

TFT DISPLAY



**DVI Digital and  
Analogue Inputs**

**16ms Response Time**

**High Contrast  
Ratio - 500:1**

The Diamond View DV172 from Mitsubishi Electric Australia is a high-contrast active-matrix Liquid Crystal Display (LCD) monitor with 17"/43.2 cm diagonal viewable area. The DV172 combines a thin, sleek design with superior image quality and high brightness and contrast. A DVI Digital signal interface is included, eliminating picture noise associated with analogue graphics adaptors. The thin-film transistor (TFT) panels used in Mitsubishi's monitors provide crisp, clear and bright images with a wide viewing angle. LCD monitors have the added advantages of low power consumption, light weight and small size.

**KEY FEATURES:**

- High Resolution, 1280 x 1024 Pixel Thin-Film Transistor LCD Panel
- High Brightness and Contrast - 260 cd/m<sup>2</sup> brightness and 500:1 contrast ratio
- Dual Signal Inputs - DVI Digital and Analogue
- Plug and Play compatible with Microsoft® Windows® 95, 98, 2000, Me and XP
- Apple® Macintosh® compatible
- High Quality Ratiometric Expansion: With any resolution within the monitor's specified range, your Diamond View DV172 expands the image to full screen
- Auto Adjustment Function for easy installation: automatically optimises the displayed image by tuning it to the characteristics of the graphics signal
- Space Saving - only 200 mm deep including the stand
- Light Weight - only 4.4 kg
- Removable Stand with VESA Standard Mounting. Optional ergonomic arms and wall mounting brackets are available
- Built-in Stereo Amplifier and Speakers
- Supports Kensington security locks
- Available in two cabinet colours: Light Grey (DV172) or Black (DV172B)



MODEL	DIAMOND VIEW DV172/DV172B
<b>DISPLAY CHARACTERISTICS</b>	
Display Type	17" active matrix Thin Film Transistor Liquid Crystal Display
Viewable Diagonal Area	43.2 cm / 17"
Display Area (Horizontal x Vertical)	338 x 270 mm
Native (Maximum) Resolution	1280 x 1024 pixels
Colour Depth	16.7 million colours
Contrast Ratio	500:1 (typical)
Brightness	260 cd/m <sup>2</sup> (typical)
Response Time	16 ms (typical)
Viewing Angle (Left/Right, Up/Down)	±75°, ±70° (typical)
Dot Pitch	0.264 mm (Horizontal and Vertical)
<b>USER INTERFACE</b>	
Controls	Mains power switch, 4 buttons to control On-Screen Display, Automatic Image Adjustment button
On-Screen Display Functions	Contrast, Brightness, Vert. & Hor. Image Position, Phase, Pixel Clock, Colour Temperature, OSD Position, Choice of language (6 language OSD), Recall, Volume control, Auto adjustment, Input source select, Information
Preset Colour Temperatures	5800K, 6500K and 9300K
Microprocessor Controlled Graphics	22 preset graphics modes, including 11 VESA modes
<b>INPUT SIGNAL</b>	
Horizontal Frequency	30 – 81 kHz multi-frequency
Vertical Frequency (Refresh Rate)	56 – 75 Hz
Video Signal	RGB analog (Positive polarity) 0.7 Vpp/75 Ohm
Synchronisation (Analogue)	TTL – separate or composite
Signal Connection	Analogue (15-pin mini D-sub cable) and DVI-digital
Plug & Play	DDC-2B – Compatible with Windows 95, 98, 2000, XP and Me
<b>AUDIO</b>	
Audio Output Power	1 Watt / Channel (at 1 kHz)
Frequency response	50 Hz – 12 kHz
THD	< 10% at 1W
Signal/Noise Ratio	> 40 dB
<b>PHYSICAL CHARACTERISTICS</b>	
Maximum Power Consumption	50 Watts < 3 Watts in power saving mode
Power Management	VESA DPMS, Energy Star
Operating Voltage	Automatic switched mode power supply 100 – 240 Vac, 50 – 60 Hz
Dimensions (W x H x D)	382 x 404 x 200 mm
Weight	4.4 kg
Base Tilt	0° / +20°
Base swivel	150°
Operating Temperature	5 °C – 40 °C
Operating Air Humidity	20% – 80%, non-condensing
<b>REGULATORY CERTIFICATION</b>	
Safety	AS/NZS 60950, IEC 950, EN 60950 (TÜV/GS), UL, CSA
EMI/EMC	AS/NZS 3548 (C-Tick), CE, FCC
Other	TÜV/Ergonomics, ISO 13406-2, MPR-II. Compliant with the Emission, ergonomic and energy requirements of TCO'99. (DV172 only)

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