

**JVC**



DLP Projector  
**LX-NZ30**



**Expand**  
*your* **Excitement.**



**4K**  
UHD

**DLP**  
TEXAS INSTRUMENTS

**HDR**  
High Dynamic Range

**BLU**Escent



From high-definition 4K/HDR to large-screen gaming, bring bright and smooth images to your living room. Broaden your applications and enjoyment.

Enjoy 4K/HDR movies, streaming video, and high frame rate gaming right in your living room with the LX-NZ30, featuring BLU-Escent, a laser light source that delivers 3,300-lumen brightness and a long 20,000-hour life, as well as support for high frame rate input at up to 2K 240Hz. The new model, which is full of projection technologies, broadens your usage and enjoyment of large-screen home theater projection.

DLP Projector

LX-NZ30



BLU-Escent

- BLU-Escent laser light source: brightness of 3,300lm and long life of approx. 20,000 hours
- Full of big-screen gaming features: Low latency, 4K60Hz/2K240Hz signal support and more
- Rich input terminals: HDMI (HDCP2.3 compliant) x 2, DisplayPort, USB
- Highly flexible installation is possible with wide lens shift (60% vertical, 23% horizontal) and zoom (1.6x)
- Geometric correction functions realize easy and flexible installation
- Available in black and white



**BLU-Escent**

Bright and Real High-definition Images Right in Your Living Room

The LX-NZ series has always delivered high-quality images even in environments where light cannot be completely shut out, but the new LX-NZ30 features an even brighter blue laser diode light source, BLU-Escent which combines high brightness of 3,300 lumens with a long life of 20,000 hours to enable enjoyment of 4K images even in brighter environments. This brighter light source also improves peak brightness when projecting HDR content, allowing users to enjoy more realistic images with a wider range of sensations.

Dynamic Light Source Control for Realistic Image Reproduction

Laser light sources can control light output instantaneously, enabling dynamic brightness adjustment with minimal delay. The Blu-Escent laser light source enables control of laser output optimized according to the brightness of each scene, reproducing images that resemble human perception.

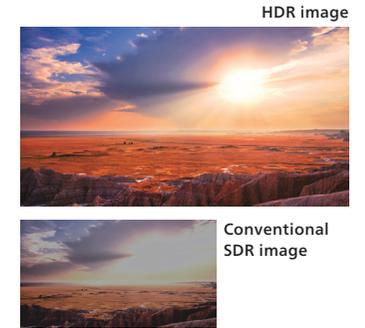
## Bright and Colorful 4K Images

The bright DLP projection system featured on the LX-NZ30 uses a 0.47-inch DMD device to display 4K resolution (3840x2160), which is four times higher than Full HD (1080P), in full detail. The bright, vividly colored, high-definition 4K images allow viewers to enjoy a sense of presence and depth as if actually being there in the same place.



## Automatic Detection of HDR Signals to Deliver Realistic and Dynamic High-Definition Images

In addition to the HDR10 format used in Ultra HD Blu-ray™ and streaming services, the LX-NZ30 also supports the HLG (Hybrid Log Gamma) format used in broadcasting and other applications. When each of these signals is detected, the projector automatically switches to the optimal picture quality mode to project high-quality, realistic, dynamic images.



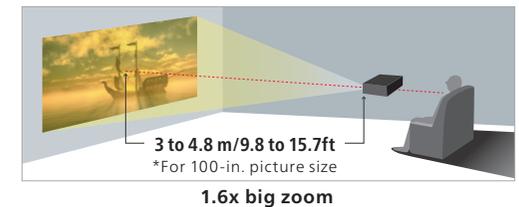
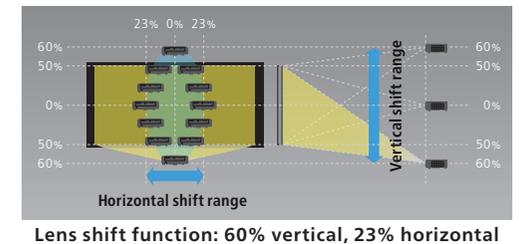
## High Frame Rate and Low Latency for Large Screen Gaming on Screen Sizes Well Beyond 100 Inches

To support high frame rate content beyond conventional 60Hz, the system supports up to 2K 240Hz input. What's more, when the projector is set to the low latency mode, latency is less than 1.5 frames (at 4K60Hz). This enables smooth, low-lag images even on screens much larger than 100 inches, offering large-screen gaming as a new way to enjoy home theater. In addition, the DisplayPort port allows for direct connection from a compatible PC.



## Installation Wherever You Want. Let the Wide Lens Shift and 1.6x Zoom Do the Work.

Even in a room with limited space, the LX-NZ30 can be installed with a minimal footprint and maximum flexibility, from the ceiling to the shelf and just about anywhere in between. In addition to a wide lens shift range of 60% vertical and 23% horizontal, this projector is equipped with a 1.6x zoom that enables a projection distance of 3 to 4.8 m at 100 inches, making it flexible for a variety of installation environments without sacrificing image quality.



## Geometric Distortion Correction Further Enhances Ease of Installation

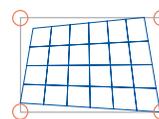
The LX-NZ30's lens shift and zoom functions enhance ease of installation, and it is now equipped with a new geometric correction function that corrects geometric distortions. In addition to trapezoidal correction for horizontal, vertical, and tilt adjustment, the LX-NZ30 is also equipped with corner adjustment for four-corner adjustment and warping correction for distortion correction that can be moved arbitrarily at cross points, enabling an even higher degree of flexibility in installation.

### ● Trapezoidal correction

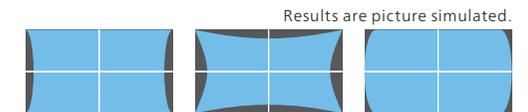
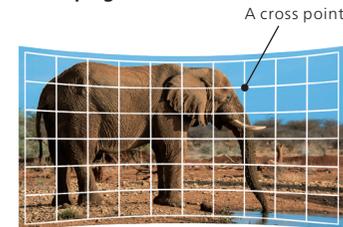


### ● Corner adjustment

Adjusts four corners



### ● Warping correction



The warping function allows projection of natural-looking images that match the form of the screen by moving the cross points of vertical and horizontal lines to correct distortions of the image when projected onto an uneven screen surface, as well as cylindrical or spherical surfaces.

## Specifications

Model	LX-NZ30	
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	BLU-Escent (Laser diode) (Life: Approx. 20,000 hours)	
Brightness	3,300lm	
HDR	Compatible (HDR10 / HLG)	
Input terminals	HDMI	2 (HDCP2.3 compatibility)
	DisplayPort	1
	USB*1	1
Output terminals	USB Type A	1 (Power supply 5 V/1.5 A)
	Trigger	1 (Mini jack, 12 V/0.1 A)
Control terminals	RS-232C	1 (D-sub 9-pin)
	LAN	1 (RJ-45, 10BASE-T/ 100BASE-TX)
Power consumption	360 W (Standby: 0.5 W)	
Fan noise	29 dB/34 dB (Eco/Normal)	
Power requirement	AC 100 – 240 V, 50/60 Hz	
Dimensions (W x H x D)	405 x 145.8 x 341 mm (15-7/8" x 5-3/4" x 13-1/2")	
Weight	5.9 kg (13.0 lbs.)	

\*1: Certified USB Type-C cable compatible with DP Alt mode is required for connection. Connection is enabled for cables with Type-C connector on both ends. Connection with all DP Alt Mode compatible devices is not guaranteed.

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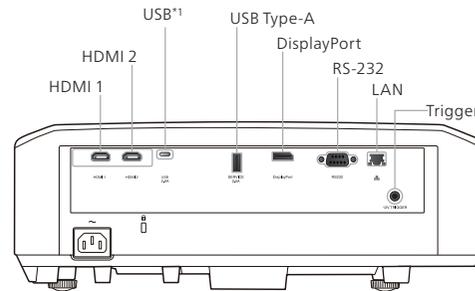
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## Projection Distance Chart

Screen diagonal (inch)	Display size (16:9)				Projection distance*2			
	Width (inch)	Height (inch)	Width (cm)	Height (cm)	Wide (inch)	Tele (inch)	Wide (cm)	Tele (cm)
80	70	39	177	100	94	151	240	384
90	78	44	199	112	106	170	270	432
100	87	49	221	125	118	189	300	480
110	96	54	244	137	130	208	330	528
120	105	59	266	149	142	227	360	576
130	113	64	288	162	154	246	390	624
140	122	69	310	174	165	265	420	672
150	131	74	332	187	177	283	450	720
160	139	78	354	199	189	302	480	768
170	148	83	376	212	201	321	510	816
180	157	88	398	224	213	340	540	864
190	166	93	421	237	224	359	570	912
200	174	98	443	249	236	378	600	960

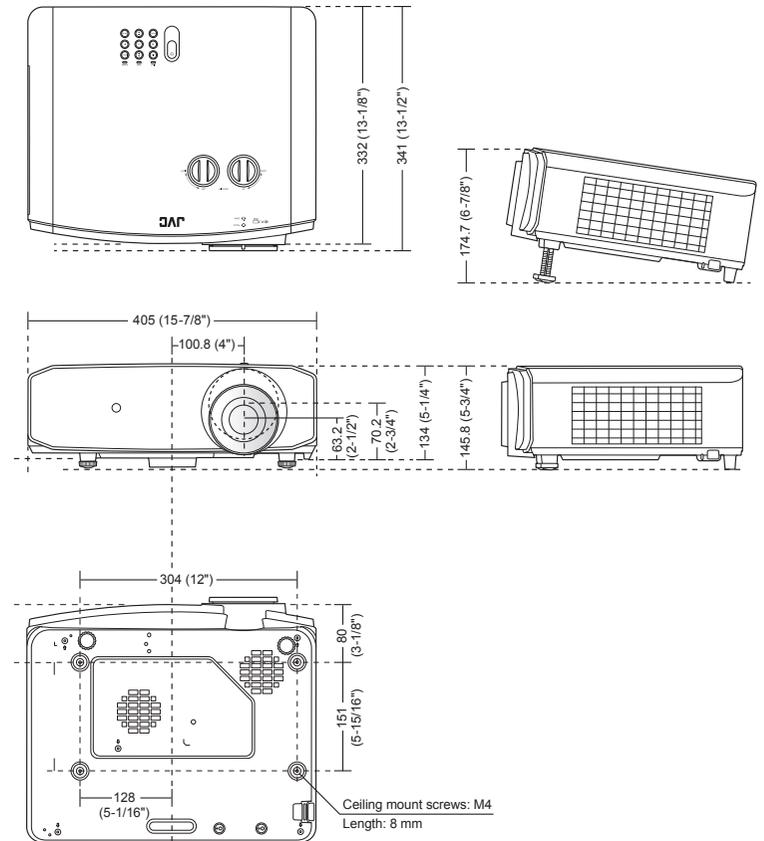
\*2: Projection distances are design specifications, so there is ±5% variation.

## Connectors



## External Dimensions (W x H x D): 405 x 145.8 x 341 (15-7/8" x 5-3/4" x 13-1/2")

Unit: mm (in)



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

For more information, scan or click on the QR code

PJC-22022EG

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