

# ZH500T

Brighter for longer – 20,000 hours full brightness

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- **Bright Full HD 1080p laser projector - 5000 Lumens**
- **20,000 hours maintenance-free laser light source at full brightness**
- **Dust resistant – Independently tested, IP5X certification for total reliability**
- **Versatile orientation including 360° projection**

The ZH500T professional laser projector offering 5000 lms Full HD 1080p resolution. Advanced optical components, a lightweight chassis, IP5X-certified dust resistant optical engine are just some features on this affordable projector. Designed for maintenance free, continuous operation, 24 hours a day. The ZH500T is truly fit and forget. Horizontal and vertical lens shift come as standard, as does an impressive 1.6x optical zoom. The projector can be installed in any orientation without effecting performance and the HdBaseT connectivity further adds to installation flexibility by allowing users to easily send and display audio and video files with a single cable.

## Specifications

<b>Display/image</b>	
Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	5,000 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3, 16:9, 16:10
Keystone correction - horizontal	30
Keystone correction - vertical	30
Horizontal scan rate	15.375 ~ 91.146Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	85%
Screen size	0.76m - 7.62m (30in - 300in)(Diagonal)
<b>Lamp info</b>	
Light source	Laser
LASER life	20,000 hours
<b>Optical</b>	
Throw ratio	1.2:1 - 1.92:1
Projection distance (m)	1.28m - 7.99m
Zoom	1.6
Zoom type	Manual
Focal length (mm)	17.63 ~ 31.36
Lens shift	Vertical +25, 0% Horizontal +10, -10%
Native offset	105%
<b>Connectivity</b>	
Connections	<p><b>Inputs</b> 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x Microphone, 1 x RS232, 1 x USB-A power 1.5A, 1 x USB-B service, 1 x Wired remote, 1 x RJ45, 1 x HDMI 1.4a 3D support + MHL, 1 x HDBaseT, 1 x HDMI 1.4a 3D support, 1 x 3D sync</p> <p><b>Outputs</b> 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger</p>
<b>General</b>	
Noise level (typical)	28dB
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/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	18 languages: Arabic, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional), Turkish
24/7 operation	Yes
360° operation	Yes
Operating conditions	5°C ~ 40°C, Max. Humidity 90%, Max. Altitude 3000m
Remote control	Wired backlit PRO AV remote
Speaker count	2
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
<b>Networking</b>	
LAN - control	Yes
<b>Power</b>	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	260W
Power consumption (max)	370W
<b>Weight and dimensions</b>	
Net weight	10.7kg
Dimensions (W x D x H) (mm)	405 x 387 x 159

