

LG2000 Digital Projector

For QXGA (2048 x 1536) Resolution

To meet the ultra-high resolution requirements of today's presentation professional, Lasergraphics introduces the LG2000™ Digital Projector - the first and only 2048 x 1536 digital LCD projector offered today. Affordably priced, this new desktop model is designed to display highly detailed graphics, text, and photographs in virtually any classroom or conference room environment.

Special Features

Digital Resolution Expander™ (D-REX™) Technology - Using our exclusive D-REX Technology, (patent pending) the LG2000 Digital Projector delivers QXGA (2048 x 1536) resolution.

True Digital Connectivity - The LG2000 uses a proprietary PC CardBus card to interface to any computer with a PC card CardBus slot; practically all late-model laptops have such a slot, and desktop PCs can accept an adapter to provide the same CardBus slot.

Ultra-High Quality Digital Images - You are no longer dependent on your computer's built-in video card resolution. The LG2000 operates in the digital domain, the video board is not used at all, and the resolution is determined only by our proprietary software which runs in your computer.

True (24-bit) Color - Eliminates color banding and provides images with accurate shading and smooth gradient backgrounds. With True Color, you are no longer limited to the bit depth that is built into your computer. Thus, you can generate stunning, high-resolution digital images with photo-like image quality, vivid color, and razor-sharp text.

Contrast and Color Control - The LG2000 Digital Projector gives you the capability to adjust and control the contrast and color of your digital images right from the PC.

Bright Images - 1100 ANSI Lumens gives you crystal clear, easy-to-read text, graphics, and photographic images.

Performance Specifications

D-REX image processor performance - Over 4.8 billion (4,800 million) arithmetic operations per second.

Resolution - 2048 x 1536 color pixels.

Liquid crystal panel - TFT active matrix.

Lens - Power zoom 1:1.5 (F=2.3-3.0 f =48.1-72.1mm). Power focus.

Lamp - 150W UHB (Ultra High Brightness) lamp.

Brightness - 1,100 ANSI Lumens.

Contrast ratio - 200:1.

Speakers - 2W - 2W (stereo).

Projector power supply - AC100-120V, 5A/AC220-240V, 2.2A.

Projector power consumption - Approx. 250 W.

D-REX image processor platform power supply - AC100-240V, 47-63Hz, 1.7A

D-REX image processor platform power consumption - Approx. 72 W.

Projector operating temperature - 32°F - 95°F.

Dimensions:

Projector without D-REX image processor platform:

15.92 W x 6.38 H x 12.62 D

Projector with D-REX image processor platform:

15.92 W x 8.43 H x 12.62 D

Input signals - Digital video, VGA, S-VGA, XGA, S-XGA, MAC13", MAC16", MAC19", NTSC, NTSC 4.43, PAL, M-PAL, SECAM, & S-VIDEO.

Input / Output Terminals

Digital video input:

- **DIGITAL** Connects digitally to your PC via a proprietary CardBus card. Cable and card included.
- **AUDIO** Stereo mini jack.

RGB input signal terminal:

- **RGB** D-sub 15-pin shrink terminal (female). Plug and play capable.
- **AUDIO** Stereo mini jack.

RGB output signal terminal:

- **RGB** D-sub 15-pin shrink terminal (female).
- **AUDIO** Stereo mini jack.

Video signal input terminals:

- **S-VIDEO** Mini DIN 4-pin x 2.
- **VIDEO** RCA jack x 2.
- **AUDIO (L/R)** RCA jack x 2.

Projector Distance at Various Image Sizes

Image Size	Distance from projector to screen	
	Minimum	Maximum
30 x 40	70	108
45 x 60	105	163
60 x 80	140	217
75 x 100	175	271
90 x 120	210	325
112 x 150	262	406
150 x 200	350	542
All dimensions in inches.		

To see us is to believe us!



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Internet Site - <http://www.lasergraphics.com>

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