

acer



REDISCOVER HOME ENTERTAINMENT IN ULTRA HD

Acer H7850BD

4K UHD resolution

3,000 lumens

HDR compatible

Rec. 2020 compatible

Acer AcuMotion



Product Specifications

| | |
|-------------------|--|
| Model name | Acer H7850BD |
| Projection system | DLP™ |
| Resolution | 4K Ultra HD (3,840 x 2,160) resolution with 8.3 million on-screen pixel |
| Brightness | 3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO) (Compliant with ISO 21118 standard) |
| Aspect ratio | 16:9 (Native), 4:3 (Supported) |
| Contrast ratio | 1,000,000:1 |
| Throw ratio | 1.39~2.22 (65"@2m) |
| Projection lens | F = 2.5 ~ 3.26, F = 20.91mm ~ 32.62mm Manual Zoom & Focus |
| Lens shift | 15% (Vertical Offset) |
| Lamp life | 4,000 Hours (Standard), 10,000 Hours (ECO), 15,000 Hours (ExtremeEco) |
| Noise level | 26 dBA (Standard), 24 dBA (ECO), 19 dBA (Silent Mode ¹) |
| Input interface | Analog RGB/Component Video (D-sub) x 1 HDMI (Video, Audio, HDCP) x 1 HDMI 2.0 /MHL (Video, Audio, HDCP 2.2) x 1 PC Audio (Stereo mini jack) x 1 |
| Output interface | Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1 DC Out (5V/1A, USB Type A) x 1 |
| Control interface | USB (Type A) x 1, share input port x1 RS232 (D-sub) x 1 12V DC (Screen control) x 1 |
| Network interface | Ethernet port (RJ45) x 1 |
| Dimensions | 398 mm X 297.5 mm X 127 mm (w/ feet) |
| Weight | 5.5 Kg |

Feature Highlights

Expressive display

- 4K UHD (3,840 x 2,160)
- 8.3 megapixel on screen
- 3,000 ANSI lumens
- Dynamic Black 1,000,000:1
- HDR compatible
- Rec. 2020 compatible
- Acer AcuMotion (Frame interpolation)
- ISFccc certificate
- Super resolution video engine
- HDMI 3D

Enhanced usability

- Wireless Projection²
- 5W x 2 speakers
- Silent mode¹
- Dual HDMI
- AC power on

Installation flexibility

- Vertical lens shift
- 1.6X zoom

Eco-friendly functionality

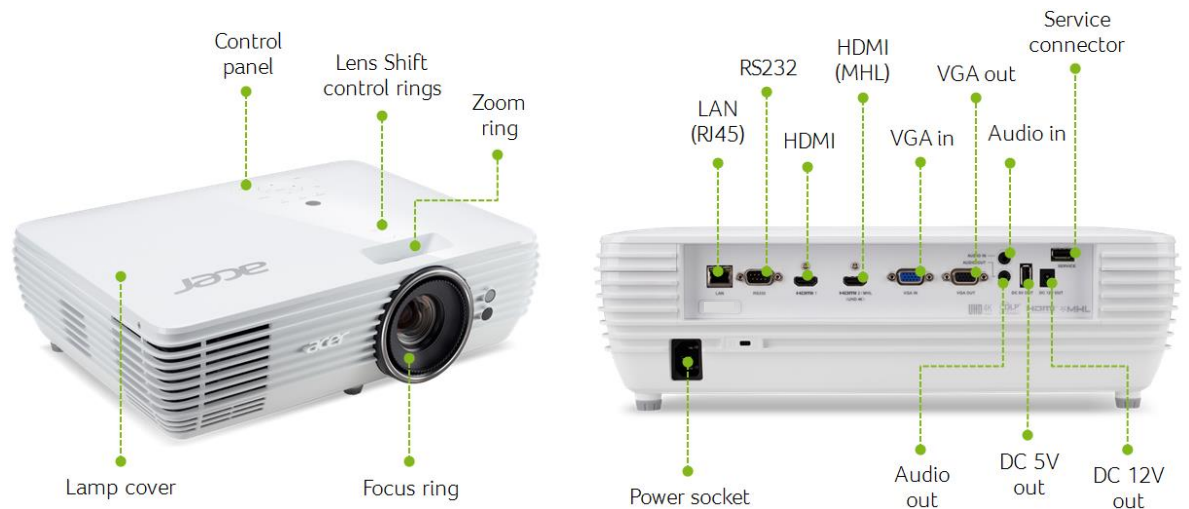
- Acer EcoProjection
- Lamp life up to 15,000 hours (ExtremeEco mode)

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

2 - Optional Acer WirelessCAST or Acer WirelessHD-Kit is required. Wireless Projection supports resolution up to 1080P.

3 -Support up to 1080p resolution.

| Optional accessory | |
|-----------------------|---|
| WirelessCAST MWA3 |  |
| WirelessHD-Kit MWiHD1 |  |
| 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.



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 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.

More information please visit - www.acer.com.

