Acer H series

Acer H6830BD

Rich colours and excellent picture quality for your home cinema

Hello home cinema, hello casual gaming! With the Acer H6830BD, the perfect projector for long cinema evenings and captivating gaming sessions awaits you. Thanks to 4k UHD resolution and bright 3,800 ANSI lumens, you can enjoy a detailed projection even when the lights are on.

Image setup has never been easier: the 1.3x zoom allows you to adjust the image by 30% while maintaining the projection distance, and the automatic keystone correction always aligns the image perfectly.

Thanks to 1080p 240Hz, even fast scenes can be reproduced smoothly. The input lag is even reduced to 4.2 ms, so that the button press on the controller is reproduced without lags.

- Light technology: 240 watt Philips UHP
- Resolution: 4K UHD (3,840 x 2,160 px)
- Brightness: 4,000 (standard), 3,200 (eco) ANSI lumens
- Contrast: 10,000:1
- Life (hr.): 5,000 (standard), 10,000 (eco), 20,000 (ecoPro)
- Warranty: 2 years PickUp service, 1 year for the lamp, 5 years for the DLP Chip

4000 ANSI LM Brightness | HDR Compatible | | Low input lag | isf ccc ® | Built-in Speaker | 4 Corner Correction | 40° Keystone Correction

acer

Acer H6830BD

Ordering Information

Model	H6830BD
Part Number	MR.JVK11.001
EAN	4711121011887

Technical Specifications

Projection technology	DLP 3D Ready & HDMI 3D
DLP Chip	0.47"
Version	UHD DMD
Resolution	4K UHD (3,840 x 2,160 px)
Display Format	16:9 (native) / 4:3 (supported)
Contrast	10,000:1
Displayable Colours	1.07 Billion Colors
Brightness	4,000 (standard), 3,200 (eco) ANSI lumens
Focus / Focal distance	F = 1.94 ~ 2.12 / f = 11.90 ~ 15.50 mm
Projection size (diagonal)	0.79 ~ 7.62 m
Projection distance	1.00 ~ 7.50 m
Throw ratio	1.13 ~ 1.46:1
Zoom / Digital-Zoom	1:1.3x / 2x
Image Offset	120 % %
Horizontal / Vertical frequency	15 ~ 135 kHz / 24 ~ 240 Hz
Projection Modes	Front- / Rear- & Front-Ceiling- / Rear-Ceiling-Projection
Light technology	240 watt Philips UHP
Life (hr.)	5,000 (standard), 10,000 (eco), 20,000 (eco-Pro)
Keystone Correction	+/- 40° (vertical) manual & automatic, +/- 40° (horizontal) manual, 4-Corner Adjustment
Speaker	1x 10 watt
Weight / incl. packaging (kg)	2.88 kg
Dimensions / Shipping dimensions (mm)	322 x 225 x 94
Power Consumption	310 (standard), 220 (eco), 150 (EcoPro), < 0,5 watt (standby)
Noise level	30 (standard) dB
Uniformity (%)	85 %
Color	-

Input Ports

HDMI with HDCP	2x (2.0b)

Output Ports

USB Type A	1x DC Out 5V
Audio out (3.5 mm)	1x
SPDIF Audio out	1x

Network and Control Ports

RS232	1x

Included Accessory

Power adapter IEC 320 C13	1x (Euro-plug)
HDMI cable	1x (1.80 m)
IR remote control	Yes
Lens cap	1x
Carrying case	Yes
Quick Start Guide	1x

Optional Accessory

Universal ceiling mount short	4713147892877 / MC.JLC11.002
Universal ceiling mount long	4713147892884 / MC.JLC11.003

Warranty

Warranty	2 years PickUp service, 1 year for the lamp, 5 years for the DLP Chip

Usage recommendation

Usage recommendation	Home cinema, gaming

Projection Distance Calculator

Projection Distance Calculator	https://www.acer.com/ac/de/CH/content/acer-projection-calculator

Installation

Easily mount your projector to the ceiling with 360° rotation and up to 25° tilt.

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Auto Shutdown

The Auto Shutdown function automatically shuts down the Acer projector, if no input signal is received after a preset time. This function can be set individually via the menu and helps to save power and lamp hours.

Wall Color Compensation

Wall-Color Compensation: Best image quality enables wall color correction on colored projection surfaces such as blackboards and wallpaper. 5 optimised wall colours can be compensated easily and without any further settings via the menu for best picture quality.

Installation menu

With the help of the installation menu, the Acer projector can be perfectly aligned with the surface to be projected in no time at all. The Installation menu can be accessed by pressing the Menu button even if no source is connected to the projector.

Acer Football Mode

Bring the stadium to your home with Acer Football Mode. The mode automatically adjusts image brightness, saturation, sharpness and gamma to make skin tones more vivid and greens more vivid. Ideal for football fans and sports enthusiasts.

Top Loading Lamp Design

The Top-Loading Lamp design allows for easy lamp replacement without having to disconnect the Acer projector from the bracket when installing overhead via the top of the cabinet. The replacement is comparable to changing an energy-saving lamp.

Original 24p

Experience true cinema at 24 frames per second. The Acer Blu-Ray projector reproduces films in the original cinema format as they were shot on the film set. See 24p movies through the eyes of the director.

Acer Smart Format Technology

Acer SmartFormat technology supports a wide range of input signals, eliminating the need for switching on your notebook/PC, DVD player and receiver. Signals up to 1080p can be received by Acer ColorBoost projectors with HDMI* using Acer SmartFormat technology and can be played back in compressed form. *Depends on model

HDMI 3D

HDMI 3D: The integrated HDMI 1.4a standard allows 3D content to be transferred from suitable playback devices such as 3D Blu-ray players, 3D set-top boxes and 3D game consoles without the need for an additional PC. For example, Acer 3D shutter glasses Bluray 3D movies and 3D TV shows can be viewed in your living room up to 7.62 meters (300") diagonal.

Low Input Lag

Do you attach importance to detail? Thanks to low input lag, lagging is a thing of the past. Whether you're gaming on a large screen or watching the latest action movie - you're always at eye level and get every detail without jerking.

Bluelight Shield

BluelightShield allows users to lower levels of blue light to lessen the negative effects of blue light exposure. There are three levels of filter in projector suitable for different scenario. Each level also contains dynamic mechanism that will optimize the blue light level based on content. BluelightShield can reduces up to 30% blue light and protect your eyes.

Automatic Keystone Correction

Thanks to the automatic vertical keystone correction, the Acer projector automatically compensates for trapezoidal distortion if the projector is not positioned exactly vertically and projects a rectangular image.

HDMI Power On

With the HDMI Power On function, the projector is able to turn on automatically when the projector receives a signal via HDMI or VGA. You no longer need to start the projector separately, but can simply switch on your notebook, receiver or game console and the projector will automatically switch on as well.

HDR

HDR (High dynamic range) is a technique to reproduce a greater dynamic range of luminosity. It preserve 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.

AC Power On

With the AC Power On function, the projector is able to turn on automatically when the projector is powered. You no longer need to turn on the projector separately, but can start the projector directly, for example by turning on the power in the meeting room.

ISF certificated

The calibration according to ISFccc (Imaging Science Foundation) can be performed by specially trained technicians. This calibration offers you in 2 special modes an absolutely perfect image for the lighting conditions prevailing in your home cinema.

Acer Color Safe II

Acer ColorSafe II guarantees consistent, brilliant and natural color projection throughout the life of the projector. This is ensured by the use of DLP® technology and a 5-year warranty on the DLP® chip. Projectors without DLP® technology experience a decrease in colour brilliance over time.