



# Acer HL Serie

HL1810U



- Light technology: Laser light source
- Resolution: 4K UHD (3,840 x 2,160 px)
- Brightness: 3,500 (standard), 2,800 (eco) ANSI Lumens
- Life (hr.): 20,000 (standard), 30,000 (eco)



4 Corner Correction



Auto Focus



20000  
hrs  
Laser Lamp Life



Rec. 2020  
COMPATIBLE



Rec. 709



Low input lag

VARIABLE  
REFRESH  
RATE



Ultra-short throw



**HDR**  
Compatible



Acer HL1810U

SPECIFICATIONS



Ordering Information

|                |               |
|----------------|---------------|
| Model          | HL1810U       |
| Article number | MR.P0E11.001  |
| EAN            | 4711474818300 |

Included Accessory

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

Technical Specifications

|                                       |                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------|
| Projection technology                 | DLP 3D Ready                                                                            |
| DLP Chip                              | 0.47"                                                                                   |
| Resolution                            | 4K UHD (3,840 x 2,160 px)                                                               |
| Display Format                        | 16:9 (native) / 4:3 (supported)                                                         |
| Contrast                              | -                                                                                       |
| Displayable Colours                   | 1.07 Billion Colors                                                                     |
| Brightness                            | 3,500 (standard), 2,800 (eco) ANSI Lumens                                               |
| Throw ratio                           | 0.25:1                                                                                  |
| Zoom / Digital-Zoom                   | 1:1.3x / 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 & automatic, +/- 30° (horizontal) manual, 4-Corner Adjustment |
| Speaker                               | 2x 5 watt                                                                               |
| Weight / incl. packaging (kg)         | 2,20 kg                                                                                 |
| Dimensions / Shipping dimensions (mm) | 172x 260 x 124,5 mm                                                                     |
| Power Consumption                     | 70 Watts (standard), 40 Watts (eco), <0.5 Watts (standby)                               |
| Noise level                           | 28 dBA (ECO)                                                                            |
| Uniformity (%)                        | 80 %                                                                                    |
| Color                                 | white                                                                                   |

Projection Distance Calculator

|                                |                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Projection Distance Calculator | <a href="https://www.acer.com/ac/de/CH/content/acer-projection-calculator">https://www.acer.com/ac/de/CH/content/acer-projection-calculator</a> |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

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## Acer HL1810U

## 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



### 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.



### 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.



### Ultra-Short Throw Distance

Ultra-short distance projection: By using a special mirror, Acer ultra-short throw projectors project a breathtakingly large image even at a very short distance from the display surface. Ideal for use in classrooms, small conference rooms and traditional school environments, the teacher/presenter is not dazzled or cast a shadow on the projected image. Furthermore, the installation effort is significantly reduced.



### 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.



### Auto Focus

Projecting has never been so easy: thanks to Auto Focus technology, you can place your projector on the table and turn it on, with the image automatically and instantly coming into focus. This saves you valuable time and gives you maximum installation flexibility.



### 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.



### Variable Refresh Rate (VRR)

Get a seamless, tear-free gaming experience and smooth, responsive visuals with this Variable Refresh Rates by default on HDMI 2.0. Variable Refresh Rates technology is designed to eliminate the screen tearing that often occurs when playing computer games. The result of this variable refresh rate is a smooth, tear-free experience in gaming and video playback applications.



### 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.



### 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.

