Acer PL Serie

Vero PL2820p

Business projector meets laser light source: a perfect combination



- Resolution: 4K UHD (3,840 x 2,160 px)
- Brightness: 4,500 (standard), 3,600 (eco) ANSI lumens
- Life (hr.): 20,000 (standard), 30,000 (eco) hours

4500 ANSI LM
Brightness

AC power on

3 years
3 years PickUp service

Auto Portrait

20000 hrs
Laser Lamp Life

Rec. 2020

Rec. 709

ColorBoost 3D

UHD 4K2K

Built-in Speaker

Acer Vero PL2820p SPECIFICATIONS





Ordering Information

Model	Vero PL2820p
Article number	MR.P0W11.001
EAN	4711474989956

Technical Specifications

Projection technology	DLP 3D Ready
DLP Chip	0.65"
Version	DMD
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	4,500 (standard), 3,600 (eco) ANSI lumens
Focus / Focal distance	-
Projection size (diagonal)	0.76 ~ 7.62 m
Projection distance	-
Horizontal / Vertical frequency	15k ~ 150k Hz / 24 ~ 240 Hz
Projection Modes	Front- / Rear- & Front-Ceiling- / Rear-Ceiling-Projection
Light technology	-
Life (hr.)	20,000 (standard), 30,000 (eco) hours
Speaker	1x 15 watts (speaker)
Weight / incl. packaging (kg)	3,20 kg
Dimensions / Shipping dimensions (mm)	286 x 216 x 115,5 mm / 400 x 168 x 340
Noise level	34 (standard), 29 (eco) dBA
Uniformity (%)	80 %
Color	white

Output Ports

Audio out (3.5 mm)	1x

Network and Control Ports

RS232	1x

Included Accessory

Quick Start Guide	1x
Carrying case	1x
Lens cap	1x
HDMI cable	1x (1.80 m)

Optional Accessory

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

Usage recommendation

Usage recommendation	Office, home office, conference room

Projection Distance Calculator

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

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Universal Ceiling Mount short



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

Universal Ceiling Mount long



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

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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.



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.



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.



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.



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.



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.



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.



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.



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 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.



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.



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Auto Portrait Mode

With the Auto Portrait mode you will experience the optimal adjustment of the projection to your smartphone. The Auto Portrait mode ensures that content is displayed in 16:9 format without annoying borders. Even when you rotate the smartphone, the picture is automatically adjusted so that you always have an optimal picture.



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 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.



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