

# JVC

**DLA-SH7NLG**  
Visualization Series Projector

The Perfect Experience / —



**10 Mega-Pixel  
Display**

**4096x2400  
Native Resolution**

**5000  
ANSI Lumens**

- **Dual UHP Lamp System**
- **High Brightness**
- **Reduced Operating Cost**

**Super Contrast  
10,000:1**

## ● Features

- 4096x2400 Pixels, 11% more Vertical Resolution & Pixels than other 4K devices
- 3 Active Matrix D-ILA Devices(1.27" Diag)
- Light Output: 5000 ANSI Lumens (2-lamps)
- Contrast Ratio - 10,000:1 (typical)
- Dual 330W UHP Lamps, Single or Dual Lamp Operation
- RGB Convergence in 1/10 pixel increments
- Input via 4xDVI-D, Dual Link
- Communication - 100BaseT Ethernet, RS-232C, USB
- Noise Level 50dB (A) at 39.4"/1m (3.3ft) (0-26°C, 32-79°F)

## ● Applications

- Simulation and 3D Display
- Immersive Displays (such as CAVE)
- Planetariums
- Theme Parks
- Staging/Rental
- Ultra-high Resolution Command/Control
- Ultra-high Resolution Medical Imaging
- Advanced Visualization

## Specifications

<b>Image Device</b>	3 D-ILA® devices (1.27 inches diagonal) 6.8um Pixel Pitch 0.25um Pixel Gap >93% Aperture Ratio
<b>Brightness</b>	5000 ANSI Lumens (2500 Lumens, Single Lamp)
<b>Resolution</b>	4096 x 2400 Pixels (17:10 Aspect Ratio )
<b>Contrast Ratio</b>	10,000:1 (Sequential)
<b>Uniformity</b>	Greater than 80%
<b>DVI Input - Supported Resolutions</b>	4096x2400, 4096x2160, 3840x2400, 3840x2160, 2048x1200, 2400x1080, 1920x1080, 1920x1200,1600x1200, 1280x1024, 1024x768, 800x600, 640x480
<b>DVI Clock</b>	165MHz (single link), 330MHZ (dual link)
<b>Latency</b>	10ms in 4-stripe mode
<b>Color Bit Depth</b>	8 bits maximum single link DVI 12 bits maximum dual link DVI
<b>I/O Terminals</b>	DVI-D (dual link) x 4 w/HDCP Support Ethernet, RJ45 x 1 USB, Type B (slave) x 1 RS-232C, D-Sub 9 pin (male) x 1
<b>Remote Control</b>	Integrated Web Browser Interface, RS-232C Fully featured control protocol
<b>Projection Lens (optional)</b>	1.1:1 Fixed lens, ±15% V offset and ± 5% H offset 1.5-1.85:1 Zoom lens, ±50% V and ±25% H offset 2.0-5.0:1 Zoom lens, ±50% V and ±25% H offset
<b>Lamp (user replaceable)</b>	2 ea. 330W, UHP, Dual or Single Lamp Operation 2-Step Power Control (80%-100%) Lamp Model - PK-L3310U
<b>Lamp Life</b>	Average 2000hrs at 100%, 3000hrs at 80% output
<b>Power Requirement</b>	AC 100V-120V, 200V-240V, 50/60Hz (single phase)
<b>Power Consumption</b>	1100 Watts Maximum Max 10.0A, AC 110V-120V Max 5.5A, AC 200V-240V
<b>Noise Level (0-26°C, 32-79°F)</b>	50dB (A) at 39.4"/1m (3.3ft)
<b>Operating Altitude</b>	<2000 meters for safe operation <1500 meters for guaranteed performance
<b>Installation Orientation</b>	Vertical ±90 degrees, Horizontal ±5 degrees
<b>Airflow Requirements</b>	3 m <sup>3</sup> per minute minimum
<b>Dimensions ( W x H x D )</b>	26.1" x 14.25" x 31.25" (660 x 342 x 783 mm)
<b>Weight</b>	112lbs, Without Lens
<b>Supplied Accessories</b>	English Instruction Manual Power Cord
<b>Approvals</b>	<b>Safety</b> - CSA C22.2 No.60950-1-03, UL60950-1, IEC60950-1 (EU) <b>EMI</b> - FCC part 15 Class B(US), ICES-003 Issue 4, 2004(CAN), VCCI Class A (JP) EN55103-1, EN55103-2 E4 (EU), AS/NZS CISPR22 2006 Class A (Australia) <b>Environmental</b> - RoHS, Proposition 65 (US), WEEE Battery directive REACH (EU)
<b>Warranty</b>	One-year Parts and Labor (per JVC Limited Warranty)

# JVC

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**JVC PROFESSIONAL PRODUCTS GROUP**  
**JVC U.S.A.**

1700 Valley Road, Wayne, NJ 07470  
Tel: 973-317-5000, 800-526-5308 FAX: 973-317-5030  
www.jvc.com/pro

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# D-ILA™