

# H190X

Big screen entertainment, bright HD ready projector



- **Lights on viewing – 3900 ANSI lumens**
- **Easy connectivity – HDMI, VGA, USB Power**
- **Clear, powerful audio - 10W speaker**
- **Lightweight and portable**

Project any time of day using this bright, portable compact projector. Designed for watching TV shows, sports and movies or playing the latest action-packed games on a huge screen. This is your perfect HD ready home entertainment projector.



## Specifications

<b>Display/image</b>	
Display technology	DLP
Resolution	WXGA (1280x800)
Brightness	3,900 lumens
Contrast ratio	30,000:1
Native aspect ratio	16:10
Aspect ratio - compatible	4:3,16:9
Keystone correction - vertical	+/-40°
Horizontal scan rate	15.38 ~ 91.15Khz
Vertical scan rate	50 ~ 85(120 for 3D)Hz
Uniformity	75%
Screen size	0.82m ~ 7.61m (32.24" ~ 299.53") diagonal
<b>Lamp info</b>	
Light source type	Lamp
Lamp watts	203
Lamp life hours (up to)	6000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)
<b>Optical</b>	
Throw ratio	1.55:1 ~ 1.73:1
Projection distance (m)	1m - 12m
Zoom	1.1
Zoom type	Manual
Focal length (mm)	21.85 mm~24mm/0.86"~0.945"
Native offset	112%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm <b>Outputs</b> 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1A <b>Control</b> 1 x RS232
<b>General</b>	
Noise level (typical)	27dB
Noise level (max)	29dB
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	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/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Card style
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control Battery Basic user manual
Optional wireless models	WHD200
<b>Power</b>	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	187W
Power consumption (max)	225W
<b>Weight and dimensions</b>	
Dimensions (W x D x H) mm	316 x 244 x 108
Gross weight	4.4 kg
Net weight	3 kg

