

acer



# RAZOR SHARP PROJECTION IN LARGE VENUE



## **Acer P8800**

- 4K UHD resolution
- 5,000 lumens brightness
- HDR (High Dynamic Range) compatible
- Motored zoom, focus & IRIS
- AcuMotion frame interpolation

**UHD 4K**  
8.3 Megapixel



## Product Specifications

Model name	<b>P8800</b>
Projection system	DLP™
Resolution	4K UHD (3,840 x 2,160) resolution with TI XPR technology
Brightness	5,000 ANSI Lumens (Standard), 4,000 ANSI Lumens (ECO) (Compliant with ISO 21118 standard)
Aspect ratio	16:9 (Native), 4:3 (Supported)
Contrast ratio	1,200,000:1
Throw ratio	1.35~2.63 (100"@3m)
Zoom ratio	1.96X
Projection lens	F = 2.56 ~ 2.68, f = 22.0 mm ~ 24.1 mm, Manual Zoom and Manual Focus
Lens Shift	-80% ~ 80% (Vertical Offset), +/-35% (Horizontal Shift),
Lamp life	2,000 Hours (Standard), 3,000 Hours (ECO)
Noise level	32 dBA (Standard), 29 dBA (ECO)
Input interface	Analog RGB/Component Video (D-sub) x 1 HDMI (Video, Audio, HDCP) x 2 HDMI 2.0 (Video, Audio, HDCP 2.2) x 1 DisplayPort 1.2 x 1
Output interface	HDMI Out x 1 (Loop through from HDMI 3) DC Out (5V/1.5A, USB Type A) x 1
Control interface	USB (Type A) x 1, share output port RS232 (D-sub) x 1 12V DC (Screen control) x 2 Wired remote control port (Mini jack) x 1
Network interface	Ethernet port (RJ45) x 1
Dimensions	550 mm X 500 mm X 192 mm
Weight	16.5 Kg (36.4 lbs)

## Feature Highlights

### Expressive display

- 4K UHD (3,840 x 2,160)
- 8.3 megapixel on screen
- 5,000 ANSI lumens
- 1,200,000:1 contrast ratio
- HDR compatible
- Rec. 2020 compatible
- AcuMotion (Frame interpolation)
- sRGB color standard
- Rec. 709 cinematic color standard
- DICOM Simulation

### Enhanced usability

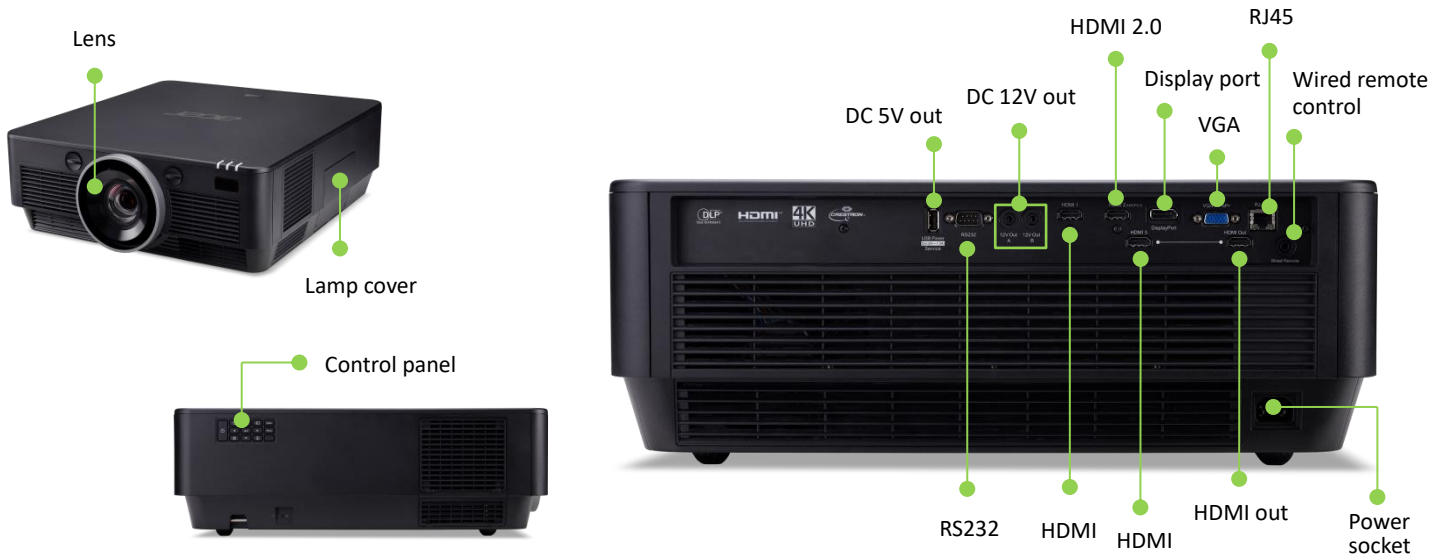
- LAN control (Crestron network system)
- Built-in test pattern
- Triple HDMI port
- AC power on

### Installation flexibility

- Motored zoom, focus & IRIS
- Lens Shift
- Side-loading lamp design
- Central lens

### Eco-friendly functionality

- Acer EcoProjection
- Lamp life up to 3,000 hours in Eco mode



### 4K UHD

The Consumer Electronics Association (CEA) definition of 4K Ultra HD (UHD, 3,840 x 2,160) states the display resolution must have at least 8 million active pixels. Acer 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 come alive.



AcuMotion

### Acer AcuMotion

AcuMotion is a frame interpolation system that removes unwanted motion blur. The system calculates and generates intermediate frames, inserting them into existing ones. By doing so, the movie can be ultra-smooth even in fast moving scenes.



### HDR compatible

HDR (High dynamic range) is a technique to reproduce a greater dynamic range of luminosity. It preserves details in the darkest & brightest areas, and presents a similar range of luminance that the color is close to how we see in real life. The expanded contrast & wider range of brightness produces true-to-life color. Image comes to life with HDR compatible.



### Rec. 2020 compatible

Rec. 2020, also known as BT. 2020, is the recommendation for UHD TV defined by International Telecommunications Union (ITU). With Rec. 2020 compatible, projector is able to read and translate rec. 2020 language into rec. 709 for superior color reproduction.

### 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).

