ZH510Te

Brighter for longer – 30,000 hours full brightness



- **Bright Full HD 1080p laser projector - 5500 Lumens**
- **30,000 hours maintenance-free laser light source at full brightness**
- **Dust resistant – Independently tested, IP5X certification for total reliability**
- **Versatile orientation including 360° projection**

The ZH510Te is a ProAV projector offering bright, vivid image quality at 5,500 lumens (5000 ANSI) in Full HD 1080p resolution. Using advanced optical components and a lightweight compact chassis. The ZH510Te has an IP5X-certified dust resistant laser phosphor optical engine. Designed for maintenance free, continuous operation, 24 hours a day. The ZH510Te is truly a fit and forget projector. Developed for maximum flexibility, this solid-state laser projector includes a fixed lens with horizontal and vertical lens shift, offering a unique 1.2-2.13 throw ratio and a zoom ratio of 1.8x. The projector can be installed in any orientation including vertically up, down and portrait without effecting performance. The HdBaseT feature further adds to installation flexibility by allowing users to easily send and display audio and video files with a single cable.

Specifications

Display/image	
Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	5,500 lumens
ANSI brightness	5,500 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	80%
Screen size	0.69m - 7.65m (27.2in - 301.1in)
Lamp info	
Light source	Laser
LASER life	30,000 hours
Optical	
Throw ratio	1.2:1 - 2.13:1
Projection distance (m)	1.3m - 8m
Zoom	1.8
Zoom type	Manual
Focal length (mm)	17.63 ~ 31.36
Lens shift	Vertical +20, -10%Horizontal +10, -10%
Native offset	100%
Connectivity	
Connections	**Inputs** 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 12V trigger, 1 x RJ45, 2 x HDMI 1.4a 3D support + MHL, 1 x HDBaseT, 1 x HDMI 1.4a 3D support, 1 x 3D sync **Outputs** 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm
General	
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/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	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
Networking	
LAN - control	Yes
Power	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (max)	480W
Weight and dimensions	
Net weight	11kg
Dimensions (W x D x H) (mm)	405 x 387 x 159





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