

# EH412

High resolution, versatile and powerful



- **Bright 1080p projector – 4500 ANSI lumens**
- **Easy connectivity – HDMI, VGA, USB Power**
- **Clear, powerful audio - 10W speaker**
- **Lightweight and portable**

Beam bright, eye catching content with the Full HD 1080p EH412 projector. Perfect for classroom and meeting room presentations, this projector is designed to be used at any time of day.

Additionally, it boasts easy connectivity with multiple inputs including HDMI, VGA and a built in 10W speaker. You can even use the USB Power to connect and power HDMI dongles such as the Google Chromecast.

## Specifications

<b>Display/image</b>	
Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	4,500 lumens
Contrast ratio	22,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
Horizontal scan rate	15.38 ~ 91.15KHz
Vertical scan rate	50 ~ 85(120 for 3D)Hz
Uniformity	70%
Screen size	0.78m ~ 7.66m (30.8" ~ 301.4") (diagonal)
<b>Lamp info</b>	
Light source type	Lamp
Lamp watts	240
Lamp life (hours)	4000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)
<b>Optical</b>	
Throw ratio	1.12:1 - 1.47:1
Projection distance (m)	1m - 7.5m
Zoom	1.3
Zoom type	Manual
Focal length (mm)	16.9 ~ 21.6
Native offset	116%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm <b>Outputs</b> 1 x Audio 3.5mm, 1 x USB-A power 1.5A <b>Control</b> 1 x RS232
<b>General</b>	
Noise level (typical)	26dB
PC compatibility	UHD, WUXGA, 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/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	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
<b>Power</b>	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	200W
Power consumption (max)	285W
<b>Weight and dimensions</b>	
Net weight	2.91kg
Dimensions (W x D x H) mm	316 x 244 x 108

