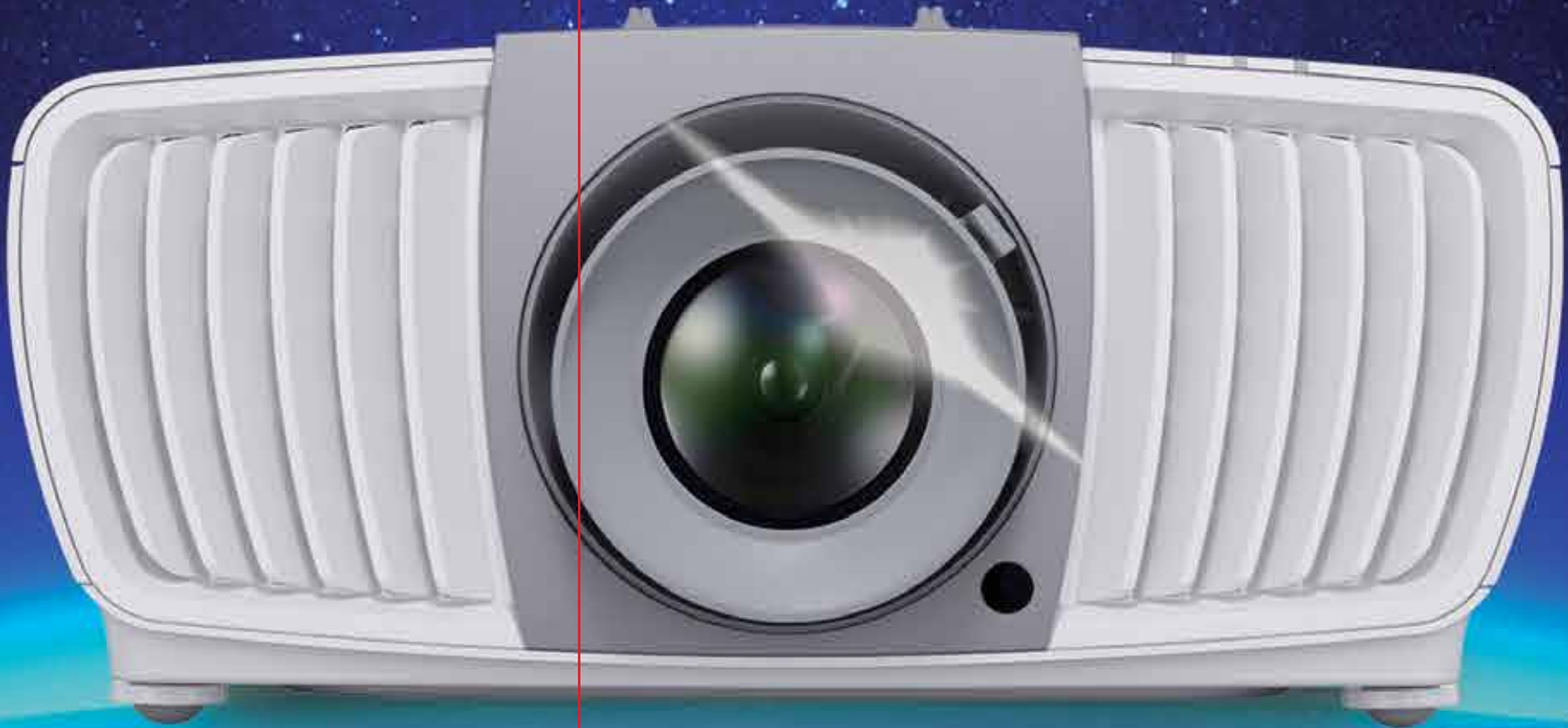


CASIO
PROJECTORS



4K Ultra HD Large Venue Projector

XJ-L8300HN

Bringing Large-Screen High Definition
Presentations to Large Audiences



LampFree
CASIO Green Technology

* Images shown are superimposed graphics.
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Casio’s First 4K Ultra HD Large Venue Projector

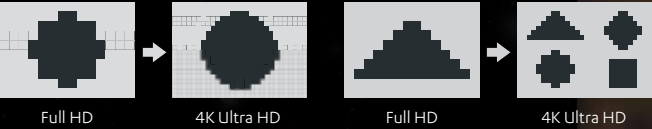
Casio has further strengthened its No. 1 position in theSolid State Illumination (SSI) projector market with the release of a new lamp-free 4K Ultra HD projector. Specializing in large venue projection with 5000 lumens brightness.

This new 4K projector is a realization of affordable pricing, making it the most suitable projector for fields ranging from business to education and entertainment.

What Is 4K Ultra HD?

A pixel count of approximately 4 times that of a Full HD equips the 4K Ultra HD projector to display significantly larger volume of information in greater detail. This makes it an ideal tool for presentations, making the most of 4K-compatible PC specifications.

4X Resolution
— An increase from 2.1 million to 8.3 million pixels

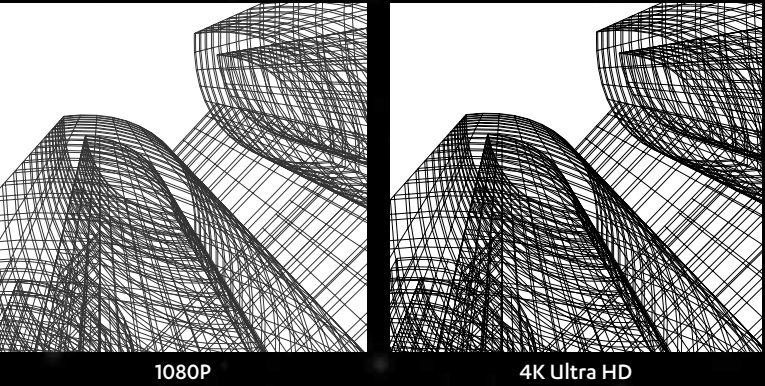


Full HD

4K Ultra HD

Seeing All The Details

Vivid Detail
Small letters and numbers as well as drawings and design images are displayed in the finest detail. Ultra HD image quality facilitates accurate, high-precision projection that enhances the persuasiveness of any presentation.



Unprecedented At-a-Glance Information Sharing
Because 4K Ultra HD projector has 4 times as many pixels as the former 1080p Full HD standard, it enables users to share high-volume information with large audience on a 4 times larger screen.

	Column Title	Column Title	Column Title	Column Title
First Row	250.05	45	230	95.65
Second Row	320	784.65	25	370
Third Row	1560	1570	2875	876.15
Fourth Row	895.25	375	485	685
Fifth Row	Full HD 1920 x 1080		375	65
Sixth Row	275.7	570.35	85.35	185
Total	3386	3470	4K UHD 3840 x 2160	

Large Screen Projection
Images projected up to 200 inch screen are clearly visible, even when viewed from up close or far away. Large-screen projection results in high-impact presentations.



*Images shown are superimposed graphics.

4K

Ultra HD

LAN Function

Vivid Detail

Lens Shift Function

HDBaseT

RESOLUTION

BRIGHTNESS

RATIO

ZOOM

POWER

NETWORK READY

XJ-L8300HN

4K UHD (3840 X 2160)

5000Lm

20,000 : 1

1.5x Zoom

595W

Yes

Enhancing Your Experience

Super Resolution

The projector uses super resolution processing of images/movies such as 1080p video to throw high-quality/movies perfectly suited to 4K Ultra HD panels.

Projected image input resolution: Full HD

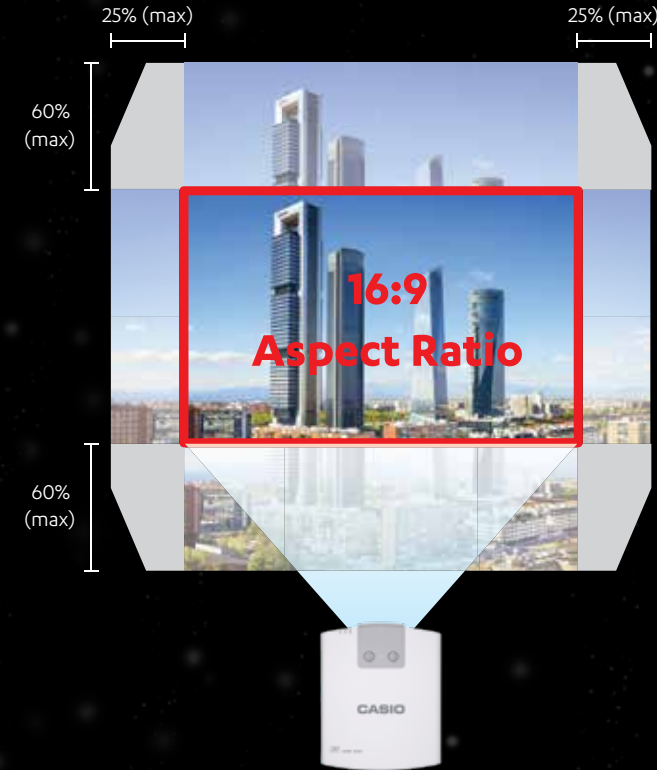


Super Resolution OFF

Super Resolution ON

Lens Shift Function + 1.5x Zoom

An optical correction function maintains clear resolution during adjustment of the projection position ($\pm 60\%$ up or down, $\pm 25\%$ left or right).



Advantages of Lamp-Free Technology

High Brightness and Long Lasting Hours

Solid state illumination achieves 5000 lumens high-brightness projection. Its 20,000 light hours also contributes significantly to reducing future maintenance and operating cost.



PROJECTOR	BRIGHTNESS	LIFESPAN
 XJ-L8300HN	5000 Lumens	Est. 20,000 hrs
 Mercury Lamp Projector	5000 Lumens	Est. 4,000 hrs

Up to 50% Lower Power Consumption

Up to 50% lower power consumption as compared to lamp projectors, you will be able to save more on your monthly bills with Casio projectors.



Quick ON and OFF

Quick ON feature with just 30 seconds to reach maximum brightness allows you to start your meeting immediately. Instant OFF with no cool down time needed also allows you to reduce unnecessary waiting time.

Minamata Convention

Mercury, an element that is hazardous to human health, is found in a variety of articles that are widely used in everyday life. The Minamata Convention on Mercury was enforced on August 16, 2017 to impose regulations on such activities as the manufacture and import/export of fluorescent lamps, thermometers and other products containing mercury. Projectors are not covered by the Convention, however, and the use of mercury continues in many projectors.

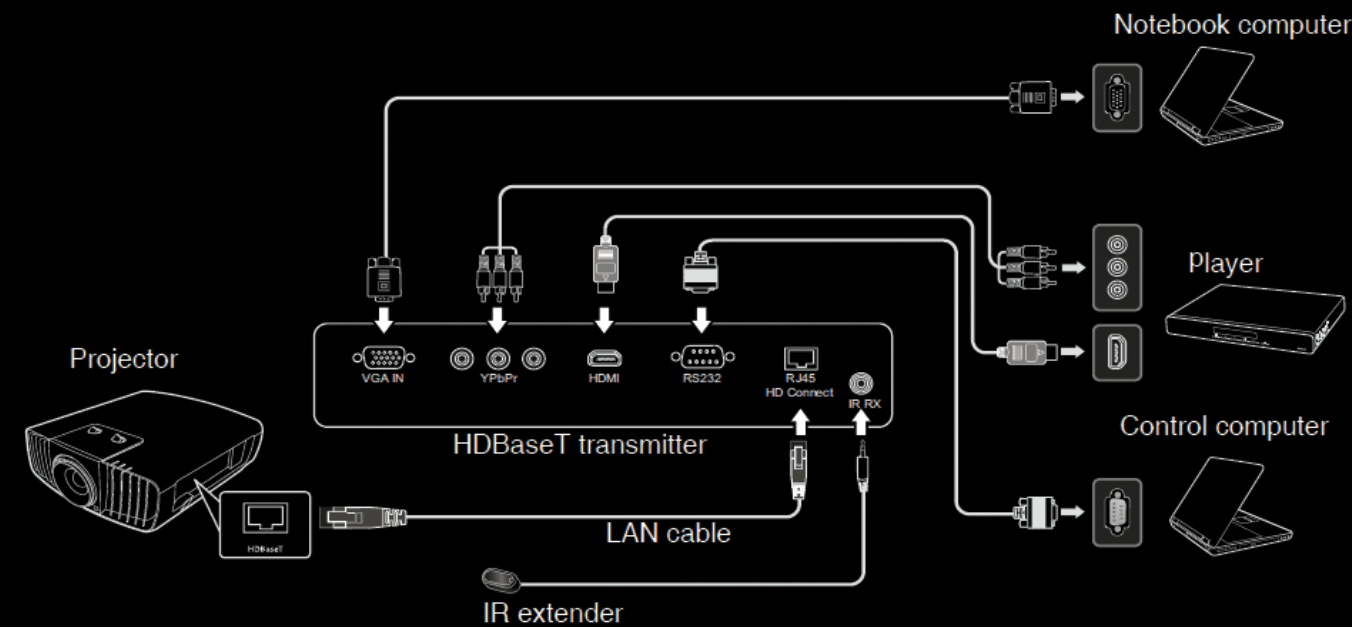
Since developing a mercury lamp-free projector in 2010, Casio has continued to manufacture products that protect human beings and the environment.



Functions To Satisfy Wide-Range Projection Needs

Connecting Multiple Sources Through HDBaseT

Long distance transmission of uncompressed 4K UHD Signal over a single LAN cable. This significantly lowers down your installation cost. HDBaseT of this model combines HD digital video, audio and a control signal. With the use of HDBaseT transmitter (commercially available), you may connect multiple sources to your projector with HDBaseT connection.



*The illustration above is for reference only, actual layout may vary.

Frequent Use Applications

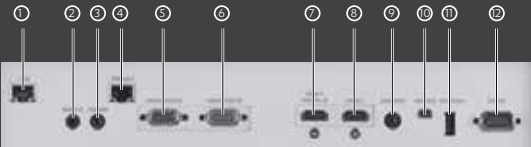
Enjoy high quality display for your business needs and be empowered to see details like never before.




- BUSINESS** - Large Conference Rooms/Exhibitions
- EDUCATION** - Auditoriums/Halls
- SHOPS & STORES** - Signage
- PUBLIC VENUES** - Information Communications



Interfaces & Specifications



- ① LAN terminal
- ② Remote controller terminal
- ③ Trigger terminal
- ④ HDBaseT terminal (Audio/Video Only)
- ⑤ Monitor output terminal
- ⑥ Computer terminal
- ⑦ HDMI terminal 1 (HDCP2.2)
- ⑧ HDMI terminal 2
- ⑨ Audio output terminal
- ⑩ USB terminal (MiniB)*
- ⑪ USB terminal (Type-A) (DC5V/2A)
- ⑫ Control terminal (RS-232C)

			
Model		XJ-L8300HN	
Brightness *1		5000 Lumens	
Display system		DLP® chip x1, DLP® system	
Display chip	Chip size	0.66 inches (aspect ratio 16:9)	
	Display resolution	8,294,400 pixels	
Contrast ratio		20000 : 1	
Lens shift		V: ±60% / H: ±25%	
Focus type		Manual focus	
Projection lens		1.5X manual zoom	
Light source		All laser (Estimate up to 20,000 hours)	
Color reproduction		Full color (up to 1.07 billion colors)	
Scanning frequencies	Horizontal	15-102kHz	
	Vertical	24-120Hz	
Input signal resolution	RGB signal	Maximum: 1920x1200 (WUXGA)	
	Component signal	480i-1080p	
	HDMI signal	Maximum: 4K UHD (3840 x 2160)	
	HDBaseT signal	Maximum: 4K UHD (3840 x 2160)	
	Computer (RGB) Input	Mini D-Sub 15 pin (Female) x 1	
Terminals	Component Video Input	Mini D-Sub 15-pin (Female) x 1	
	Monitor out terminal	Mini D-Sub 15 pin (Female) x 1	
	USB power supply	5V/2A USB Type-Ax1 (dedicated power supply terminal)	
	USB function	USB 1.1 mini-B x1 *2	
	Digital input terminal (HDMI)	HDMI Type A x2 (HDCP2.2, HDCP1.3)	
	Digital input terminal (HDBaseT)	RJ-45 x1 (Video & Audio Only)	
	Audio output	3.5mm stereo mini jack x1 (variable audio output)	
	Control (serial)	RS-232C (D-Sub 9 pin)x1	
	LAN	RJ-45 x1	
	Wired remote	3.5mm stereo mini jack x 1	
	DC 12V trigger output	3.5mm stereo mini jack x 1	
	Power requirements	AC100V to 240V, 50/60Hz	
	Power consumption	595W	
	Operating temperature	5 °C – 35 °C at sea level	
	Storage temperature	-10 °C – 65 °C at sea level	
	Operating / storage relative humidity	10% - 90% (without condensation)	
Operating altitude		0m to 1500 m at 5 °C – 35 °C	
Approximate physical size and weight		1500m to 3000m at 5 °C – 35 °C (with high altitude mode on)	
Security compatibility		471 x 565 x 206 mm 19.8 kg	
Included accessories		Power on Lock	
Approximate packaging size and weight		Remote Control (YT-310), AC Power cord, “Safety Precautions” sheet	
User manual		725 x 600 x 330mm 23.4kg	
Warranty		Download online via www.casioprojectorsea.com/support.html	
Online Warranty Registration	Projector unit	3 Years (Parts & Labor carry-in)	
	Light source	3 years or 6000 hours (whichever comes first)	
		www.casioseam.com *3	

* For service

*1 When in the brightest mode.

*3 Local Warranty (ASEAN countries only)

*2 For Service.