

ZW500T

Brighter for longer – 30,000 hours full brightness



- Bright WXGA 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 ZW500T professional laser projector offering 5000 lms at WXGA (1280 x 800) resolution. The Advanced optical components, a lightweight chassis and 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 ZW500T 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

Disculso /income		
Display/image	DLP	
Display technology Resolution		
	WXGA (1280x800) 5,000 lumens	
Brightness ANSI brightness	5,500 lumens	On off
Contrast ratio	300,000:1	
Native aspect ratio	16:10	
Aspect ratio - compatible	4:3,16:9,16:10	Geometric Correction PIP/PBP
Keystone correction -	+.3,10.9,10.10 +/-30°	
horizontal	±/-30	F1 F2
Keystone correction -	+/-30°	Mode AV Mute
vertical		
Horizontal scan rate	15.375 ~ 91.146Khz	
Vertical scan rate	24 ~ 85(120 for 3D)Hz	
Uniformity	85%	
Screen size	0.76m ~ 7.62m (30" ~ 300") (diagonal)	
Lamp info		Infe.
Light source type	Laser	Source Re-Sync
LASER life	20,000 hours	(F3)
Optical		Volume D Zoom
Throw ratio	1.26:1 - 2.01:1	+ +
Projection distance (m)	1.3m - 8.14m	Menu
Zoom	1.6	
Zoom type	Manual	Format Freeze Remote
Focal length (mm)	17.63 ~ 31.36	
Lens shift	Vertical +20%, Horizontal +10%	VGA S-Video HDMI1 HDMI2
Native offset	105%	1 2 3 HDBaseT Video DVI HDMI3
Connectivity Connections		
	Inputs 1 x VGA (YPbPr/RGB), 1 x HDMI 1.4a 3D support, 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 HDBaseT, 1 x HDMI 1.4a 3D support + MHL, 1 x 3D sync	BNC YPbPr DisplayPart 30 7 8 9 0
	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger	
General	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V	
	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V	
Noise level (typical)	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac	
General Noise level (typical) PC compatibility 2D compatibility	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p,	
Noise level (typical) PC compatibility	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac 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 480/p, 576l/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack:	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//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) Side-by-Side:1080i50 / 60, 720p50 / 60 Side-by-Side:1080i50 / 60, 720p50 / 60 Full 3D	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H///MN, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/MN, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc (simplified),Spanish,Chinese (traditional),Turkish	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC MJ, 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), 1080(50/60Hz), 1080(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc,c. (simplified),Spanish,Chinese (traditional),Turkish Yes	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC MJ, 3.58MHz, 4.43MHz PAL B/D/G/H//M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Ncg-r (simplified),Spanish,Chinese (traditional),Turkish Yes	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC MJ, 3.58MHz, 4.43MHz PAL B/D/G/H//M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc,c (simplified),Spanish,Chinese (traditional),Turkish Yes Yes 5°C ~ 40°C, Max. Humidity 90%, Max. Altitude 3000m	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count Watts per speaker	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480/p, 576/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 380° operation Operating conditions Remote control Speaker count Watts per speaker In the box	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H///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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc, (simplified),Spanish,Chinese (traditional),Turkish Yes 5°C ~ 40°C, Max. Humidity 90%, Max. Altitude 3000m Wired backlit PRO AV remote 2 10W AC power cord Remote control 2x AAA batterias Basic user manual	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation 360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H///M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation 360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control Power	Durbuts 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//MN, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz4 800/p, 576/v, 720p50/60/6H2, 1080(50/60Hz), Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc Yes °°C ~ Avo°C, Max. Humidity 90%, Max. Altitude 3000m Wired backlit PRO AV remote 2 10W AC power cord Remote control 2x AAA batteries Basic user manual	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count Watts per speaker in the box Networking LAN - control Power Power Power	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC MJ, 3.58MHz, 4.43MHz PAL B/D/G/H/I/MN, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480//p, 576//p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc	
Noise level (typical) PC compatibility 2D compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control Power Power Power consumption	Durbuts 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//MN, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz4 800/p, 576/v, 720p50/60/6H2, 1080(50/60Hz), Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc Yes °°C ~ Avo°C, Max. Humidity 90%, Max. Altitude 3000m Wired backlit PRO AV remote 2 10W AC power cord Remote control 2x AAA batteries Basic user manual	
Noise level (typical) PC compatibility 2D compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control Power Power consumption (standby)	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC MJ, 3.58MHz, 4.43MHz PAL B/D/G/H/I/MN, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480//p, 576//p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc	
Noise level (typical) PC compatibility 2D compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control Power Power consumption (standby) Power consumption (min)	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H///MN, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480/p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control Power Power consumption (standby) Power consumption (min) Power consumption (max)	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//MN, 4,43MHz SECAM B/D/G/K/K/L1, 4.25/4.4MHz4 840/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc Yes Yes Yes Yes 10W AC power cord Remote control 2x AAA batteries Basic user manual Yes 100 ~ 240V, 50 ~ 60Hz 0.5W 250W 370W	
Noise level (typical) PC compatibility 2D compatibility 3D compatibility 3D Security OSD / display languages 24/7 operation 360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Networking LAN - control Power Power supply Power consumption (min) Power consumption (max)	Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 12V trigger 28dB FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H//M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar,Kensington Lock,Password protected interface 18 languages: Arabic,Danish,Dutch,English,Finnish,French,German,Italian,Japanese,Nc, (simplified),Spanish,Chinese (traditional),Turkish Yes 5°C ~ 40°C, Max. Humidity 90%, Max. Altitude 3000m Wired backlit PRO AV remote 2 10W AC power cord Remote control 2x AAA batteries Basic user manual Yes 100 ~ 240V, 50 ~ 60Hz 0.5W 250W	

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