

## HD31UST

1080p ultra short throw home entertainment projector





- Lights on viewing bright 3400 lumens
- Ultra short throw lens 100" image from less than half a metre away
- Enjoy live sports, TV shows and gaming in Full HD 1080p
- Easy to setup horizontal and vertical keystone and four corner adjustment

Experience a super-sized 100-inch image with this ultra short throw projector placed just 30cm away from a wall or screen. Perfect for live sports, TV shows, films and gaming with it's bright, razor sharp images with optimum colour performance even with the lights on.



## **Specifications**

Display/image		
Display technology	DLP	
Resolution	1080p Full HD (1920x1080)	
Brightness	3,400 lumens	
Contrast ratio	28,000:1	
Native aspect ratio	16:9	
Aspect ratio - compatible	4:3,16:9	
Keystone correction -	+/-4°	
horizontal		B I G
Keystone correction -	+/-4°	
vertical		
Horizontal scan rate	15.375 ~ 91.147Khz	
Vertical scan rate	24 ~ 85(120 for 3D)Hz	
Uniformity	80%	
Screen size	2.03m ~ 2.54m (80" ~ 100") (diagonal)	
Lamp info		•
Light source type	Lamp	
Lamp watts	240	
Lamp life (hours)	4000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)	
	4000 (Bright), 12000 (Byhamio), 10000 (200), 10000 (2001)	-
Optical Throw ratio	0.25:1	
Projection distance (m)	0.45m - 0.56m	
Zoom type	Fixed	
Focal length (mm)	3.72	
Native offset	118%	-
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, 2 x USB-A reader/wireless	
	Outputs 1 x VGA, 1 x Audio 3.5mm	
	Control 1 x RS232, 1 x RJ45	
General		-
Noise level (typical)	26dB	
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,	
2B compatibility	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:	
	zu la lyuages.	
	Arabic,Czech,Danish,Dutch,English,Farsi,Finnish,French,Germ (simplified),Spanish,Swedish,Chinese	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m	an, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian,
Operating conditions Remote control	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 1	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
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Operating conditions Remote control Speaker count Watts per speaker	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker	<ul> <li>Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese</li> <li>5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function</li> <li>1</li> <li>16W</li> <li>AC power cord</li> <li>Remote control</li> <li>2x AAA batteries</li> </ul>	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker In the box	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker In the box Networking	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual Yes	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control LAN - display	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
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Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control LAN - display Power Power supply	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual Yes Yes 100 ~ 240V, 50 ~ 60Hz	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian, -
Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control LAN - display Power Power P Power consumption	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual Yes Yes	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control LAN - display Power Power supply Power consumption (standby)	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual Yes Yes 100 ~ 240V, 50 ~ 60Hz 0.5W	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian,
Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control LAN - display Power Power supply Power consumption (standby) Power consumption (min)	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual Yes Yes 100 ~ 240V, 50 ~ 60Hz 0.5W 200W	an, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian,
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Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control LAN - display Power Power supply Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions	Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, Germ (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual Yes Yes 100 ~ 240V, 50 ~ 60Hz 0.5W 200W 275W	an,Greek,Hungarian,Indonesian,Italian,Japanese,Norwegian,Polish,Portuguese,Romanian, - -

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