

REDISCOVER HOME CINEMA IN ULTRA HD



Acer H6810

- 4K UHD resolution
- 3,500 lumens
- HDR compatible
- Silent mode

UHD 4K 8.3 Megapixel HDR Compatible Rec. 2020 COMPATIBLE

Product Specifications

Model name	**Acer H6810**
Projection system	0.47” UHD DMD
Resolution	4K UHD (3,840 x 2,160) resolution with TI XPR, 8.3 megapixel on screen
Brightness	3,500 ANSI Lumens (Standard), 2,800 ANSI Lumens (ECO)
Aspect ratio	16:9 (Native), 4:3 (Supported)
Contrast ratio	10,000:1
Throw ratio	1.47~1.76 (100"@3.25m)
Projection lens	F = 1.94~2.06, f = 5.57mm~18.67mm Manual Zoom & Focus
Lamp life	4,000 Hours (Standard), 10,000 Hours (ECO), 15,000 Hours (ExtremeEco)
Noise level	30 dBA (Standard), 24 dBA (ECO), 21 dBA (Silent Mode, XPR Off)
Input interface	Analog RGB/Component Video (D-sub) x 1 HDMI (Video, Audio, HDCP) x 1 HDMI 2.0 (Video, Audio, HDCP 2.2) x 1 PC Audio (Stereo mini jack) x 1
Output interface	PC Audio (Stereo mini jack) x 1 DC Out (5V/1.5A, USB Type A) x 1
Control interface	USB (Mini-B) x 1 RS232 (D-sub) x 1 12V DC (Screen control) x 1
Dimensions	343 mm x 258 mm x 124.6 mm (w/ feet) (13.5" x 10.2" x 4.9")
Weight	4.0 Kg (8.82 lbs)

Feature Highlights

Expressive display
- Ultra-HD 4K (3,840 x 2,160) resolution
- 8.3 megapixel on screen
- 10,000:1 Dynamic Black
- 3,500 lumens brightness
- HDR compatible
- Rec. 2020 compatible
- Super resolution

Enhanced usability
- 10Wx1 built-in speaker
- Wireless projection(optional)[1]
- Digital Connectivity-HDMI2.0
- Sealed Optical Engine

Installation flexibility
- 40° Vertical Keystone correction
- Top-Loading Lamp Design
- Fast pack
- AC Power On
- Auto Shutdown

Eco-friendly functionality
- Acer EcoProjection
- Lamp life up to 15,000 hours (ExtremeEco mode)
- 21dBA extreme low noise[2]

1- Optional Acer WirelessCAST is required. External power is required. A Micro-USB to USB A cable is needed but not provided by Acer.

2- XPR is a proprietary, pixel-shifting technology by Texas Instruments. XPR is disabled when operating in silent mode.





Optional Accessory



WirelessCAST MWA3



Ceiling Mount CM-01S



Ceiling Mount CM-02S

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.

HDMI 2.0
HDMI 2.0 increases the maximum bandwidth, giving it the ability to carry 4K signal & Rec. 2020 color space. This ensures 4K UHD movies compatibility for truly amazing clarity and vibrant colors.

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 UHDTV 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.

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