

# D P P 8 0 0 0



# 18.1" DIRECT DIGITAL LCD MONITOR



Princeton proudly presents the DPP800 Direct Digital, 18.1" SXGA-TFT LCD monitor designed for both stand alone or wall-mount. The DPP800 is designed for corporate users of high-level graphics, CAD/CAM/CAE, desktop publishing and text applications. Unlike most 18" Flat Panel Displays (FPD), the DPP800 is **Direct Digital**, which means that the input signal remains digital from the CPU to the monitor. What is the result? For starters, the DPP800 displays astonishing image clarity and uniformity without perceptible noise and misfocus. Without the analog-to-digital converter necessary for analog FPD's, the DPP800 represents more value than most analog panels of the competition. Additionally, the DPP800 is virtually maintenance-free, unlike CRT monitors with hundreds of components that wear with time. The result is significantly reduced T.C.O. (Total Cost of Ownership) over the monitor's life span. The DPP800 is TCO '99 certified to meet the strictest industry standard regarding user and environmental ergonomics both during and after the manufacturing process.

#### FEATURES:

- 18.1" Active Matrix TFT-LCD Panel
- True SXGA 1280 x 1024 Maximum Resolution
- VESA® FPMPI™ Compliant Wall/Arm Mounting Interface
- Panellink™ (TMDS) Direct Digital Interface
- Self-Powered USB Hub
- Anti-Glare/Hard Screen Coating
- 230:1 Super High Contrast Ratio
- Full Three-Year Limited Warranty
- Standard First-Year 48-Hour Advance Replacement Warranty\*
- TCO '99 Compliant

# PRINCETON®

# D P P 8 0 0



## FEATURES AND BENEFITS

### Direct digital interface

Direct Digital means superior front-of-screen performance. No adjustments are necessary to minimize picture noise. In addition, ghosting, color registration and smearing are eliminated.

### PanelLink™ (TMDS) MDR-20 pin input connector

Standard in graphics digital interface endorsed by VESA®, as well as computer and graphics card manufacturers globally.

### True SXGA 1280 x 1024 maximum resolution

The higher the resolution, the greater the amount of displayable information. The DPP800 displays a true 1,280 pixels horizontally, and 1,024 pixels vertically.

### VESA® FPMPI™ wall/arm mounting interface

The base can be removed and the unit can be wall- or arm-mounted for ultimate space saving.

### Self-powered USB hub

DPP800 features one upstream port (for CPU-monitor connection) and four downstream ports for easy peripheral connection.

### TCO '99 compliant

DPP800 meets the strictest industry standard for user and environmental ergonomics, both during and after the manufacturing process.

### Full three-year limited warranty

Three-year warranty on parts, labor, and backlight.

### 48-hour advance replacement for the first year of ownership\*

Hassle-free warranty significantly reduces downtime in the event of equipment malfunction.

## DPP800 SPECIFICATIONS

<b>LCD Panel Type</b>	18.1" color TFT-LCD, anti-glare/hard coating
<b>Displayable Resolution</b>	SXGA 1280 x 1024 maximum
<b>Pixel Dimensions</b>	0.2805mm x 0.2805mm
<b>Display Colors</b>	True color, 16M colors maximum (8 bit per RGB)
<b>Viewing Angle</b>	Horizontal: ± 70° (typical) Vertical: ± 70° up, ± 40° down (typical)
<b>Wall/Arm Mounting Interface</b>	Tilt and swivel base (included): Tilt: 15° up, 5° down, Swivel: ± 45° VESA® FPMPI™: 100mm x 100mm
<b>Contrast Ratio</b>	230:1 (typical)
<b>Brightness</b>	200 cd/m <sup>2</sup> (typical)
<b>LCD Response Time</b>	45ms (typical)
<b>Active Display Area</b>	14.1" x 11.3" (H x V)
<b>Video Interface</b>	Digital Flat Panel (DFP) MDR-20
<b>User Controls</b>	Front: Power (soft-power to power saving mode), brightness
<b>Plug &amp; Play</b>	DDC2B, USB
<b>USB (Universal Serial Bus)</b>	Self-powered hub: 1 upstream and 4 downstream ports
<b>Power Management</b>	EPA® Energy Star <sup>SM</sup> compliant, VESA® DPMS™ and TCO '99 (NUTEK)
<b>Power Supply (AC/DC Adapter)</b>	Input: Universal 100-240 V <sub>AC</sub> , 60/50Hz, 1.4A Output: 12V <sub>DC</sub> , 4.0A max.
<b>Power Consumption</b>	Normal: 48W, signal off (power saving): <5W
<b>Dimensions (WxHxD)</b>	With the base: 18.1" x 18.4" x 9.4" Panel only: 18.1" x 15.0" x 4.4"
<b>Weight</b>	Net: 22.0 lb. (10.0 kg), Gross: 27.5 lbs. (12.5 kg)
<b>Accessories</b>	Power cord, AC/DC adapter, MDR 26/20-pin signal cable, USB cable. Option: ATI Rage IT Pro, AGP/PCI-PC/PCI-Mac (DFP MDR-20, TV-out, 15 pin D-sub connectors)
<b>Video Cable</b>	1.8m (6 ft.) MDR 26-20-pin, detachable
<b>Compliance</b>	UL 1950, CUL(CSA), DHHS, TUV/GS, TCO' 99, CE, FCC-B, VCCI, EPA® Energy Star <sup>SM</sup>
<b>Warranty</b>	3 years on parts, 3 years on backlight, 3 years labor, 1st year 48-hour advance replacement*

## COMPARE DPP800 TO THE COMPETITION

	Princeton DPP800	Viewsonic VG180	Compaq TFT8000	NEC LCD1810
<b>LCD Panel Size</b>	18.1	18.1	18.1	18.1
<b>LCD Panel Type</b>	Active Matrix TFT-LCD	Active Matrix TFT-LCD	Active Matrix TFT-LCD	Active Matrix TFT-LCD
<b>Interface</b>	Digital	Analog	Analog	Analog
<b>Brightness</b>	200 cd/m <sup>2</sup> (typical)	150 nits	Not Available	200 cd/m <sup>2</sup> (typical)
<b>Contrast Ratio</b>	230:1	100:1	Not Available	150:1
<b>USB</b>	Yes	No	Yes	No
<b>Wall/Arm Mountable</b>	Yes	Yes	Not Available	Yes
<b>Warranty (parts, backlight, labor-yrs)</b>	3,3,3	3,1,3	3,3,1 on-site	3,3,3
<b>Standard 1st Year 48-hour Replacement</b>	Yes	No	Yes	No

©1999 Princeton. All brand names, trademarks and registered trademarks are the property of their respective owners. Comparison based on published information as of 4/1/99. Product features subject to change without notice. \*Continental U.S. only. Additional terms and conditions apply. This program applies to end-users only. This program is subject to the Princeton limited warranty and is subject to change without notice. Refer to the Princeton website at [www.prgr.com](http://www.prgr.com) or call 800-747-6249 for complete details.