

PKA31

Portable Power, Big Impact

Optoma's PKA31 Pico pocket projector provides projection power anywhere. Featuring up to 50 ANSI lumens and native widescreen WVGA resolution, the palm-sized PKA31 enables you to easily display videos, photos and graphics at home or on the road. The included Apple connection kit allows you to connect your iPod, iPhone or iPad to share your multimedia content directly whether it be for business purposes or just for fun. A wide variety of inputs and the ability to playback content from onboard memory add to the PKA31's versatility. Capable, compact and ultra-portable, the PKA31 sets a new standard for mobile projecting.

Features & Benefits

- Truly portable - palm size, lightweight, and rechargeable
- Project large widescreen images of up to 120" diagonal
- Apple Connection Kit – share the fun from the iPod, iPhone, or iPad with the included kit
- MicroSD card slot allows for memory expansion
- LED light source lasts over 20,000 hours while producing excellent color
- Store your images, videos and presentations on the PKA31 for convenient playback
- VGA adapter – project images from your VGA-compatible laptop or netbook
- Full assortment of I/O ports, including HDMI, USB, VGA, and video, allows for easy connections to a variety of devices such as digital cameras and camcorders



Specifications

Projection Type:	DLP®
Resolution	Native WVGA (854 x 480)
Maximum Resolution	WXGA (1280 x 800) through VGA Adapter; HD (1080i) through HDMI
Brightness	50 ANSI Lumens Bright Mode (with AC Power Adapter or Optional Extended Power Battery Pack); 20 ANSI Lumens STD Mode
Contrast Ratio	2000:1 (Full On/Full Off)
Light Source	LED (RGB); Estimated Life of Over 20,000 Hours*
Throw Ratio	1.8:1 (Distance/Width)
Projection Distance	8" to 189"
Image Size (Diagonal)	5" to 120" (16:9 Native)
Aspect Ratio	16:9 Native; 4:3 Compatible
Battery	Li-ion Rechargeable (3.7V, 1410mAh)
Battery Life (ECO/STD)	Estimated at 90+ Minutes/45+ Minutes
Displayable Colors	100% NTSC Color Gamut
Audio	One 0.5-Watt Speaker, Headphone-Out
Computer Compatibility	WXGA, XGA, SVGA, VGA, VESA, PC and Macintosh Compatible
Video Input Compatibility	NTSC, PAL, SDTV (480i), EDTV (480p), HDTV (720p, 1080i)
Memory	28MB Internal; microSD Slot Supports Up to 32GB SDHC
Video File Compatibility	AVI, MOV, MP4, 3GP (Common Video Formats are Converted Using Optoma Pico Video Encoder**)
Image File Compatibility	JPEG, BMP (PowerPoint Files are Converted Using Optoma Pico Video Encoder**)
I/O Connectors	24-Pin Universal Port, 2.5mm Jack AV Input (Composite Video and Stereo Audio-In), Micro USB, Mini HDMI, microSD Slot, 3.5 mm Audio-Out Jack, DC Input Jack
Weight	8 oz (227g) with Standard Battery
Dimensions (W x H x D)	4.7" x 1.2" x 2.7"; (120.1 x 29.7 x 69.8mm)
Noise Level	Silent (No Fans or Moving Parts)
Warranty	1 Year Limited Parts and Labor, 90 Days on Battery
Standard Accessories	Apple Connection Kit, Power Adapter, Rechargeable Li-ion Battery, Male USB Cable, Standard A/V Cable (RCA to Mini-Jack), Universal to VGA Cable, Bag
Optional Accessories	Universal to Component Cable, Additional Standard Battery, Mini HDMI to HDMI Cable, Remote Control, Extended Power Battery Pack
UPC	796435 41 200 5



* Lamp life is dependent upon many factors, including lamp mode, display mode, usage environmental conditions and more. Lamp brightness can decrease over time

** Optoma Pico Video Encoder is not Mac compatible. For more help on using Pico with Apple products and Mac OS, go to www.optomausa.com > Support > FAQ.

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