DIGITAL PROJECTION

POWER 8gv

With a single objective in mind…

Digital Projection, determined to revolutionize the large screen projection market, has implemented extraordinary technologies to engineer *POWER*, *THUNDER*, *LIGHTNING* & *HIGHlite* Displays, a range of large venue projectors with exceptional imaging capabilities and inspired operational simplicity.

Perfectly suited for staging, entertainment, business, education, simulation, religion, command and control and broadcast environments, no other imaging technology approaches the visual beauty and operational simplicity of projectors by Digital Projection.

At over 7,500 ANSI lumens and XGA native resolution, the ***POWER* 8gv** produces dazzling projected images for any application. The astonishing brightness of the projector is complemented by a palate of more than 1 billion colors, absolute grayscale tracking and luminance uniformity greater than 90%. The on-screen results are engaging video, HDTV and computer imagery with an inherent "film-like" appeal.

The ***POWER* 8gv** delivers these outstanding performance benefits:

- Super-high-brightness of 7,500 (±10%) ANSI lumens.
- 450:1 On to Off Contrast, 250:1 ANSI Contrast produces deep blacks and rich detail (±10%).
- Greater than 90% luminance uniformity for visually "flat" imagery with no hot-spots.
- Source compatibility up to 1280 x 1024 pixels provides broad computer display flexibility.
- XGA native resolution of 1024 x 768 for exceptional on-screen detail.
- Dynamic HDTV compatibility including 1080i, 720p and 480p for advanced standards display.
- Multi-format serial digital input.
- State of the art composite video decoding technology by Faroudja Laboratories.
- Advanced signal processing and image resizing (formerly developed by a division of Cintel International which was acquired by Digital Projection in August 2000).
- Solid state digital stability and factory preset convergence for fast and simple alignment.
- Motorized and programmable lens mount with horizontal and vertical shift provides broad installation agility.
- Integrated light shutter, handles, stacking and rigging points.

Expert Technology, Impeccable Support…

The miracle of the DMD by Texas Instruments: Digital Light Processing™ (DLP™) is characterized by a 3-chip Digital Micromirror Device (DMD) design, the image modulator at the heart of every ***POWER*** Display. Digital Projection selected this imaging technology back in 1989, after our extensive analysis demonstrated the DMD's potential to accurately reflect individual pixels of light. Since then, Digital Projection engineers have worked closely with Texas Instruments, solving the challenges of the DMD and magnifying its performance for large-venue projection applications.

Customer Support Designed Around You: High performance products deserve equally superior services. Digital Projection's technical support team is available for detailed examination of your *POWER, THUNDER, LIGHTNING* and *HIGHlite* Displays around the clock, any day of the week. We understand the importance of "up-time" and strive to make simple work of often complex issues. We train our support technicians in the latest innovative techniques to help you achieve maximum performance from your venue. Our focus is always on you and your business.

Comprehensive Resources For Performance-Driven Companies: As your business grows, we are committed to providing programs that meet your needs. From our monthly training classes and our diverse and useful Web site (www.digitalprojection.com) to our quarterly newsletter, *POWER* News, and application engineering services, we hold an ambitious charter for you to excel in the integration of your *POWER*, *THUNDER*, *LIGHTNING* and *HIGHlite* Displays. When your applications change, we strive to react with pragmatic programs developed for unmatched customer attention.

Our Only Interest is Your Image.

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Technical Specifications

Brightness:	7,500(±10%) ANSI Lumens
Brightness Linearity:	>90% (±10%) edge to center
Contrast Ratio:	>250:1 ANSI Checkerboard (±10%) >450:1 Full Field (±10%)
Display Type:	3 x DMD (one per R, G & B)
DMD Specification:	1024 x 768 pixel 16.3um x 16.3um pixel size 17um x 17um pixel pitch 17.4mm x 13.1mm DMD size
Fill Factor:	92% pixel fill factor (±10%)
Input Specification:	3 independently configurable inputs -- selectable via remote control.
	BNC connectors. NTSC, PAL, SECAM, HDTV (1080i/24p,720p, 480p), VGA, SVGA, XGA, SXGA, MAC
	multi-format serial digital input
RGBS:	RGB = 700 mV/75R
	S = 0.7V-5V
	Sync on G-separate H&V
	Composite sync auto select
Component Video:	Y = 700 mV+300 75R
	Pr, Pb = 700 mV p-p/75R
Y/C (S video):	Y = 700 mV+300 75R
	C = 300 mV p-p/75R
Composite Vdideo:	1 V p-p/75R advanced video decoding
Computer:	H = 15 kHz to 90 kHz
	V = 24 Hz to 140 Hz
Remote Control:	Addressable remote control. IR receivers front and rear, optional hardwire link to handset
Automation:	RS232 input / output loop through
	(1) 9 Pin D type
Switcher:	Video ouput RS232 9 Pin D type
Lamp Type:	Proprietary Xenon Arc, Cermax
Mounting:	Floor mount standard. Flying frame,
	rigging frame and stacking frame
	optional.
Lens Mount:	Motorized focus, horizontal and vertical lens shift accessed via remote control
Lens Options:	0.8:1 Ultra short throw
	1.5 - 2.5 : 1 Zoom 2.5 - 4.0 : 1 Zoom 4.0 - 7.0 : 1 Zoom
	7.0 - 15.0 : 1 Zoom
Physical Dimensions:	373mm (14.7”) height 660mm (26”) width 976mm (38.5”) length
Weight (chassis only):	91 Kg (200 lbs)
Power Requirements:	208-240 VAC, 50/60Hz
	3000 Watts

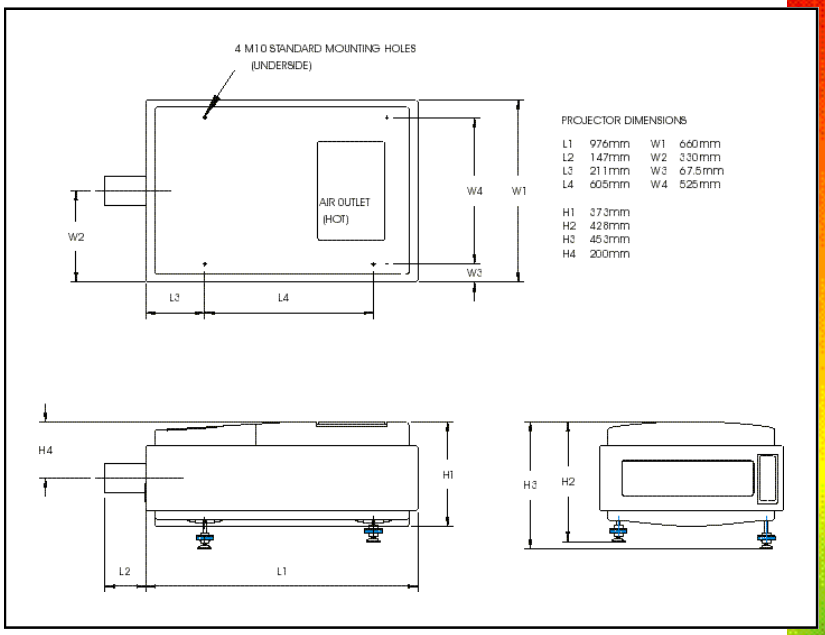
Design flexibility in, and complexity out…

To manage the mechanical complexities of diverse applications, Digital Projection developed a motorized lens mount, capable of providing extensive vertical and horizontal lens shift. When combined with our broad and flexible range of lens options and system accessories, the ***POWER* 8gv** can be mechanically integrated to solve nearly any application challenge.

The simplicity of our design is further exemplified by the remarkable alignment stability of *POWER, THUNDER*, *LIGHTNING* & *HIGHlite* Displays. Factory preset convergence, exacting and stable color reproduction, digitally accurate image uniformity and user friendly on-screen menus ensure simple and confident setup and minimal maintenance, for even the most challenging large-screen applications.

Seeing is Believing…

Specifications alone cannot tell the full story. The true beauty of a ***POWER*** Display comes to light when it is performing in your application. Ask us your toughest questions, study our customer service philosophy and experience a *POWER, THUNDER, LIGHTNING* or *HIGHlite* Display for yourself. From our beautiful imagery, installation flexibility and customer service, you too will agree…at Digital Projection, our only interest is your image.



January 1, 2002

DLP™
A TEXAS INSTRUMENTS TECHNOLOGY