



Sales Kit for

# LG CineBeam

HU915QE



## THINGS YOU MUST KNOW BEFORE STARTING

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- If you use images for commercial use, it is accompanied with legal issues.
- Picture images may differ from actual ones and Product information is subject to change.
- Some product features included in this document may vary or differ depending on country as each country runs different specifications.
- Some product features are also available with specific models. Therefore, consumers should check the detailed specifications of the model they are looking for.



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- User Benefits





# LG CineBeam HU915QE



## Picture Quality

- 8.3 Megapixel Real 4K (3840 x 2160)
- Contrast Ratio 2,000,000 : 1
- DCI-P3 94%
- 3,700 ANSI Lumens
- HDR10, HLG, Auto HDR Dynamic Tone Mapping
- 4K MEMC

## UST

- Throw Ratio 0.19
- Space Saver

## Smart

- WebOS
- Supporting Contents(Apps) – Netflix, Youtube, Disney+, Amazon Prime Video, Apple TV

## Laser Illuminating System

- Long-Life-hour (20,000)
- Up to 30,000 hours @ Eco mode

## Design

- Premium Design (Kvadrat)
- Eco Friendly Design (No dust filter clean up required, Reduced Carbon Emission)

## Sound

- 2.2 Channel 40W Sound
- Dolby Atmos Pass-thru

## Connectivity

- Wireless Connection (AirPlay 2, Screen Share)
- Bluetooth Sound Out

## Convenience

- 15 Points Warping(Edge Adjustment)
- Back lit magic remote controller



# A 4K Premium Home Theater Projector with an Ultra-Short Throw

- 1 Cinematic-optimized Projector with the Highest-Quality Picture Even from an Ultra-Short Distance**  
3 Channel Laser | Real 4K | Ultra Short Throw | 3700 ANSI Lumens Brightness | DCI-P3 94% | 2,000,000 : 1 Contrast Ratio | Up to 120-inch Screen Size
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Brightness Optimizer II (Auto Brightness / IRIS Mode / Adaptive Contrast) | 4/9/15 Point Warping | Interior-friendly Design
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Smart (webOS) | Apple AirPlay 2 & HomeKit | Screenshare | 20,000 Hour-long Lifespan | 2.2Ch 40W Sound | Bluetooth Surround Ready | Eco-Friendly Design

## Cinematic-optimized Projector with the High-Quality Picture Even from an Ultra-Short Distance

3 Channel Laser | Real 4K | Ultra Short Throw | 3700 ANSI Lumens Brightness | DCI-P3 94% | 2,000,000 : 1 Contrast Ratio | Up to 120-inch Screen Size

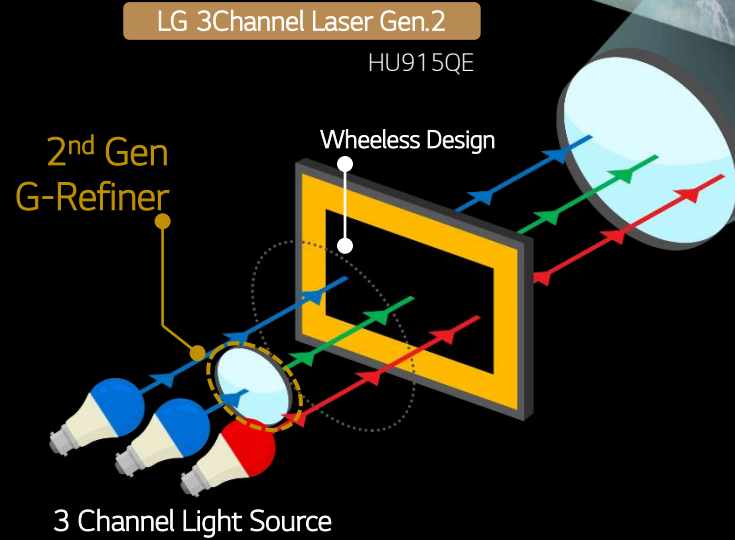
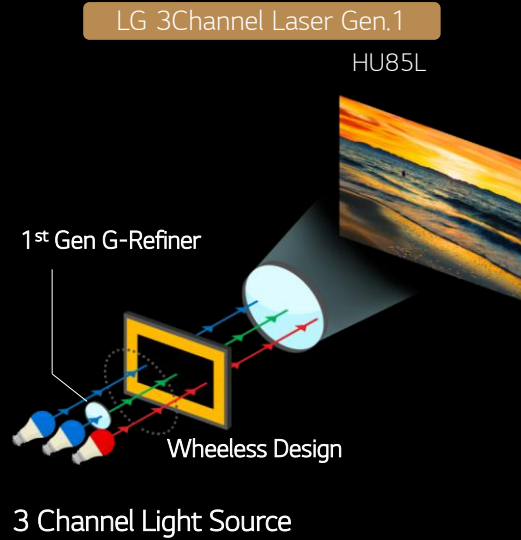
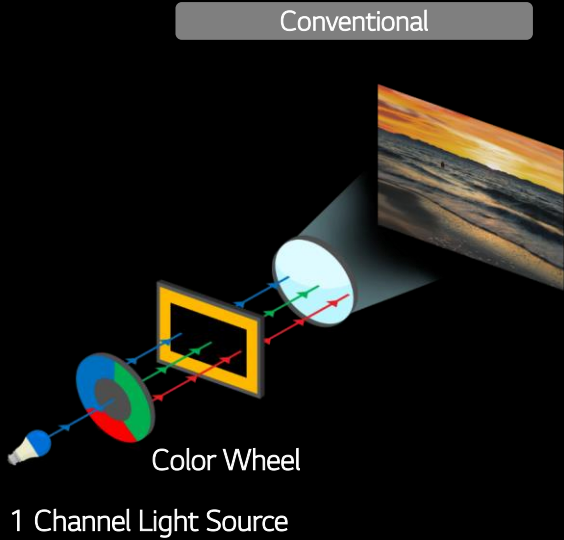
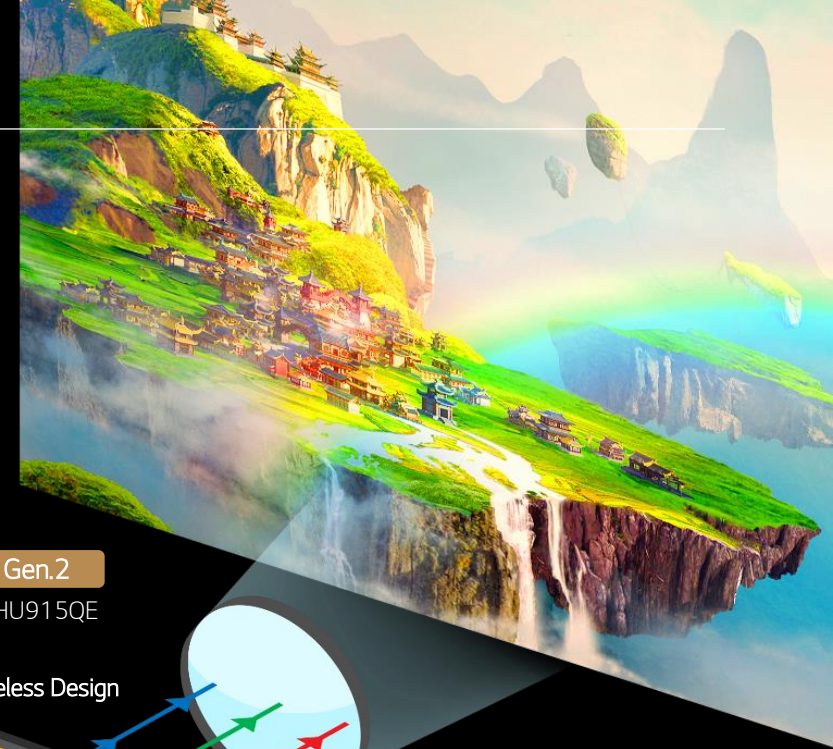
The HU915QE is a 4K projector with top-of-the-line 3Ch laser light source technology, giving you the highest level of color expression with brightness that cannot be achieved with an LED projector. Imagine being able to enjoy movies even in bright environments, with picture quality high enough to enjoy movies rendered in HDR. You'll enjoy crisp, vivid movie experiences in 4K image quality. And since only 7.2 inches of space are needed for a 120-inch screen, all of this can be achieved even in small cinema rooms and without buying extra furniture.



# Exceptional Color Accuracy by Evolved 3Channel Laser System

## 3 Channel Laser Technology

Unlike conventional that make three colors in one light source, HU915QE adopts 3 Channel Laser Technology to create RGB color in different light sources. Also, the HU915QE uses RGB separate primary colors, and can express a vivid picture with no color loss compared to conventional projectors (DLP, Laser and Dual Laser) that use a color-wheel to separate colors from one color light.



[Enhanced Efficiency of G-Refiner]



[Precise Optical Engine Adjustment]

**30% Brighter**  
than 3 Channel Laser Gen.1

## Brilliant Home Cinema with Realistic 4K Picture Quality

Real 4K (3840x2160)

The HU915QE brings you a truly cinematic experience with an incredible 8.3 million pixel screen. Through the use of XPR technology based on Texas Instruments' 4K/UHD DLP technology, the screen can be quickly adjusted in four directions to obtain a maximum resolution of 3840x2160. The HU915QE delivers impeccable precision and detail at four times the resolution of Full HD meaning that even images up to 120 inches remain clear and crisp.



Full HD (1920 x 1080)



Real 4K (3840 x 2160)

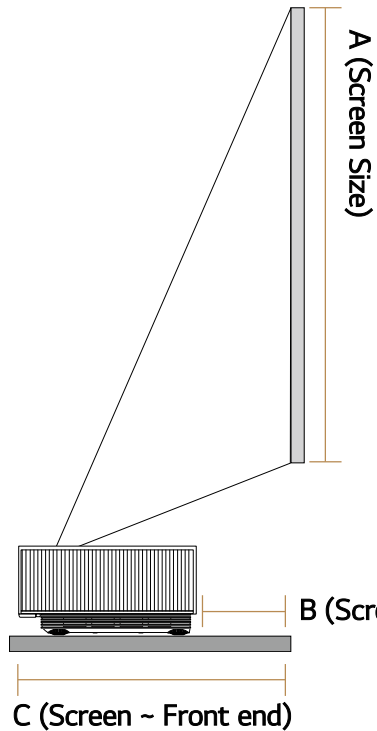




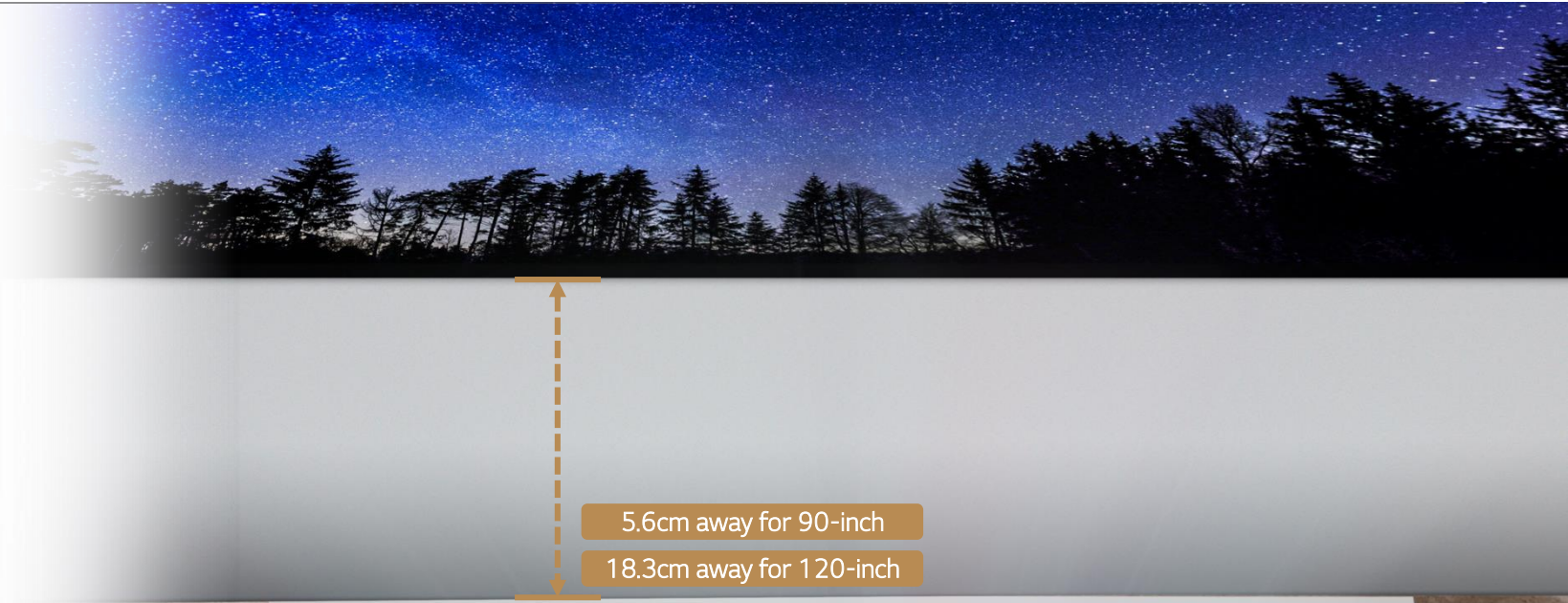
# Breathtaking Scale from Just a Hand Span Away

Ultra Short Throw (Throw Ratio 0.19)

With the HU915QE's advanced Ultra Short Throw, you can enjoy an 90-inch cinematic screen by placing your projector just 5.6cm away from the wall. For the maximum, 120-inch screen size, the HU915QE can be placed merely 18.3cm from the wall. Simple, efficient set up and compact design ensures it's easy to get stunning viewing experiences on a realistic cinema scale in your own home.



No	A (Inch)	B (mm)	C (mm)
1	90	56 mm	403 mm
2	100	98 mm	445 mm
3	110	141 mm	488 mm
4	120	183 mm	530 mm





## Clear Cinema Picture Quality in Daylight Luminance

3,700 ANSI Lumens Brightness

The HU915QE has a brightness of 3,700 ANSI lumens, providing you with true-color images, even in daytime lighting conditions. These brighter and clearer images make it possible to watch movies at home without the need to completely block outside light in daytime.



Low Brightness



3,700 ANSI Lumens



\*ANSI Lumen Levels for Product Guide



HU915QE

3,700  
ANSI Lumens



## Exceptional Color Accuracy by Evolved Laser System

DCI-P3 94% Color Gamut

Unlike a conventional laser projector, the HU915QE achieves stunning picture quality by applying a 3channel laser system. Since the system does not have a color wheel that causes unnecessary light damage, it can display more rich and clear color that meets DCI-P3 standards. The HU915QE supports various color modes to provide optimized colors for any viewing environment. Enjoy a brighter screen in a brighter environment and a more subtle movie image in a darker environment.



Low Color Gamut



DCI-P3 94%



## Various HDR Format Supports

HDR Pro – Dynamic Tone Mapping | HLG | HGiG

The HU915QE is compatible with industry standard HDR10, supporting a wide color gamut and peak brightness that exceeds the capabilities of ordinary projectors. As the HU915QE adopts HDR10 with Dynamic tone mapping, on a frame by frame basis, it can deliver optimized picture quality each frame. It also supports HLG<sup>1)</sup> and HGiG<sup>2)</sup>, so you can experience optimized HDR picture quality no matter how you enjoy the content.

### Static Tone Mapping

Same tone mapping for an entire scene



### Dynamic Tone Mapping

Dynamic tone mapping for each frame

Dynamic tone mapping for each frame

Dynamic tone mapping for each frame



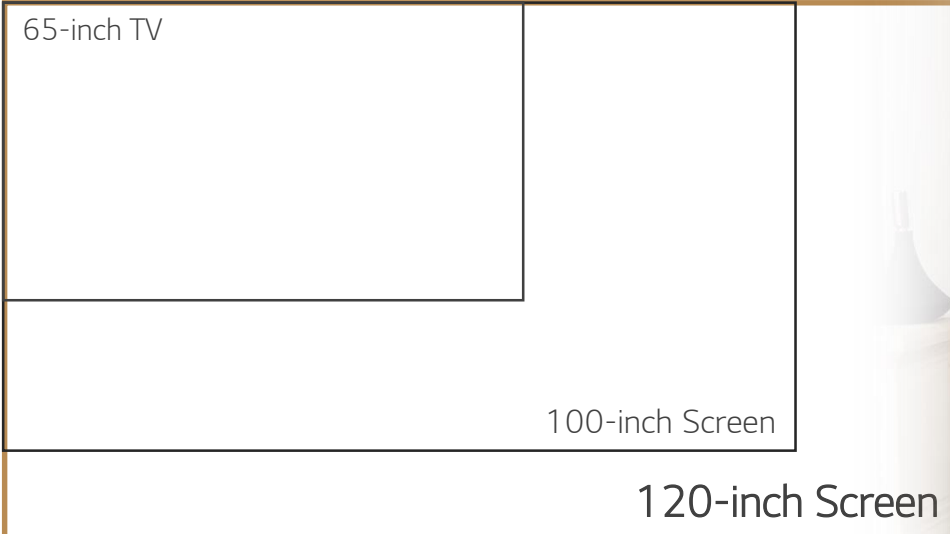
1) Hybrid Log Gamma  
2) HDR Gaming Interest Group



## Bigger Picture for an Immersive Experience

Up to 120-inch Screen

The HU915QE delivers an awe-inspiring viewing experience with a impressive screen size of up to 120-inches. The 120-inch screen size is larger than four standard 60-inch large screens. Dive in home and lets you become even more immersed in your content.



## Environment-optimized Projector with the Enhanced Brightness Optimizer and Various Convenient Functions

Brightness Optimizer II (Auto Brightness/ IRIS Mode / Adaptive Contrast) | 4/9/15 Point Warping | Interior-friendly Design

No matter how dark your cinema room is or what content you are watching, you can achieve the optimal settings for movie-watching. The HU915QE includes all the features of the Brightness Optimizer, with Auto Brightness + IRIS Mode, which adjusts the projector's brightness according to ambient lighting, and Adaptive Contrast, which analyzes the image content brightness to adjust the projector's light source and processing capabilities.

In addition, it supports various convenient functions for screen setup, such as 15-point warping.

Overall, the HU915QE immerses you in your favorite movies without compromising the premium design of your cinema room.



# Immersive Cinema Experience with Adjustable Brightness

## Auto Brightness

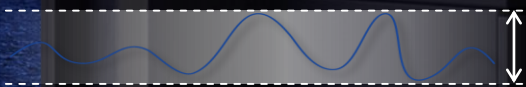
The Auto Brightness feature, further upgraded in the HU915QE, automatically adjusts the brightness of the light source and iris mode according to the projected image and the surrounding environment. This allows you to enjoy images with optimized brightness and quality no matter your surroundings. The Ambient Sensor at the bottom of the HU915QE is on, the ambient light environment is automatically recognized by the sensor and the energy saving level is set.



Dark Environment



IRIS Mode  
(Dark Room)



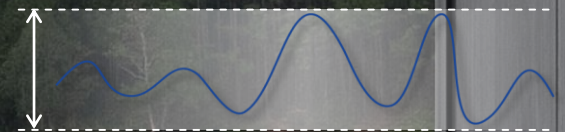
Energy Saving Med



Bright Environment



IRIS Mode  
(Bright Room)



Energy Saving Min

The Ambient Light Sensor  
scan the room condition automatically



## Immersive Cinema Experience with Adjustable Brightness

### IRIS Mode

Users can change the IRIS Mode on the HU915QE to best fit the lighting conditions of the viewing environment. Dark Room(Standard) Mode is recommended for optimized images with balanced brightness and black level, while Bright Room Mode is recommended for viewing in brighter environments with the projector's iris fully open.



### Dark Room Mode

Recommended white brightness + lowest (best) black level with iris's minimum aperture

### Bright Room Mode

White and black goes up together, which makes picture visible and vivid with iris's maximum aperture





## Vivid and Crisp Images with Brilliant Contrast

### Adaptive Contrast

Adaptive Contrast gives your images more depth by adjusting the laser output to create a high contrast ratio whether your screen is bright or dark. Bright scenes appear brighter, while dark scenes remain detailed with deep blacks and shading details. Adaptive Contrast enables the projector to clearly reproduce colors that match the original image in any lighting conditions.



When image is bright  
: Full laser current, to make image bright



When image is dark  
: Lower laser current, to make image darker

## Perfect Screen Alignment

4/9/15 Point Warping

The HU915QE features Point Warping for easy horizontal and vertical alignment. Using these 15 points, you can ensure that your screen can be viewed without distortion and in the correct proportions, no matter what angle it is projected from.

Menu

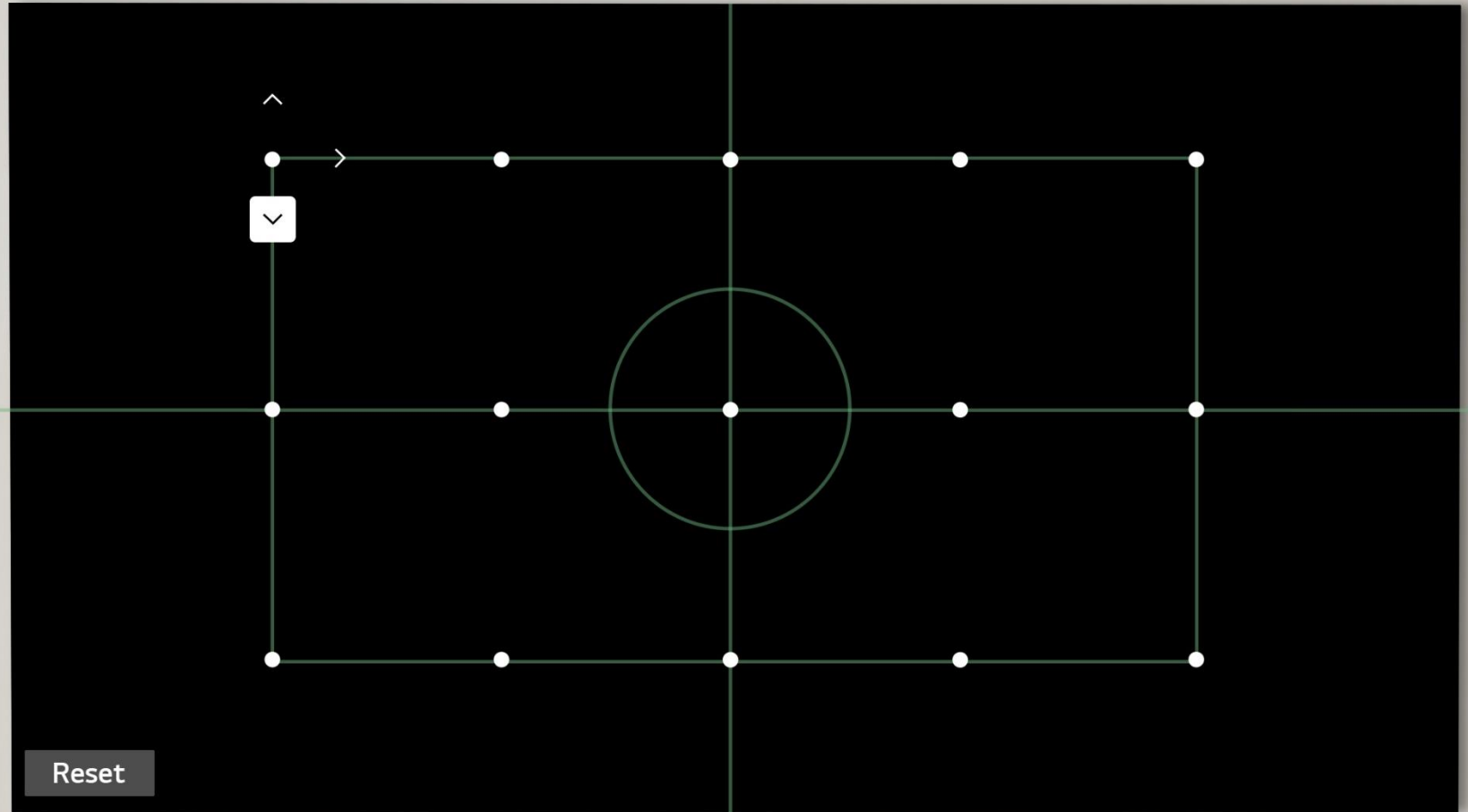
Installation

Edge Adjustment

4 Points

9 Points

15 Points





## User Benefits

# Premium Home Décor with Stylish Design

## Premium Design (Kvadrat Canvas)

Unlike other conventional 4K laser projectors that feature large, bulky designs, the HU915QE's sophisticated design seamlessly blends in with your home décor. The harmony of Kvadrat's Re-wool, rich upholstery textile with a sustainable profile, which is EU Ecolabel, Greenguard Gold, HPD, and EPD certified, combined with the clean white coloring of the projector to add an air of luxury and elegance to your home interior.



**kvadrat**





## Entertainment-optimized Projector with Home theater-quality Sound and Wired and Wireless Connection Supports

Smart (webOS) | Apple AirPlay 2 & HomeKit | Screenshare | 20,000 Hour-long Lifespan | 2.2Ch 40W Sound | Bluetooth Surround Ready

The HU915QE projector is equipped with 40W sound, equivalent to a typical home theater level. It even supports Bluetooth speaker connection, so you can connect two Bluetooth speakers to create sound that fills your home cinema room.

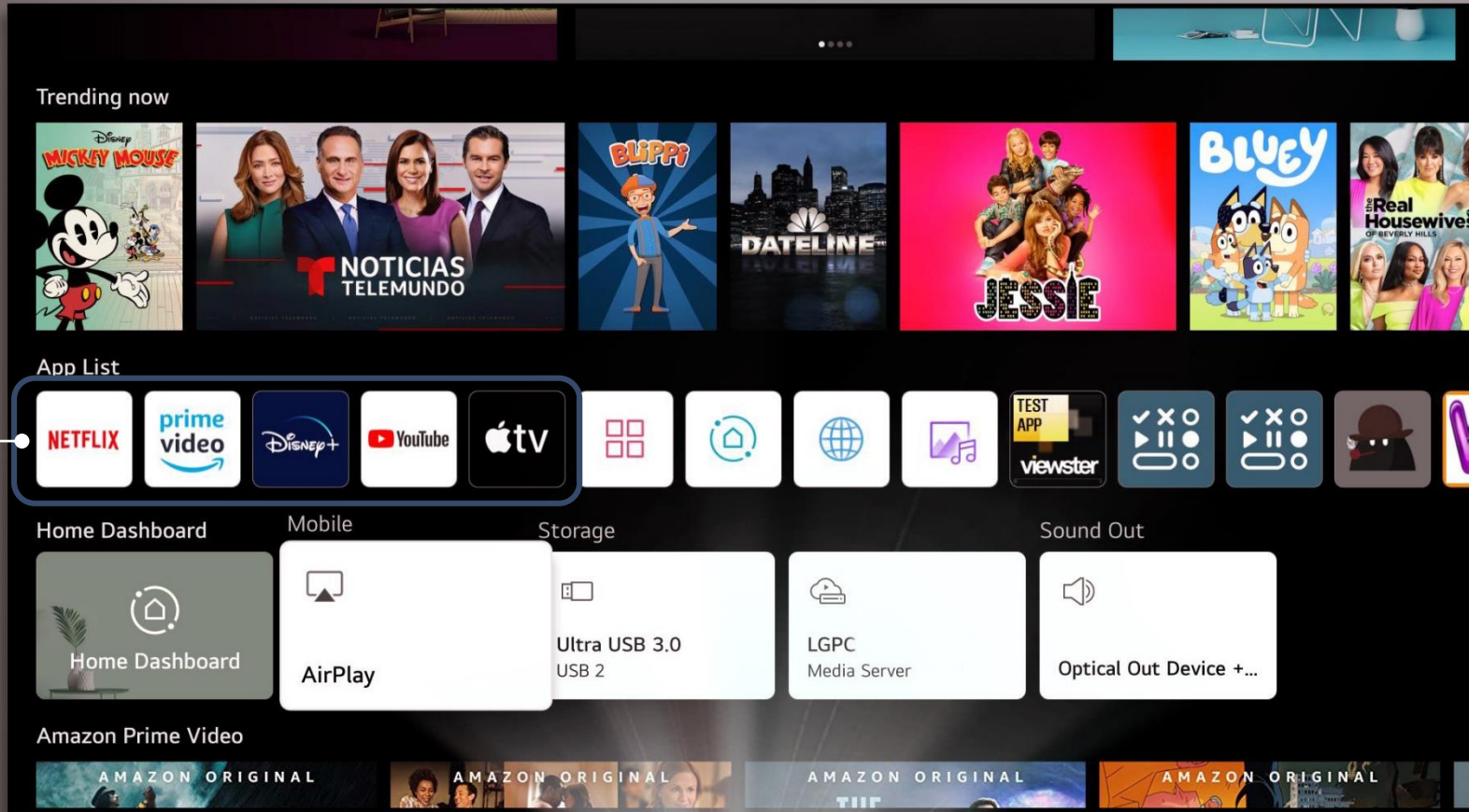
It also comes loaded with the latest webOS that supports various content and supports AirPlay 2 and Screenshare. It is easy to connect to any of your devices, but even if you don't have a device to connect, you can enjoy the latest content with the built-in OS. And since it is based on a laser light source, the projector's lighting performance is long-lasting even if you constantly stream content.



# A Smarter Way to Find Your Next Favorites

Smart (webOS)

LG's exclusive Smart TV platform, webOS 6.0, is simple to set up and makes it easier than ever to find great content on Netflix, Amazon Prime Video, Disney+, YouTube and Apple TV. Finding your next favorite show or movie is easier than ever.



Supported App



\* Internet connection and subscription to streaming services are required.  
\* Supported services may differ by country.

## More Convenient with Apple Connection

### AirPlay 2

LG CineBeam provides AirPlay 2 capability without the need to buy an Apple TV. The HU915QE is certified AirPlay 2 compatible, so you can easily connect your phone and operate the projector wirelessly. AirPlay is a casting software that lets you mirror or stream content wirelessly from iOS and macOS devices to your projector. Now, enjoy everything you watch on the big screen.

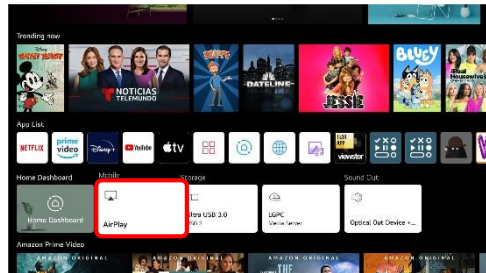




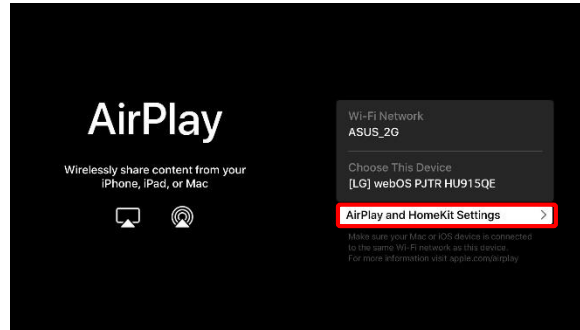
# Setup Guide for Apple HomeKit



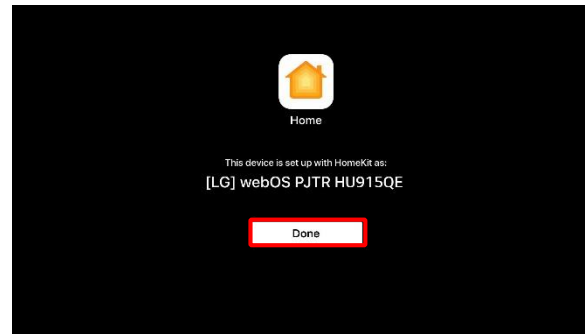
1-1. In Home Dashboard, click "AirPlay."



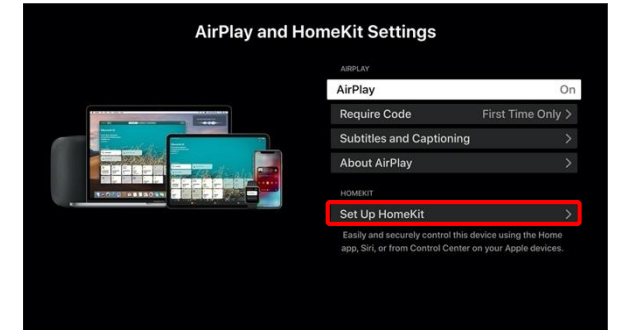
1-2. On Explore Page, click "AirPlay."



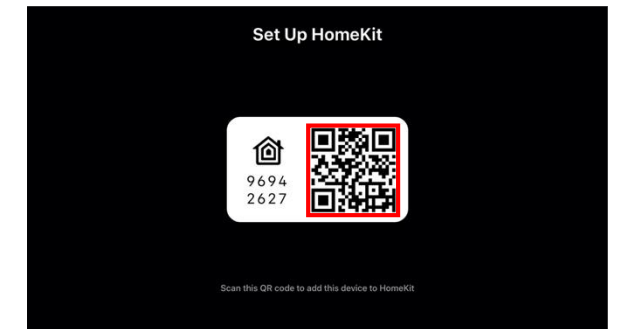
2. Click "AirPlay and HomeKit Settings."



5. Complete HomeKit setup on the HU915QE.



3. Click "Set up HomeKit."



4. Scan the QR code using your iPhone.

\* Your Apple device must be connected to the same Wi-Fi network as your projector.  
\* Apple, the Apple logo, AirPlay, Apple TV, and HomeKit are trademarks of Apple Inc., registered in the U.S. and other countries.  
\* This LG CineBeam supports AirPlay 2 and requires iOS 12.3 or later or macOS 10.14.5 or later for use.

## Take Your Images From Pocket-sized to Mega-sized

Screenshare

The HU915QE supports Screenshare, allowing Android users to wirelessly move content from their phone to the big screen.

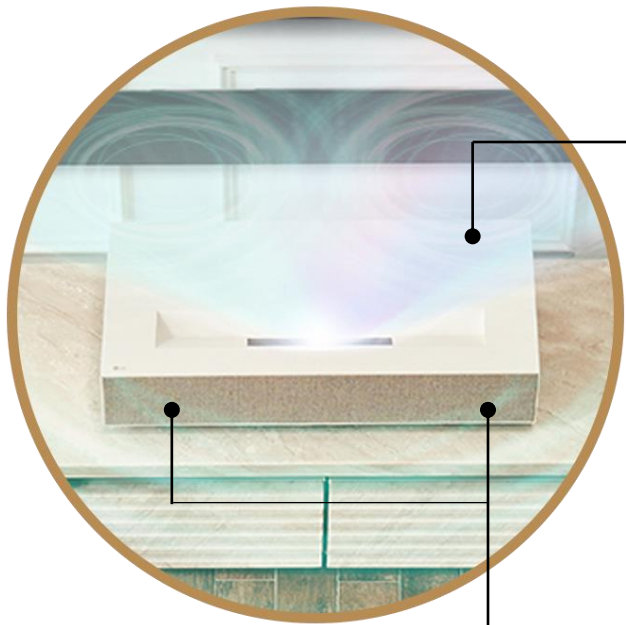




## Stunning Cinema-quality Sound

2.2Ch 40W Sound

Thanks to four 10W stereo speakers, the HU915QE has a cinema-quality built-in sound system to complete your viewing experience. Due to this structure, the HU915QE can provide deep and clean bass while minimizing any shaking in the screen and sound. With the improved 2.2Ch 40W sound, you can enjoy a cinematic sound experience similar that of a real movie theater.



10W Top Speaker  
x 2

10W Front Speaker x 2





## Stunning Cinema-quality Sound

Bluetooth Surround Ready

For a richer, more powerful movie sound experience, connect two extra wireless Bluetooth speakers to create a 4.2 channel sound system. Adding these two additional speakers to the powerful 2.2 channel speaker, built into the projector, will enhance your movie-watching experience with surround sound.



HU915QE

Sound Bar



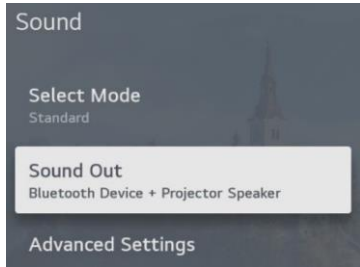
Bluetooth Speaker

\* Needs to purchase Bluetooth speakers to use this function. Only LG Bluetooth speakers are guaranteed.  
\* 4.2 channels effect : 2.2 Ch is implemented in virtual. Need to connect two Bluetooth speakers for 4.2 Ch effect.



# Setup Guide for Bluetooth Surround Ready

1. In Sound Setting, click "Sound Out."



2. Click "Use Multiple Speakers."



3. Click "Bluetooth Device + Projector."



4. Select "Connect One Speaker" or "Connect Dual Speakers."

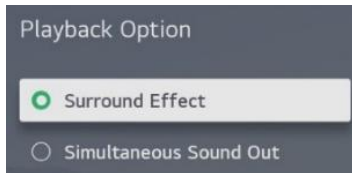


### Supported Model List

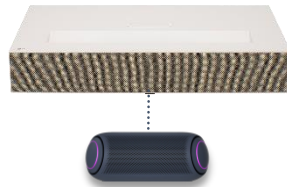
LG-PK5 / LG-PK7	LG-FN5 / LG-PN7	LG RN5 / LG RN7 / LG RN9
LG-PL5 / LG-PL7	LG-RM2	LG ON5 / LG On7 / LG ON9
LG-PM5 / LGa-PM7	LG-LR3	

Usage 1)

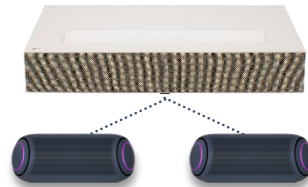
Main Sound from Projector and Marginal Sound from Bluetooth Speaker



With Bluetooth-Single Speaker



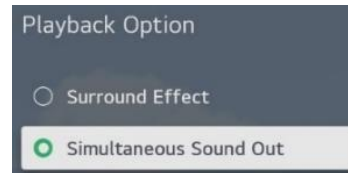
With Bluetooth-Dual Speakers



\*The projector outputs the main voice, and the speaker transmits the surrounding voice.  
\*Bluetooth speaker can be set as Front / Rear.

Usage 2)

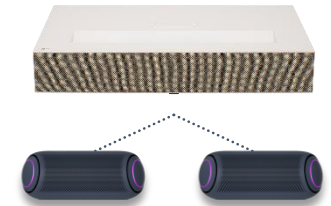
Identical Sound out from both Projector and Bluetooth Speaker



With Bluetooth-Single Speaker



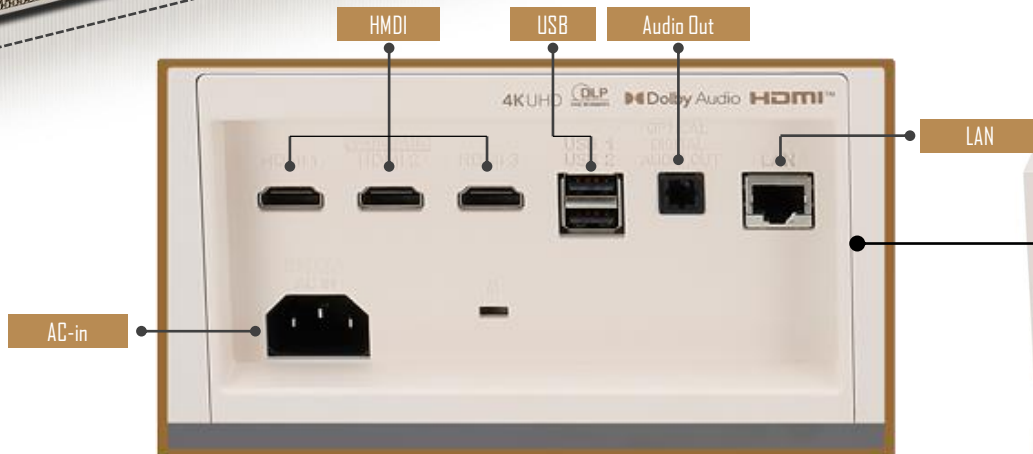
With Bluetooth-Dual Speakers



\*The projector and the Bluetooth speaker output the same audio.  
\*Bluetooth speaker can be set as Front / Rear.



# Design & Connectivity



End of Documents\*