EH512
Bright projection with installation flexibility and control
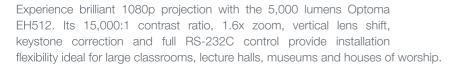
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Eco+

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- **Bright 1080p projection featuring 5,000 lumens and 15,000:1 contrast ratio**

- **PC-free USB image viewer and office document reader**

- **Wireless presentations and images with HDCast Pro (optional USB Wi-Fi adapter required)**

- **Vertical lens shift, keystone correction and full RS-232C control**

Experience brilliant 1080p projection with the 5,000 lumens Optoma EH512. Its 15,000:1 contrast ratio, 1.6x zoom, vertical lens shift, keystone correction and full RS-232C control provide installation flexibility ideal for large classrooms, lecture halls, museums and houses of worship.

For more complex installations, this projector is equipped with a large zoom range, vertical lens shift, HV keystone and four corner adjustment - ideal for uneven walls or awkward installations with difficult angles.

Specifications

Display/image

Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	5,000 lumens
Contrast ratio	15,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-20°
Keystone correction - vertical	+/-20°
Has vertical auto keystone correction	Yes
Horizontal scan rate	15.375 ~ 91.146Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	85%
Screen size	26.2" ~ 301.1" diagonal

Lamp info

Light source type	Lamp
Lamp watts	330
Lamp life hours (up to)	3000 (Bright), 6000 (Dynamic), 5000 (Eco), 7000 (Eco+)

Optical

Throw ratio	1.41:1 ~ 2.24:1
Projection distance	51.18" - 370.08"
Zoom	1.6
Zoom type	Manual
Focal length (mm)	20.91 ~ 32.62
Lens shift	Vertical +17%
Native offset	99%

Connectivity

Connections	**Inputs** 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x USB-A reader/wireless
	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 3D sync, 1 x 12V trigger
	Control 1 x USB-A power 1.5A, 1 x RS232, 1 x RJ45

General

Noise level (typical)	30dB
Noise level (max)	32dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	21 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish
Operating conditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Data remote with laser and mouse function
Speaker count	2
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Optional wireless models	QuickCast Bundle, QuickCast starter kit, WHD200, WUSB

Networking

LAN - control	Yes
LAN - display	Yes
LAN - wireless networking	Yes - optional

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	310W
Power consumption (max)	390W

Weight and dimensions

Dimensions (W x D x H)	14.53" x 11.61" x 5.2"
Gross weight	13.32 lbs
Net weight	11.31 lbs