LW500ST

DLP Projector

→ LED Light Source 2000 ANSI Lumens
→ Short Throw 0.72-0.87
→ Zoom Ratio 1.2x
→ HDMI
→ Screen Fill
→ 2D Keystone and Corner Fit
→ Auto Vertical Keystone
→ Digital Shrink and Shift

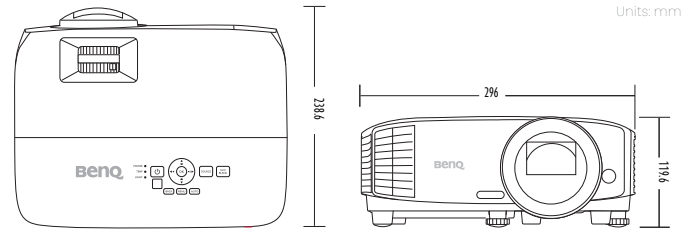| Display	
Projection System	DLP Single 0.65"
DMD Type	DC3 DMD Chip
Native Resolution	WXGA (1280 x 800)
Brightness	2000 ANSI Lumens
Contrast Ratio*	20,000:1
Display Colour	30 Bits (1.07 Billion Colours)
Aspect Ratio	Native 16:10 (5 Aspect Ratio Selectable)
Light Source	LED
Light Source Life** (Normal/Eco)	20,000/30,000 hours
Optical	
Throw Ratio	0.72-0.87
Zoom Ratio	1.2x
Lens Control	Manual Zoom and Focus
Lens shift	NA
Keystone Correction	2D Keystone, V: ±30 degree; H: ±30 degree
Projection Offset	100%
Projection Size	60"-120"
Audio	
Built-in Speaker	10W x1
Special Feature	
Security	Security Bar
Features	Short Throw with Zoom, 2D Keystone, Corner Fit, Screen Fill, Golf Mode
Compatibility	
Resolution Support	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB-Reduced Blanking
Horizontal Frequency	15-102KHz
Vertical Scan Rate	23-120 Hz
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM
Power	
Power Consumption (Max/Normal/Eco)	176W/147W/80W
Standby Power Consumption	Normal < 0.5W, Network <2W
Power Supply	100-240V AC
Dimension and Weight	
Product Dimensions (WxHxD)	296 x 119.6 x 238.6mm
Product Weight	2.3Kg
Operation Condition	
Noise Level (Normal/Eco)	32/28 dBA
Operating Temperature	0-40ºC
Accessories	
Accessories (Standard)	Power Cord, Remote Control (RCA011), AAA Battery x2, Installation Guide/Regulatory Statement (Combined), Warranty Card (by sku)
Accessories (Optional)	Ceiling Mount (CMG3), 3D Glasses
OSD	
On Screen Display Language	Arabic/Bulgarian/Croatian/Czech/Danish/Dutch/English/Finnish/French/German/Greek/Hindi/Hungarian/Indonesian/Italian/Japanese/Korean/Norwegian/Persian/Polish/Portuguese/Romanian/Russian/Simplified Chinese/Spanish/Swedish/Thai/Turkish/Traditional Chinese/Vietnamese (30 languages)

* The Contrast is measured by Full On/Full Off standard.
** Light Source Life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
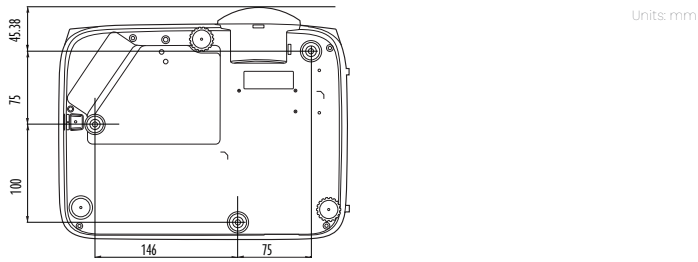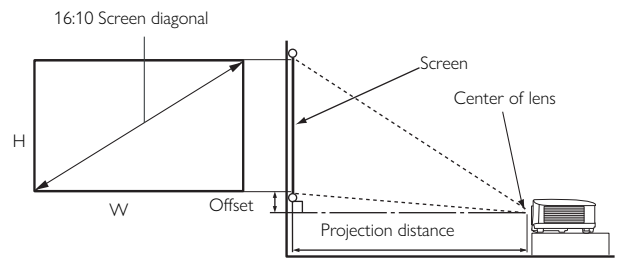
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INPUT/OUTPUT TERMINALS

AUDIO OUT (MINI JACK)	HDMI 1	HDMI 2	USB TYPE-A (5V/1.5A POWER)	RS232 IN	KENSINGTON ANTI-THEFT LOCK

DIMENSIONS

Units: mm

238.6 296 119.6

CEILING / WALL MOUNT INSTALLATION

Units: mm

45.38 75 100 146 75

PROJECTION DIMENSIONS

16:10 Screen diagonal

Screen

Center of lens

H

W

Offset

Projection distance

DISTANCE CHART

Screen size				Projection distance (mm)			Offset (mm)
Diagonal		H (mm)	W (mm)	Min distance (with max zoom)	Average	Max distance (with min zoom)	
Inch	mm						
30	762	404	646	465	514	562	0
40	1016	538	862	620	685	750	0
50	1270	673	1077	775	856	937	0
60	1524	808	1292	930	1027	1124	0
70	1778	942	1508	1086	1199	1312	0
80	2032	1077	1723	1241	1370	1499	0
90	2286	1212	1939	1396	1541	1687	0
100	2540	1346	2154	1551	1712	1874	0
110	2794	1481	2369	1706	1884	2061	0
120	3048	1615	2585	1861	2055	2249	0
130	3302	1750	2800	2016	2226	2436	0
140	3556	1885	3015	2171	2397	2623	0
150	3810	2019	3231	2326	2569	2811	0
160	4064	2154	3446	2481	2740	2998	0
170	4318	2289	3662	2636	2911	3186	0
180	4572	2423	3877	2791	3082	3373	0
190	4826	2558	4092	2947	3253	3560	0
200	5080	2692	4308	3102	3425	3748	0

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