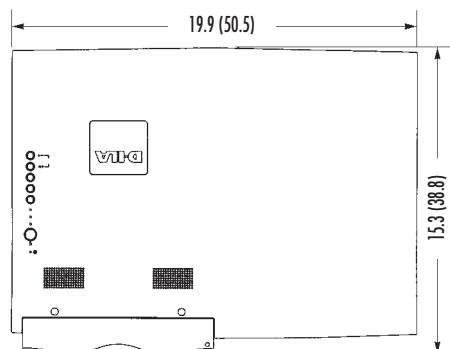


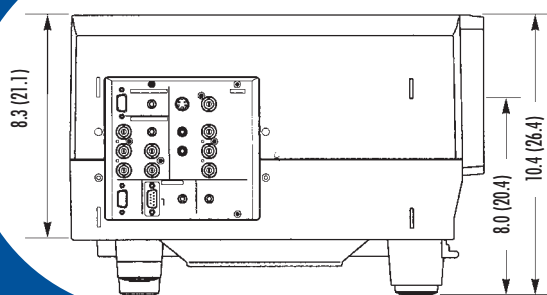
Model G2000 D-ILA™ Digital Graphics/Video Projectors

Hughes-JVC Technology Corporation

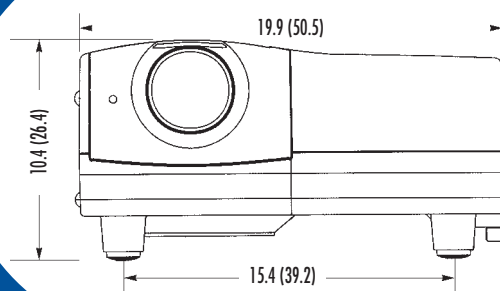
TOP



SIDE



FRONT



Units: inches (cm)

**DTV
Compatible**

480i, 480p,
720p, 1080i



The Best Picture in the Business™

NORTH AMERICAN SPECIFICATIONS

Imaging Device

Brightness

Uniformity

Contrast

Graphics Resolution (HxV)

Video Resolution

Digital TV Compatibility

Horizontal Frequency

Vertical Frequency

Color Reproduction

Light Source

Lamp Life

Projection Lens

Lens Shift/Offset

Throw Distance

Screen Size (width)

Audio

Inputs

Outputs

Communications Ports

Power

Size (HxWxL)

Weight

Accessories Included

G2000

3 D-ILA™ (0.9" diagonal)
Direct Drive Image Light Amplifiers

2000 ANSI Lumens

>85% (Edge to Center)

Greater than 350:1

1365x1024 (Native)

1000 TV Lines

480i, 480p, 720p, 1080i

15-82 kHz

50-78 Hz

16.7 million colors

550W Xenon Arc Lamp

1000 Hours

Motorized Zoom with Motorized Focus: 2:1-3:1

Fixed 50% Vertical

8.2' - 65.5' (2.5m - 20.0m)

2.8' - 34.7' (0.9m - 10.6m) at 4:3 Aspect Ratio

Built-in stereo speakers (1W + 1W stereo)

PC (mini D-sub 15 pin) x 1, RGBHV (BNC) x 1,
Y, Pb/B-Y, Pr/R-Y (BNC) x 1, Composite Video (BNC) x 1,
S-Video (mini DIN 4 pin) x 1

PC Monitor (mini D-sub 15 pin) and stereo audio (mini plug)

RS-232C x 1 and Stereo mini plug x 1 for remote/switcher control

100-120 VAC, 50/60 Hz, 850W

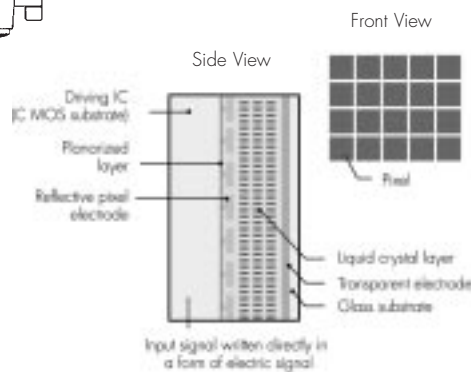
10.4"x19.9"x15.3" (26.4cm x 50.5cm x 38.8cm) excluding lens

38.1 pounds (17.3 kg)

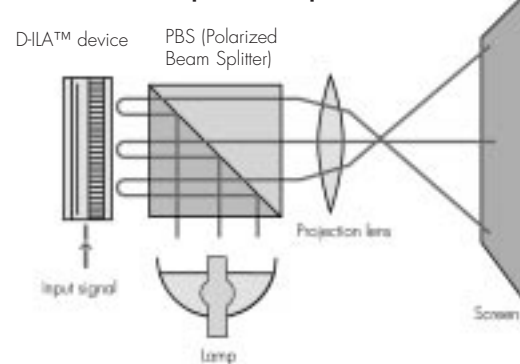
Operation Manual, Wireless Remote Control, Cables & Adapters for PC & AV Connections, AC Power Cord

Specifications subject to change without notice.

D-ILA™ Device Structure



D-ILA™ Operation Principle



The light from the xenon lamp travels through a polarized beam splitter, reflects off the D-ILA™ device, passes through the projection lens and creates a high-quality image on the screen.

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Ref: GEN-NA-G2000 October 20, 1999

Model G2000

D-ILA™ Digital Graphics/Video Projectors

Hughes-JVC Technology Corporation

The sleek, stylish new G2000 takes video and data projection to a higher level of performance. Thanks to D-ILA technology, this projector delivers superb color reproduction, outstanding contrast levels and the smoothest, most natural picture you'll ever see from a digital projector. Plus, with convenient features like Quick Align, setup is always fast and hassle-free.

The G2000 is ideal for professional applications that require picture-perfect reproduction of high-resolution computer graphics, CAD images or high-definition television. Even in a well-lit environment, its true SXGA resolution and 2000 ANSI lumens of light output ensure projected images that maintain excellent text legibility and the finest details. With its powerful performance, the G2000 is the perfect choice for boardrooms, conference rooms, universities, tradeshow and video theater systems.



**2000 ANSI Lumens
True SXGA Resolution**

Proprietary D-ILA™ Technology

The D-ILA device, JVC's own development, is a unique 0.9" diagonal reflective CMOS chip which is addressed digitally by the source signal. Packing 1.4 million pixels onto the chip with a tiny 13.5 micron pitch between pixels produces a very smooth, silky image. This high pixel density also results in a higher aperture ratio than any other matrix device, providing efficient light collection for higher brightness. In addition, the vertical alignment of the D-ILA's liquid crystal layer provides the projected image with superior contrast ratios.

Industry Leading Performance

The use of a polarization combiner and redesigned integrator optics, as well as the new short arc 550W Xenon lamp, provides the G2000 with outstanding brightness of 2000 ANSI lumens, as well as corner-to-corner uniformity. The G2000 also features a contrast ratio greater than 350:1, video resolution of 1000 TV lines and graphics resolution of 1365x1024 (SXGA at 4:3 aspect ratio). The G2000 has it all: brightness, color, contrast, resolution and ease of use. With this much performance in such a small package, it's the ideal choice for a wide range of both portable and fixed installation applications.

Multimedia Capability

The G2000 faithfully reproduces images at VGA (640x480), SVGA (800x600) and XGA (1024x768) resolutions; SXGA images projected without conversion at 1280x1024; and signals from VCRs, DVDs and broadcast sources including digital television. With the highest graphics resolution of any matrix device at 1365x1024, and full HDTV compatibility, you'll never have to worry about projector obsolescence. And our innovative Adaptive Digital Pixel Conversion technology assures optimal pixel conversion from a wide range of input signals from 15kHz to 82kHz. Plus, the G2000 offers both a wide selection of pre-set channels and custom user-programmable channels for flexibility and ease of use in even the most specialized applications.

Natural Color Reproduction

Improved 10-bit Digital Gamma Correction circuitry provides smoother, more accurate gray scale and color reproduction. And the use of a Xenon arc lamp provides illumination that closely matches the spectrum of natural light. Both are critical for all your images, from subtle skin tones in video theater screenings to the complex coloration of workstation graphics.

Variable Mounting Positions

The projector may be mounted on the ceiling or tabletop in either upright or inverted position, front or rear projection, while the quick-release front feet provide for easy adjustment. And the G2000's 2:1-3:1 motorized zoom lens provides the ability to freely determine the throw distance for a given screen.

Quick and Easy Setup

The G2000 provides point-and-shoot single lens construction, remote control capability, comprehensive on-screen menus and a Quick Align feature, which automatically sets up the projector in a matter of minutes. Like all D-ILA projectors, it gives you optimal performance and user-friendly operation right out of the box.

**DTV
Compatible**

480i, 480p,
720p, 1080i



The Best Picture in the Business™