

acer



# ULTRA SHORT THROW APEXVISION LASER TV



## Acer ApexVision L812

4K UHD (3,840 x 2,160)

4,000 ANSI lumens

Ultra Short throw

Up to 30,000-hour lamp life (Eco)



Ultra-short throw



Resolution



Brightness



Dynamic Black



Laser lifespan



IP6X



HDR10  
Compatible



HDMI 3D



ColorBoost 3D

## Product Specifications

Model name	L812
Projection system	DLP®
Resolution	4K UHD (3,840 x 2,160) resolution with TI XPR, 8.3 megapixel on screen
Brightness	4,000 ANSI Lumens (Standard), 3,200 ANSI Lumens (ECO), (Compliant with ISO 21118 standard)
Aspect ratio	16:9 (Native), 4:3 (Supported)
Contrast ratio	2,000,000:1 Dynamic Black
Throw ratio	0.252 (100"@0.211m)
Zoom ratio	Fixed
Projection lens	F = 2, f = 24.85mm Manual Focus
Lamp life	20,000 Hours (Standard), 30,000 Hours (ECO)
Noise level	25dB (ECO 2m)
Audio	10W Speaker x 2
Input interface	HDMI 2.0 (Video, Audio, HDCP2.2) x 2, USB Type-C x1 (Display) DC 12V out x 1, PC Audio (Stereo mini jack) x 1, USB (Type A 3.0, 5V/1.5A) x 1, USB (Wireless dongle, Type A) x 1
Output interface	PC Audio (Stereo mini jack) x 1, DC Out (5V/1.5A, USB Type A) x 1 SPDIF Audio (Optical) x 1
Control interface	USB (Type A 2.0) x 1 share output port, RS232 (D-sub) x 1
Smart Specifications	Quad core ARM Cortex-A53, ARM G31 MP2 GPU, 2G RAM DDR4, 8GB eMMC (Flash)
Wireless Connection	802.11 a/b/g/n/ac, 2.4GHz/5GHz, BT4.2
Dimensions	429 x 389 x 158 mm (w/ feet) (16.9" x 15.3" x 6.2")
Network Interface	Ethernet port (RJ45) x 1
Ethernet Network (LAN) Capability	PiLink/AMX/RoomView projector remote control for Windows PC
Weight	7.7 Kg (16 lbs)

## Feature Highlights

### Expressive Display

- 4K UHD (3,840 x 2,160)
- 4,000 ANSI lumens brightness
- Dynamic Black 2,000,000:1
- HDR Compatible
- ColorBoost3D
- HDMI 3D & DL P 3D ready.
- BluelightShield

### Enhanced Usability

- Smart Projector (smart system embedded)
- 10W\*2 built-in speaker with Acer TrueHarmony
- Football mode
- Wireless Projection
- Sealed Optical Engine (IP6X Certified)
- 1080P 240Hz
- Low Input Lag
- 24/7

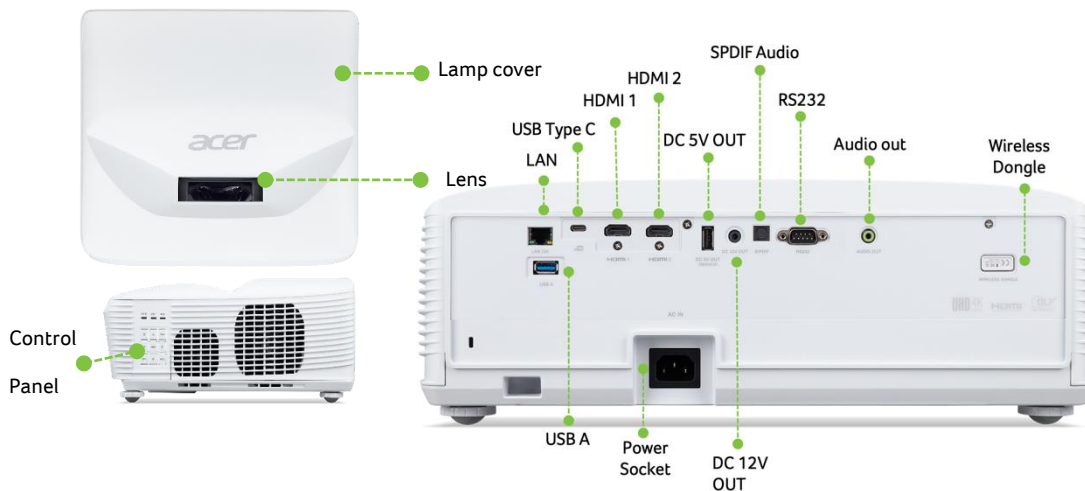
### Installation flexibility

- Ultra-short throw projection (120"@ 0.312m)
- Digital Zoom & Image Shift
- +/- 5° H/V Keystone Correction
- 4-Corner adjustment
- Instant Pack
- AC Power On & IO Power On

### Eco-Friendly Functionality

- Acer EcoProjection Technology (ExtremeECO, 34%)
- Extend lamp life & lower down the noise level in Eco mode. ECO Long lifespan up to 30,000 hours.
- Low noise level to 25dB (ECO 2m)

## Product View



### Standard Accessory



Wireless  
Projection-Kit  
UWA5

### Optional Accessory



SWM-06



Smart Touch  
Kit II

### 4K UHD (3,840 x 2,160) resolution

The Consumer Electronics Association (CEA) definition of 4K Ultra HD (UHD), 3,840 x 2,160 resolution states the display resolution must have at least 8 million active pixels. H6800BDA 4K Ultra HD resolution with TI XPR technology serves more than 8.3 million on-screen pixels — four times more of a Full HD. All details comes alive.

### Ultra-Short Throw Distance

The ultra-short throw distance allows the projector to display clear images while it is positioned very close to the screen. Even at a throw distance of just 0.312m, highly detailed images can be displayed with 120" image size at 16:9 aspect ratios. This feature offers the following benefits: 1) Reduces harm to the eyes as presenters no longer need to avoid unsafe projector beams. 2) Eliminates shadowing because presenters do not block the light path. 3) Maximizes space since long projection distances are no longer required. These benefits offer greater flexibility and viewing comfort, making Acer projectors ideal for education and business projection scenarios.



Ultra-short throw



Smart Projector

### Smart Projector\*

Works with multiple audio-visual platforms to give you the best audio-visual experience, like home KTV, Music, fitness classes, children program, or the best drama and variety shows, so you just want to stay at home all day long to enjoy!

\*L812 is pre-loaded with the third-party Aptoide TV APP market, where you can download APPs, such as Smart YouTube, Netflix, etc., download and install, and you can watch various streaming videos and audios wirelessly. H6800BDA APP installation service, supported by Aptoide.

### HDR10 Compatible

HDR10-compatible (High Dynamic Range) reproduces a greater dynamic range of luminosity with expanded contrast and a wider range of brightness. The projector adjusts to brighter scenes so the highlights glimmer with detail, while in darker scenes, rich blacks are preserved and details typically hidden in the shadows are enhanced for greater overall luminance. HDR compatible shows colors as they truly are.



### About Acer

Founded in 1976, today Acer is one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will infuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. More information is at [www.acer.com](http://www.acer.com).

