

NEC MultiSync® LCD1810X

With Digital and Analog Interfaces

Display Type:	SuperFine TFT, 18 inch
Active Display Area:	359 x 287 mm
Pixel Pitch:	0.28 x 0.28 mm
Viewing Angle:	170° horizontal/170° vertical (at CR = 10:1)*
Brightness:	200 cd/m² typ.
Contrast Ratio:	150:1 typ.
Number of Colours:	16.77 million
Optimum Resolution:	1280 x 1024 @ 60 Hz
Other Resolutions:	1152 x 870 @ 75 Hz, 1024 x 768 @ 75 Hz, 832 x 624 @ 75 Hz, 800 x 600 @ 75 Hz, 640 x 480 @ 75 Hz
Features/Adjust Functions:	On-Screen Manager (OSM) lock out, Contrast, Brightness, Auto adjust, Fine adjust (analog interface), Scaling select for resolutions < 1280 x 1024 (1:1, Full screen or aspect ratio), Colour control, Monitor info, Language select, Intelligent Power Management (VESA/EPA/NUTEK compliant) disable, Headphone volume
User Controls:	On/Off, OSM Menu, Interfaces
Plug & Play, Asset Management:	VESA DDC1, DDC2B and EDID standard**
Horizontal Frequency:	Analog: 24.8–80 kHz Digital: 24.8–80 kHz
Vertical Frequency:	Analog: 56–75 Hz Digital: 56–75 Hz
Connectors:	Analog: Mini D-sub 15 pin Digital: DVI-I connector
Audio Functions:	Yes, Audio input, Headphone jack
USB Functions:	No
VESA Mounting Interface:	Yes, 100 x 100 mm
Kensington Lock:	Yes
Dimensions (W x H x D):	454 x 532 x 218 mm (Landscape format)
Screen Tilt, Swivel, Rotate:	-5° to +30° / -45° to +45°, TORO Design: Screen rotation 90°
Weight:	10.0 kg
Power Supply:	100-240 V/1.6/0.8 A, integrated power supply
Power Requirements:	67 W max. On mode, < 8 W Power saving mode
Ambient Temperature (Operat.):	+5 °C to +35 °C
Ambient Humidity (Operating):	30–80% (non-condensing)
Safety/Ergonomics:	CE, TÜV GS, TÜV ERGONOMIE, ISO 9241-3/-7/-8, TCO 99
Warranty:	3 years warranty, warranty extension programs depending on specific country
Shipping Contents:	Monitor, Power cord, DVI-A to VGA signal cable, DVI-D signal cable, Adapter DVI-D to DFP, Pivot® Software****, User manual

All specifications are subject to change without notice. Status February 2000

* CR = Contrast Ratio. All viewing angle specification is based on a contrast ratio of 10:1. Some manufacturers specify viewing angle at a contrast ratio of 5:1 which implies a very pale image.

** Most actual INF file for automatic adaption into Windows 95/98 is downloadable from: www.necd.de

- VESA mounting interface enables versatile installation
- ambix Technology: DVI-I interface (digital and analog) + additional VGA analog interface
- TORO Design means screen rotation by 90 degrees
- Ergonomics and safety compliant to state of the art standards



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NEC
One idea ahead.