

## ZH406ST

Compact high brightness short throw laser projector





- Bright Full HD 1080p DuraCore laser projector -4000 lumens
- Short throw lens 100" image from just over a metre away
- Ultimate Control Crestron, Extron, AMX, PJ-Link and Telnet LAN commands
- 30,000 hours maintenance-free laser light source



The ZH406ST is a compact short throw Full HD 1080p DuraCore laser projector. Designed for maintenance-free, continuous operation it can be installed in virtually any orientation.

Pack full of features this compact laser projector has built-in speakers, is 4K and HDR compatible, and is low maintenance with extremely long-life laser technology. For ultimate control, the projector comes with RJ45 connection allowing you to monitor and control your network in multiple rooms.

Perfect for business, education and museums senarios where a clean bright image is required.

## **Specifications**

Display/image	
Display technology	
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction -	+/-15°
norizontal	
Keystone correction - vertical	+/-15°
Has vertical auto keystone	Yes
correction	
Displayable colours (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 Khz
Vertical scan rate	50 ~ 120Hz
Jniformity	85%
Screen size	0.92m ~ 7.63m (36.4" ~ 300.5") diagonal
Lamp info	
_ight source type	Laser
ASER life	30,000 hours
Optical	
Throw ratio	0.5:1
Projection distance	0.4m - 3.3m
Zoom type	Fixed
Focal length	7.51mm
lative offset	115%
Connectivity	
Connections	Inputs 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA
	(YPbPr/RGB), 2 x Audio 3.5mm, 1 x Microphone, 1 x Composite video
	Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1.5A
	Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x micro USB
	service, 1 x 3D sync
General	
loise level (min)	30dB
loise level (min)	32dB
PC compatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz
5 compatibility	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480/p, 576i/p, 720p(50/60Hz), 1080(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
P rating	IP6X
	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi,
OSD / display languages	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
24/7 operation	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes
24/7 operation 360° operation	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes
24/7 operation 360° operation	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max
24/7 operation 860° operation Operating conditions	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
24/7 operation 360° operation Operating conditions Remote control	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote
24/7 operation 60° operation Operating conditions Remote control Heat dissipation	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour
24/7 operation 60° operation Operating conditions Remote control Heat dissipation Speaker count	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C-40°C/41°F-104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2
24/7 operation 60° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W
	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control
14/7 operation 60° operation Operating conditions Remote control Heat dissipation Speaker count Vatts per speaker	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual
24/7 operation 860° operation Deperating conditions Remote control Heat dissipation Speaker count Watts per speaker n the box	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control
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24/7 operation 360° operation Deprating conditions Remote control Heat dissipation Speaker count Watts per speaker n the box Deptional wireless models Networking LAN - control Power	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes
24/7 operation 360° operation Deprating conditions Remote control Heat dissipation Speaker count Watts per speaker n the box Deptional wireless models Networking LAN - control Power	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit
24/7 operation 360° operation Deperating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Diptional wireless models Networking AN - control Power Power Power supply	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes
24/7 operation 360° operation Deperating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Diptional wireless models Networking _AN - control Power Power supply Power consumption (standby)	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes
24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Supply Power consumption (standby) Power consumption (min) Power consumption (max)	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W
24/7 operation 360° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Vetworking AN - control Power Power consumption (standby) Power consumption (max) Power consumption (max) Neight and dimensions	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W 206W 269W
24/7 operation 60° operation Operating conditions Remote control Heat dissipation Speaker count Watts per speaker In the box Optional wireless models Networking AN - control Ower Power consumption (standby) Power consumption (max) Neight and dimensions Dimensions (W x D x H)	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes S°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W 206W 269W
24/7 operation 360° operation Deperating conditions Remote control Heat dissipation Speaker count Watts per speaker n the box Diptional wireless models Networking _AN - control Power Power supply Power consumption (standby) Power consumption (min)	Turkish, Vietnamese Yes Yes 5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85% Backlit ProAV remote 918BTU/hour 2 10W AC power cord Remote control Basic user manual UHDCast Pro, QuickCast Bundle, QuickCast starter kit Yes 100 ~ 240V, 50 ~ 60Hz <0.5W 206W 269W







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