Horizontal Frequency	30 - 140 kHz, auto scanning
Vertical Frequency	50 - 160 Hz, auto scanning
Synchronisation	Separate or Composite TTL level
Video Bandwidth	390 MHz
Maximum Resolution	2048 x 1536 pixels @ 86 Hz refresh rate
Recommended Resolution	1600 x 1200 pixels @ 85 Hz refresh rate
Typical Display Size	396 x 297 mm preset for VESA graphics modes
Input Signal	Video Analog RGB (positive)
Plug & Play	<b>DDC-2B:</b> Compatible with Windows 98, 2000, Me and XP

### User Controls

### On Screen Display:

Contrast, Brightness, Colour Gain and Temperature, SuperBright Mode, Horizontal Position and Size, Vertical Position and Size, Pincushion, Pin Balance, Top and Bottom Pincushion and Balance, Trapezoid, Key Balance, Parallelogram, Rotation, H & V Linearity, Moiré, Horizontal and Vertical Convergence, Corner Correction, Degaussing, Reset

### PHYSICAL

Input Connector	2 x 15-pin mini D-Sub
Dimensions (WHD)	495 mm x 484.5 mm x 471 mm
Weight	29.8 kg
Power Input	100 ~120 / 220~240 VAC, 50/60 H
Maximum Power Consumption	135 Watts (without USB) 150 Watts (with USB) < 3 Watts in Power Saving Mode

### REGULATORY

EMC/EMI	AS/NZS 3548 (C-Tick), CE, FCC-B, DOC-B
Safety	AS/NZS 60950, UL/ C-UL, TÜV-GS
X-ray	DHHS, RoV, HWC
Power Saving	TCO'99 VESA DPMS, Energy Star
Ergonomics	TCO'99, TÜV-GS, TÜV-ERGO
Low Radiation	TCO'99 MPR-III Low Radiation



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