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Unleash the Power of Color



Acer PD1800

4K UHD Resolution

Rich Color(125% Rec 709 ratio)

Low latency up to 240Hz

LED Light Source

900 lumens brightness



Product Specifications

Model name	PD1800
Projection system	DLP™
Resolution	4K UHD (3,840 x 2,160)
Brightness	1,000 ANSI Lumens (Standard), 800 ANSI Lumens (ECO) (Compliant with ISO 21118 standard)
Aspect ratio	16:9 (Native), 4:3 (Supported)
Contrast Ratio	8,000:1
Throw ratio	1.5~1.65 (100"@3.3m)
Projection lens	F = 2.0 ~ 2.05, f = 15.843 ~ 17.445 mm, Manual Zoom & Focus
Keystone correction	+/-30° (Vertical, Manual & Auto), +/-30° (Horizontal, Manual), 4-Corner adjustment
Lamp life	20,000 Hours (Standard), 30,000 Hours (ECO)
Speaker	5W x1
Noise level	26 dBA (ECO)
Input interface	HDMI 2.0 (HDCP 2.2) x 1
Output interface	PC Audio (3.5mm mini jack) x 1 DC 5V Out (USB Type A) x 1
Control	N/A
Dimensions	238 x 215.4 x 127.4 mm (w/ feet) (9.4" x 8.5" x 5.0")
Weight	2.3 kg (5.07 lbs)

Feature Highlights

Superior Lighting

- LED light source
- Enhanced Color Saturation
- ColorBoost LED
- ColorPurity+
- 1,000 ANSI lumens

Expressive Display

- 4K UHD (3,840 x 2,160)
- Football mode
- HDR10/HLG compatible
- Low input lag 4.2ms@240 Hz
- Up to 240Hz Refresh Rate
- ISFccc certified

Enhanced Usability

- HDMI CEC function
- Acer BlueLight Shield
- Auto Keystone Correction
- 4 corner correction
- Auto Ceiling-Mount Correction
- 5W x 1 speaker

Environment Friendly

- Low TCO
- Eco Projection
- Up to 30,000 hours lifetime

Product images



1000 lumens with LED Light Source

Images appear brighter and more vibrant thanks to the exceptional color saturation provided by the LED source, known as the Helmholtz-Kohlrausch effect. Enjoy long-lasting and consistent brightness with an LED light source, which has 5x less brightness decay than a lamp-based model.



Up to 30,000 hours LED lifespan

LED lighting lets you enjoy outstanding color performance wide color gamut, creating vibrant visuals and delivering consistent color saturation. Its greater bulb durability provides up to 30,000 hours long lifespan. In addition, by eliminating the potential pollution from mercury lamp disposal.



ColorPurity+(LED)

With the ColorPurity+, PD1800 projector not only delivers the richest color and image dynamic, also perfectly smoothen the grey scale of the full range sRGB color space, this makes the projector become the best choice of your home theater.



125% Rec. 709 Wide color gamut

Using three separate Red, Green, Blue LED emitter panels, this projector achieves an extended 125% Rec. 709 wide color gamut and reproduces accurate color balance. The color gamut is 1.5X~2X wider than traditional lamp-based projector. Enjoy outstanding color performance with LED light source.

About Acer

Founded in 1976, today Acer is one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will infuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. More information is at www.acer.com.

