



LX-UH1B/W

4K UHD DLP Projector

**4K
UHD**

DLP™
A TEXAS INSTRUMENTS TECHNOLOGY



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.

- 2000 Lumens High Brightness (RGBRGB 6-segment)
- Dynamic Contrast of 100,000:1
- Newly developed 0.47" TRP DMD technology provides 4K (3840x2160) resolution
- 100% Rec. 709 colour space (BT.2020 compatible)
- Wide lens shift range (V +/- 60%, H +/- 23%)
- Lens: 1.6x Wide Zoom (1.36 - 2.18:1)
- HDR compatibility (HDR10 & Hybrid Log-Gamma)
- Automatic Aperture available with HDR10 content
- Three selectable HDR10 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.
- Lamp Life: 4,000hrs (Normal), 10,000hrs (Eco)
- 2 Years Parts and Labour Warranty

Specifications

| LX-UH1B/W | |
|-----------------------|---|
| Imaging Device | 0.47" TRP DMD |
| Resolution | 3840 x 2160 (TRP) |
| Brightness (Max) | 2000 Lumens |
| Colour Space | 100% of Rec. 709 (BT.2020 Compatible) |
| Light Source | NSH 240W Lamp (PK-L2417U) |
| Lens | 1.6x (Manual Zoom and Focus) |
| Throw Ratio | 1.36 - 2.18:1 |
| Lens Shift | V: +/-60% 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



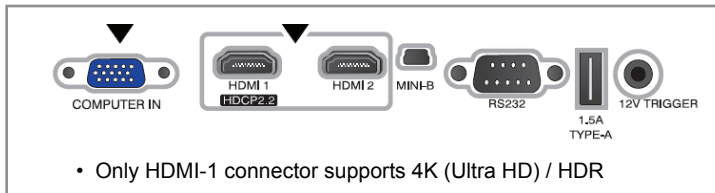
HDR Compatible Image



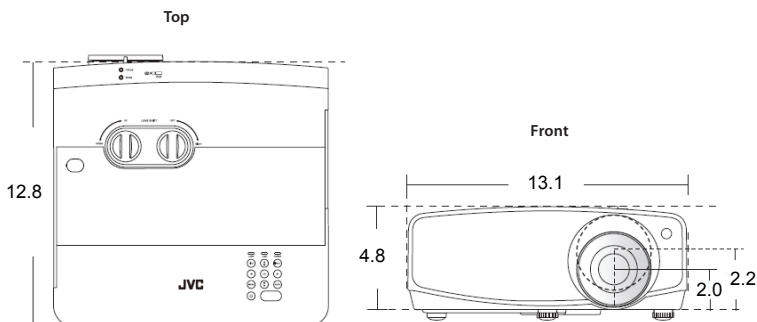
HDR Compatibility

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)



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 |

Notice - Specifications are subject to change without notice.

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