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AOPEN

# AOpen PV Serie powered by Acer

## AOpen PV12a

*Portable LED projection for every location*



- Light technology: RGB LED
- Resolution: 480p (854 x 480 px)
- Brightness: 800 (LED), 220 (Standard), 25 (eco & battery usage) ANSI Lumen
- Contrast: 1.500 : 1
- Life (hr.): 20,000 (standard), 30,000 (eco) hours
- Warranty: Please refer to your local Acer website.



Smart Projector

VARIABLE  
REFRESH  
RATE



Brightness



LED LAMP



Keystone Correction



Light Weight



Bluetooth™  
Audio



Built-in Battery

## AOpen PV12a

## SPECIFICATIONS



### Ordering Information

Model	PV12a
Part Number	MR.JV311.001
EAN	4710886876458

### Technical Specifications

Projection technology	DLP
DLP Chip	0.20"
Version	DMD
Resolution	480p (854 x 480 px)
Display Format	16:9 (native) / 4:3 (supported)
Contrast	1,500 : 1
Displayable Colours	16.7 Million Colors
Brightness	800 (LED), 220 (Standard), 25 (eco & battery usage) ANSI Lumen
Focus / Focal distance	F = 1.60 / f = 5.02 mm
Projection size (diagonal)	0.73 ~ 2.54 m
Projection distance	0.70 ~ 2.90 m
Throw ratio	1.30:1
Zoom / Digital-Zoom	1:1.0x / -
Image Offset	100 % %
Horizontal / Vertical frequency	33.2 kHz / 50 ~ 60 Hz
Projection Modes	360° Projection
Light technology	RGB LED
Life (hr.)	20,000 (standard), 30,000 (eco) hours
Keystone Correction	+/- 30° (vertical) manual & automatic
Speaker	1x 2 watts (Bluetooth speakers)
Weight / incl. packaging (kg)	0.46 kg / 0.93 kg
Dimensions / Shipping dimensions (mm)	115 x 115 x 36
Power Consumption	30 (standard), 6.5 (eco), < 0.5 watt (standby)
Noise level	20 (eco) dB
Uniformity (%)	85 %
Color	dark grey

### Input Ports

HDMI with HDCP	1x
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### Output Ports

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

### Included Accessory

Power adapter IEC 320 C13	1x (Euro- & UK-plug)
HDMI cable	1x (45 cm)
IR remote control	1x wireless adapter (UWA5)
Carrying case	1x
Quick Start Guide	1x
Other accessories	1x wireless adapter (UWA5)

### Optional Accessory

Spare lamp	UC.JR711.002 / UC.JR711.002
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### Warranty

Warranty	Please refer to your local Acer website.
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### Usage recommendation

Usage recommendation	Mobile LED projection at every place in every situation
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### Projection Distance Calculator

Projection Distance Calculator	<a href="https://www.aopen.com/DE_de/support/resources/projection_calculator">https://www.aopen.com/DE_de/support/resources/projection_calculator</a>
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### Multimedia and Connectivity

Supported media formats	Video: AV1, H.265, VP9, MPEG1, VOB, TS, MPEG4, XVID, H.264, VC1, VP8; Audio: MPEG1, LPCM, ADPCM, ALAC, FLAC, AAC, WAV, AIFF, OGG, WMA; Image: JPEG
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## AOpen PV12a

## ACCESSORIES AND FEATURES

### Multimedia Playback

Multimedia Playback: Project images, videos, music, office files or PDF documents directly from the USB stick. You don't even have to switch on your PC!



### Power Bank

Use your projector not only in its traditional way, but also simply as a power bank. For example, you can charge your smartphone via the projector. Especially on the road you don't want to do without this feature!



### 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.



### 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?



### 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.



### 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.



### 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.



### Build-in battery

With the battery integrated in the projector, you can project anytime and anywhere. You do not need a power cable or a nearby socket, and the signal cable is completely eliminated. Enjoy complete movies or hold various presentations without having to charge the battery or carry any cables.



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