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Acer ApexVision

Acer L812

The smart ultra-short throw home cinema experience for cinema enthusiasts

- Light technology: Laser diode
- Resolution: 4K UHD (3,840 x 2,160 px)
- Brightness: 4,000 (standard), 3,200 (eco) ANSI lumens
- Contrast: 2,000,000:1
- Life (hr.): 20,000 (standard), 30,000 (eco)
- Warranty: 2 years PickUp service, 1 year for the lamp, 5 years for the DLP Chip

SMART
Smart Projector

Ultra-short throw

4000 ANSI LM
Brightness

20000 hrs
Laser Lamp Life

HDR Compatible

2000000:1
Contrast Ratio

Low input lag

Ordering Information

Model	L812
Part Number	MR.JUZ11.001
EAN	4710886788843

Technical Specifications

Projection technology	DLP 3D Ready & HDMI 3D
DLP Chip	0.47"
Version	DMD
Resolution	4K UHD (3,840 x 2,160 px)
Display Format	16:9 (native) / 4:3 (supported)
Contrast	2,000,000:1
Displayable Colours	1.07 Billion Colors
Brightness	4,000 (standard), 3,200 (eco) ANSI lumens
Focus / Focal distance	F = 2.00 / f = 24.85 mm
Projection size (diagonal)	1.78 ~ 3.81 m
Projection distance	0.60 ~ 0.46 m
Throw ratio	0.25:1
Zoom / Digital-Zoom	fix / 2x
Image Offset	149 % %
Horizontal / Vertical frequency	15 ~ 135 kHz / 24 ~ 240 Hz
Projection Modes	360° Projection
Light technology	Laser diode
Life (hr.)	20,000 (standard), 30,000 (eco)
Keystone Correction	+/- 5° (vertical) manual, +/- 5° (horizontal) manual, 4-Corner Adjustment
Speaker	2x 10 watt
Weight / incl. packaging (kg)	7.70 kg / 10.70 kg
Dimensions / Shipping dimensions (mm)	429 x 389 x 158 / 580 x 560 x 345
Power Consumption	370 (standard), 220 (eco), < 0.5 watt (standby)
Noise level	25 (standard) dB
Uniformity (%)	85 %
Color	-

Input Ports

HDMI with HDCP	2x (2.0)
Audio in (3.5mm)	1x

Output Ports

USB Type A	3x (1x In for wireless adapter, 1x DC Out 5V)
Audio out (3.5 mm)	1x
SPDIF Audio out	1x

Network and Control Ports

Network RJ45	1x (Monitoring)
RS232	1x

Included Accessory

PIN security card	PIN security
Power adapter IEC 320 C13	1x (Euro-plug)
HDMI cable	1x (1.80 m)
IR remote control	Yes
Quick Start Guide	1x
Other accessories	1x USB Wireless Adapter

Optional Accessory

Universal ceiling mount short	4710886696681 / MC.JBG11.00Q
Universal ceiling mount long	4710886696681 / MC.JBG11.00Q

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

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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.

Hidden Dongle Design

Acer Hidden Port Design: The Acer Hidden Port allows you to integrate a compatible wireless adapter without external limitations. The adapter integrates seamlessly into the case, maintaining a stylish design with no rough edges.

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.

PIN Security

Acer PIN Security provides the ability to set a PIN to protect the Acer projector from unauthorized use and theft. A lost PIN can only be reset by the Acer Service after ownership verification.

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.

SmartTV

The smart SmartTV projector gives you the complete audiovisual experience. Download the apps of your choice. Whether streaming (Netflix, Prime ...), music (Spotify, Soundcloud ...) or social media (Instagram, TicToc ...) - there is the right app for everyone.

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.

Instant Pack

InstantPack guarantees the lamp safety of Acer ColorBoost projectors. The current lamps from renowned manufacturers such as Osram and Philips are not damaged in the event of a sudden loss of power. (Acer recommends that the projector be powered until the fan stops) The lamp warranty is 1 year with no hour limit.
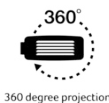
Original 24p

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.

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.

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.

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.

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.

Customizable startup screen

The Customizable Startup Screen allows you to create an individual startup screen per screenshot. This startup screen, no matter if it is the business user's company logo or a home user's favorite photo, is automatically displayed when the projector is started.

Bluetooth Audio

Can one projector be just one projector? No! Thanks to Bluetooth Audio, you can connect your notebook, tablet or smartphone to the projector via Bluetooth and turn it into a music box. Who needs a jukebox when you can have a projector?

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Auto Ceiling Mount Correction

Auto Ceiling-Mount Correction: The built-in gravity sensor in the Acer projector detects when the projector is mounted overhead on a ceiling and automatically rotates the projection 180° without any additional menu adjustments.

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.