



Acer HL Serie

HL1820



- Light technology: Laser light source
- Life (hr.): 20,000 (standard), 30,000 (eco)



4 Corner Correction



Laser Lamp Life



Keystone Correction



Rec. 2020



Rec. 709



Built-in Speaker



240Hz



I/O Power On



Acer HL1820

SPECIFICATIONS



Ordering Information

Model	HL1820
Article number	MR.POL11.001
EAN	4711474849120

Included Accessory

Quick Start Guide	1x
Carrying case	1x
HDMI cable	1x 1.8 m

Technical Specifications

Projection technology	DLP 3D Ready
DLP Chip	0.65" BrilliantColor™
Version	DarkChip™ 3 DMD
Resolution	-
Display Format	16:9 (native) / 4:3 (supported)
Contrast	-
Displayable Colours	1.07 Billion Colors
Projection size (diagonal)	30" ~ 300" (76.2 cm ~ 762 cm)
Projection distance	0.90 ~ 4.60 m
Zoom / Digital-Zoom	1:1.6x / 2x
Horizontal / Vertical frequency	15 ~ 135 kHz / 24 ~ 240 Hz
Projection Modes	Front- / Rear- & Front-Ceiling- / Rear-Ceiling-Projection
Light technology	Laser light source
Life (hr.)	20,000 (standard), 30,000 (eco)
Keystone Correction	+/- 30° (vertical) manual, +/- 30° (horizontal) manual, 4-Corner Adjustment
Speaker	1x 15 watts (speaker)
Weight / incl. packaging (kg)	2,9 Kg
Dimensions / Shipping dimensions (mm)	286 x 216 x 115,5 mm
Noise level	29dBA (Eco)
Uniformity (%)	80 %
Color	white

Projection Distance Calculator

Projection Distance Calculator	https://www.acer.com/ac/de/CH/content/acer-projection-calculator
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Acer HL1820

ACCESSORIES AND FEATURES

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 Blu-ray 3D movies and 3D TV shows can be viewed in your living room up to 7.62 meters (300") diagonal.



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.



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.



Rec. 709

Rec.709 is the first worldwide uniform standard for HDTV (High Definition Television). By complying with the Rec.709 standard, the projector is able to reproduce any high-definition content, whether it is a television signal, Blu-Ray content, content from video platforms, camcorders or cameras, in the original format and with the same quality.



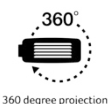
HDMI Power On

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.



360° Projection

The 360° projection offers you highest flexibility and allows you to use the projector in all positions as well as to realize interesting installations. For example, you can project from the deck of the room onto the floor or a table, or mount the projector on its side to project upright.



24/7 Operation

This projector promises maximum reliability and delivers a brilliant image even in 24/7 continuous use.* Especially for signage applications, but also for exhibitions in museums or similar, this projector can be used without any worries.

* Acer recommends that the projector is switched to standby mode for 30 minutes every 7 days.



Rec. 2020

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.



HDR

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.



Instant On/Off

Unlike conventional lamp-based projectors, there is no need to warm up or cool down the device. The user can switch off the projector and then immediately disconnect the power cable without damaging the device, saving time.



Laser light source

The environmentally friendly laser light source is mercury-free, durable and energy-saving. It enables accurate colors and long-lasting brightness stability. The laser light source enables an incredible lifespan of 30,000 hours and therefore 10 years with 8 hours of use per day.

