



Home Entertainment – Photon Beam PK52

4K UHD Laser Projector

Display/image	Display technology	DLP®
	Resolution	4K UHD (3840x2160)
	Brightness	3500 Lumens
	Contrast ratio	1,500,000:1
	Native aspect ratio	16:9
	Aspect ratio - support	4:3, 16:9, 16:10
	Keystone correction - horizontal	+/-30°
	Keystone correction - vertical	+/-30°
	Horizontal scan rate	15 KHz ~ 255 KHz
	Vertical scan rate	24 Hz ~ 120 Hz
	Uniformity	80%
	Screen size	28" ~ 300" (mechanism travel, optimized@82") diagonal
	Light source	Light source type
Light source life		30,000 hours (eco mode)
Optical	Throw ratio	1.21 ~ 1.59
	Projection distance	1000 mm ~ 8000 mm (28" ~ 300")
	Zoom	1.3
	Zoom type	Manual
	Focal length (mm)	12.81 mm ~ 16.74 mm
	Native offset	105%±5%
Connectivity	Connections	Inputs 2 x HDMI 2.0 (one supports ARC out) Outputs 1x USB-A power 1.5A, 1 x Audio out 3.5mm Control 1 x RS232, 1 x 12V trigger
General	Noise level (min)	28 dB
	Noise level (max)	33 dB
	PC compatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
	2D compatibility	480i/p, 576i/p, 720p (50/60Hz), 1080i (50/60Hz), 1080p (24/30/50/60/120Hz), 2160p (24/30/50/60Hz)
	3D compatibility	No
	3D	N/A
	Security	Security bar, Kensington Lock, Password protected interface
	OSD / display languages	27 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnamese
	24/7 operation	Yes
	360° operation	Yes
	Operating conditions	Max Temperature (operating): 0 ~ 40°C; Tolerance +/- 2°C Max Altitude (operating): 10,000 ft., for 0°C~30°C Max Humidity (operating): 80% RH, non-condensing
	Remote control	Backlit remote control
	Speaker count & Watts per speaker	1 x 15 W
	In the box	AC power adapter Remote control 2x AAA batteries Quick start user manual
Networking	LAN - control	N/A
Power	Power supply	AC 100 ~ 240V, 50 ~ 60 Hz
	Power consumption (standby)	0.5 W
	Power consumption minimum (eco mode)	85 W (typical), 98 W (max) @110V AC 83 W (typical), 96 W (max) @220V AC
	Power consumption maximum (bright mode)	150 W (typical), 173 W (max) @ 110V AC 148 W (typical), 170 W (max) @220V AC
Weight and dimensions	Dimensions (W x D x H)	W/o feet: 274 mm x 215.5 mm x 101 mm / 10.8" x 8.5" x 4.0" With feet: 274 mm x 215.5 mm x 114 mm / 10.8" x 8.5" x 4.5"
	Gross weight	4.5 kg ± 0.5 kg / 9.92 lbs ± 1.10 lbs
	Net weight	3.4 kg ± 0.5 kg / 7.50 lbs ± 1.10 lbs