

# JVC

DLP Projector  
**LX-UH1**



**Big-screen 4K Home Projector  
with a Space-saving Design**

**4K**  
UHD

**DLP**  
TEXAS INSTRUMENTS

**HDR**  
High Dynamic Range

## High-performance 4K UHD/HDR home theatre projector with compact design and wide lens shift for easy installation

Video projectors have come a long way – and none more so than JVC's new compact LX-UH1, which punches well above its weight, delivering vibrant 4K HDR images that are stunningly realistic. And there's no need to always pull the curtains thanks to its 2,000-lumen output. The LX-UH1 is ideal for all your broadcast, streaming and BD viewing.

### LX-UH1

#### 4K-resolution DLP Projector



- Dynamic contrast ratio: 100,000:1
- Brightness: 2,000 lm
- Compatible with HDMI standards (4K/60P 4:4:4) and HDCP 2.2
- Available in 2 colours (black and white)



LX-UH1B



LX-UH1W

## Easy Installation

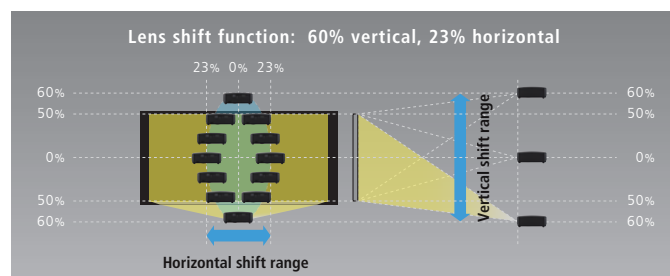
### Compact Design for Installation Convenience



This small projector produces big 4K images despite its compact dimensions: just 33 cm by 33 cm, and less than 13.5 cm high\*. The space-saving LX-UH1 can thus be installed wherever is most convenient, hanging from the ceiling or placed on a shelf.

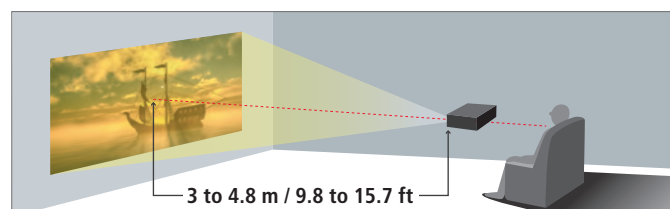
\*Approx. 13" by 13", and 5.3" in height

### Wide Lens Shift Function: $\pm 60\%$ Vertical, $\pm 23\%$ Horizontal



A compact design facilitates projector installation – but if lens shift is insufficient it may require keystone adjustment, which can degrade picture quality. There are no such worries with the LX-UH1, however, as it features a wide lens shift:  $\pm 60\%$  vertically and  $\pm 23\%$  horizontally.

### 1.6x High-resolution Lens



The LX-UH1 features a 1.6-times zoom lens. For a typical 100-inch picture size, the projector would be installed between 3 and 4.8 m / 9.8' and 15.7' from the screen – an added convenience when space is at a premium. Refer to Projection Distance Chart on the back of the brochure for more.



# Top-tier Technologies

## Newly Developed 0.47-inch DMD for Bright High-definition 4K Images

4K resolution (3840 x 2160 pixels) is four times full HD resolution. As 4K content rapidly becomes mainstream for broadcasting, streaming and optical discs, you can be sure that the LX-UH1 will make the most of it, providing a bright, vibrant picture with all the detail. Impressive colour reproduction almost makes you feel immersed in the scenes unfolding on the screen.



## Bright Picture and 100% Coverage of Rec. 709



Viewing movies, broadcast and other content in a room that's well lit can be difficult with a conventional projector. But despite its compact size, the LX-UH1 offers brightness of 2,000 lumens thanks to a highly efficient lamp system. And 100% coverage of the Rec. 709 gamut means you enjoy beautiful colour rendition.

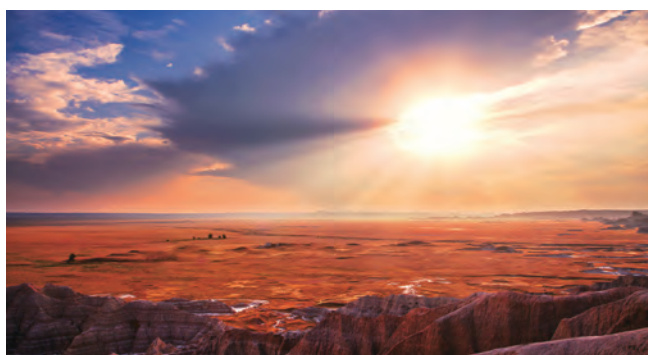


100% Rec. 709 coverage



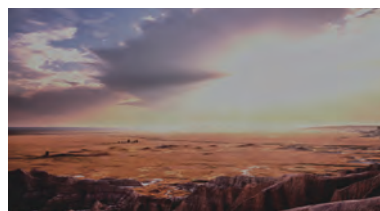
Without Rec 709 support

## HDR (High Dynamic Range) for More Realistic Image



HDR image

High Dynamic Range (HDR) is a technology to accurately reproduce realistic, dynamic images in which finer gradations and colors are clearly visible, even in the lightest and darkest areas of the picture. The LX-UH1 supports both HDR10 for UHD BD content and Hybrid Log Gamma (HLG) for broadcast signals.



Conventional SDR image

## Full 4K Support with HDCP2.2



The LX-UH1 is compatible with full-spec 4K input at 18Gbps throughput – supporting 4K/60p 4:4:4/36bit, 4K/60p 4:2:2/36bit, and 4K/24p 4:4:4/36bit signals – for more vivid colours and subtle gradations. What's more, HDCP2.2 compatibility means that this projector supports the latest video-streaming services and copyright-protected content such as UHD Blu-ray discs.

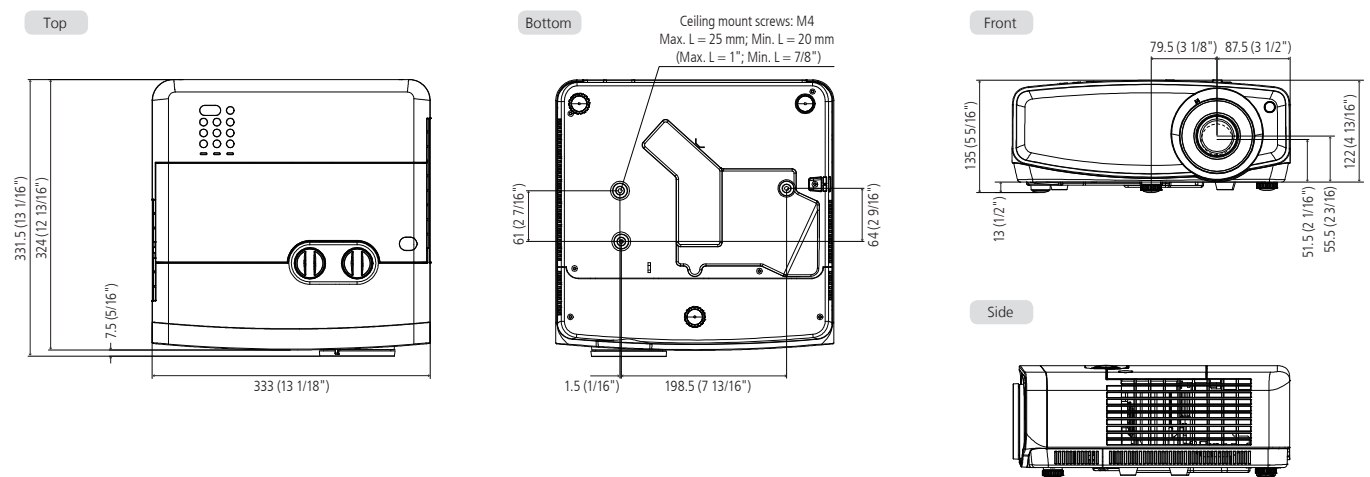
## Specifications

Device	0.47" DMD (1920 x 1080)	
Resolution	3840 x 2160	
Lens	1.6x manual zoom/focus lens; f=14.3 – 22.9 mm, F 1.809	
Lens shift	Manual; Vertical ±60%, Horizontal ±23%	
Projection display size	60 – 200 inch	
Light source lamp	NSH 240W; Lamp life: Approx. 4,000 hours (Normal mode), Approx. 10,000 hours (Eco mode)	
Brightness	2,000 lm	
Contrast ratio	Dynamic: 100,000:1	
Input terminals	HDMI	2 (HDCP2.2 x1, HDCP1.4 x1)
	PC	1 (D-sub 15pin)
Output terminals	USB Type A	1 (Power supply 5 V/1.5 A)
	Trigger	1 (Mini jack, 12 V/0.1 A)
Control terminals	RS232C	1 (D-sub 9pin)
	USB Type B (mini)	1 (for service)
Power consumption	370 W (Standby: 0.5 W)	
Fan noise	29 dB/33 dB (Eco/Normal)	
Power requirement	AC 100 – 240 V, 50/60 Hz	
Dimensions (W x H x D)	333 x 135 x 331.5 mm/13-1/8" x 5-5/16" x 13-1/16"	
Weight	4.8 kg/10.56 lbs.	

## Optional Accessory

Replacement Lamp: **PK-L2417U**

## External Dimensions Unit: mm (inch)



• DLP, the DLP logo, and DMD are registered trademarks of Texas Instruments. • HDMI, the HDMI logo and High-Definition Multimedia Interface are registered trademarks of HDMI Licensing LLC. • All other brand or product names may be trademarks and/or registered trademarks of their respective owners. • An additional payment is required for installation of the projector or a new lamp, if necessary. • All pictures in this brochure are simulated. • Design and specifications are subject to change without notice. • Any rights not expressly granted herein are reserved.

Copyright © 2018, JVCKENWOOD Corporation. All Rights Reserved.



DISTRIBUTED BY

www.jvc.eu  
www.jvc.net/asia

## Projection Distance Chart

Screen diagonal (inch)	Display size (16:9)		Projection distance	
	Width (inch)	Height (inch)	Wide (inch)	Tele (inch)
60	52	133	29	75
70	61	155	34	87
80	70	177	39	100
90	78	199	44	112
100	87	221	49	125
110	96	244	54	137
120	105	266	59	149
130	113	288	64	162
140	122	310	69	174
150	131	332	74	187
160	139	354	78	199
170	148	376	83	212
180	157	398	88	224
190	166	421	93	237
200	174	443	98	249

\*Projection distances are design specifications accurate to ±5%.

## Connectors

