

ZH506T-B

High brightness professional laser projector



- **Bright FullHD 1080p laser projector - 5000 ANSI Lumens**
- **30,000 hours maintenance-free laser light source at full brightness**
- **Small and lightweight chassis**
- **4K and HDR compatible**

The ZH506T-B projector is more convenient than ever with a longer life and a smaller, lighter chassis. 4K and HDR compatible, the ZH506T-B is a low maintenance projector with extremely long-life laser technology at an impressive 5000 lumens.

With 1.6 zoom, vertical lens-shift and built-in 10W speakers, the ZH506T-B is part of a range of products that come with the added control flexibility of HDBaseT and Crestron.

Suitable for a wide variety of applications, 16:09 native at Full HD 1080p make this unit perfect for large venues, education, museums, houses of worship and anywhere a clean, bright image is required.

Specifications

Display/image	
Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	5,000 lumens
ANSI 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°
Has vertical auto keystone correction	Yes
Displayable colors (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 KHz
Vertical scan rate	50 ~ 85 Hz (120Hz for 3D)Hz
Uniformity	85%
Screen size	28.3" ~ 300" diagonal
Lamp info	
Light source type	Laser
LASER life	30,000 hours
Optical	
Throw ratio	1.4:1 ~ 2.24:1
Projection distance	39.37" - 393.7"
Zoom	1.6
Zoom type	Manual
Focal length (mm)	20.91mm~32.62mm/0.823"~1.284"
Lens shift	Vertical -103 ~ 118%
Native offset	103%
Lens shift	Yes - {{downloads_link}}
Connectivity	
Connections	Inputs 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 2 x VGA (YPbPr/RGB), 1 x Composite video, 1 x RS232, 1 x Mic 3.5mm, 1 x Audio 3.5mm, 1 x HDBaseT, 1 x 12V trigger, 1 x S-Video, 1 x RJ45 Outputs 1 x VGA, 1 x USB-A power 1.5A, 1 x Audio 3.5mm
General	
Noise level (typical)	28dB
Noise level (max)	33dB
PC compatibility	UHD, 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
IP rating	IP5X
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
24/7 operation	Yes
360° operation	Yes
Operating conditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Backlit ProAV remote
Speaker count	2
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Optional wireless models	HDCast Pro, QuickCast Bundle
Networking	
LAN - control	Yes
Power	
Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	190W
Power consumption (max)	341W
Weight and dimensions	
Dimensions (W x D x H)	14.72" x 11.89" x 4.61"
Gross weight	17.2 lbs
Net weight	12.13 lbs

