

JVC

LX-UH1B/W

4K DLP Projector



The JVC LX-UH1 4K HDR DLP Projector features a compact design and wide lens shift for easy installation. Connect any 4K 60P source through the HDMI/HDCP 2.2 compatible input and enjoy HDR content that takes the viewing experience to a whole new level.

- 2,000 Lumens High Brightness (RGBRGB 6-segment)
- Newly developed 0.47" TRP DMD technology provides 4K (3840x2160) resolution
- 100% Rec. 709 color space (BT.2020 compatible)
- Wide lens shift range (V +/- 60%, H +/- 23%)
- Lens: 1.6x Wide Zoom (1.36:1 - 2.18:1)
- HDR compatibility (HDR10 & Hybrid Log-Gamma)
- Automatic Aperture available with HDR10 content
- Three selectable HDR gamma curves (Low, Mid, High)
- 18Gbps HDMI/HDCP 2.2 Compatible Input (*HDMI-1 only*)
- Electronic Keystone +/- 30% (*Vertical only*)
- Control: RS-232C / 12V Screen Trigger Output
- Compact design: 13.1"L x 13.1"W x 5.3"H, 10.2 lbs.
- 1 Year Parts and Labor Warranty

Specifications

LX-UH1B/W	
Imaging Device	0.47" TRP DMD
Resolution	3840 x 2160 (TRP)
Brightness (Max)	2,000 Lumens
Contrast Ratio	100,000:1 (Dynamic)
Color Space	100% of Rec. 709 (BT.2020 Compatible)
Light Source	NSH 240W Lamp (PK-L2417U)
Lamp Life	4,000 Hours (10,000 Hours/Eco Mode)
Lens	1.6x (Manual Zoom and Focus)
Throw Ratio	1.36 - 2.18:1
Lens Shift	V: +/-80% H: +/-23% (Manual)
HDR	Yes (HDR10, Hybrid-Log Gamma)
Terminals	HDMIx2, Max. Resolution 3840 X 2160 4K 60p (4:4:4 8bit / 4:2:2 12bit (18Gbps) HDMI-1 Only, HDCP2.2, Computer In, USB Mini-B(for Service), RS232, USB type A (Power Supply), 12V trigger
Dimension (W x D x H)	13.1" x 13.1" x 5.3" (w/Feet and Lens)
Weight	10.2 lbs.

Newly developed TRP DMD Device

DMD (digital micromirror device) is a digitally controlled micro-opto-electromechanical system (MOEMS) spatial light modulator (SLM). When coupled to an appropriate optical system, the DMD displays a very crisp, high resolution image or video.

18Gbps HDMI Input with HDCP2.2

JVC incorporates the latest HDMI/HDCP2.2 standard allowing HDCP2.2 copy protected devices to be connected via the HDMI-1 input.

HDR10 & Hybrid Log-Gamma

The LX-UH1 supports 100% of Rec. 709 color space (BT. 2020 compatible) and displays HDR content with high contrast and bright vivid images.

Hybrid Log-Gamma is an additional HDR Gamma mode that is used for live broadcast or streaming events.

General Cinema Image



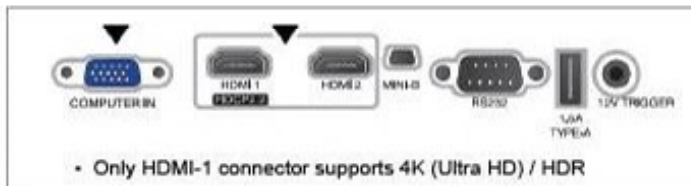
HDR Compatible Image



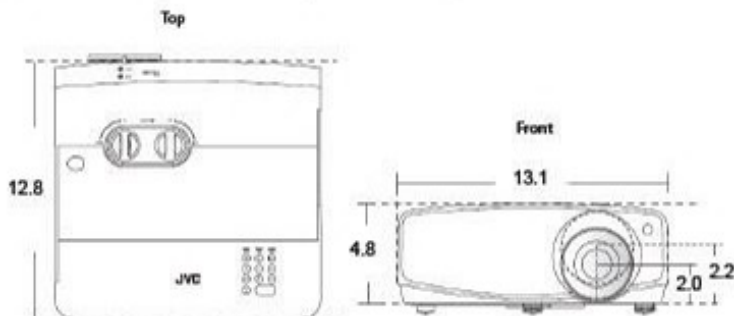
HDR Compatibility

When an HDR10 signal is detected the system will automatically change to HDR mode. User manually chooses one of the three different tone mapping settings ("Low", "Mid" or "High").

Connectors



External Dimensions (unit: inches)



Notice - Specifications are subject to change without notice.

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Throw Distance

Screen Size Diagonal (Inch)	Size of projected image				Throw Distance (16:9)			
	Height		Width		Wide		Tele	
	Inch	cm	Inch	cm	Inch	cm	Inch	cm
95	47	118	83	210	112	285	180	456
100	49	125	87	221	118	300	189	480
120	59	149	105	266	142	360	227	576
150	74	187	131	332	177	450	283	720
180	88	224	157	398	213	540	340	864
200	98	249	174	443	236	600	378	960