

DIGITAL  
PROJECTOR

# MW821ST

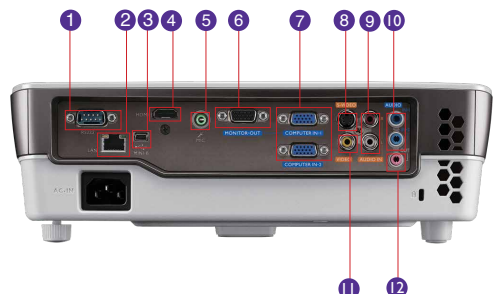


## Features

- WXGA Native Resolution (1280x800)
- 3,000 Ansi Lumens, 13,000:1 Contrast Ratio
- PointDraw 3.0 Ready, 0.49 Short Throw Ratio
- SmartEco™ Power Saving Technology
- DLP® 3D via PC & Blu-Ray/DVD Player
- LAN Control and LAN Display



## Input and Output Terminals



- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1 RS232 (DB-9pin)           | 7 Computer In 1 & 2 (D-sub 15pin) |
| 2 LAN (RJ45)                | 8 S-Video In (Mini DIN 4pin)      |
| 3 USB Mini B                | 9 Audio In L/R (RCA)              |
| 4 HDMI                      | 10 Audio In 1 & 2 (Mini Jack)     |
| 5 Audio In (Mini Jack)      | 11 Composite Video In (RCA)       |
| 6 Monitor Out (D-sub 15pin) | 12 Audio Out (Mini Jack)          |



## Specifications

Projection System	DLP®
Native Resolution	WXGA (1280x800)
Brightness	3000 ANSI Lumens
Contrast Ratio	13000:1
Display Color	1.07 Billion Colors
Lens	F=2.6, f=6.9mm
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)
Throw Ratio	0.49 (87" @ 0.91m)
Image Size (Diagonal)	50~300"
Zoom Ratio	Fixed
Lamp Type	210W
Lamp Life (Nor/Eco/Smart Eco Mode)	4000/5000/6500 hours
Keystone Adjustment	1D, Vertical +/- 30 degrees
Projection Offset	110% ±5%
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)
Horizontal Frequency	31K~102KHz
Vertical Scan Rate	23~120Hz
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM 3D Compatibility: PC: 120Hz Frame Sequential 3D for resolutions up to WXGA, PC: 60Hz Top-bottom 3D for resolutions up to SXGA+ Video: 60Hz Frame Sequential 3D for resolutions up to 480i
Interface	Computer in (D-sub 15pin) x 2 (shared with Component video) Monitor out (D-sub 15pin) x 1 HDMI x 1 Composite Video in (RCA) x 1 S-Video in (Mini DIN 4pin) x 1 Audio in (Mini Jack) x 2 Audio L/R in (RCA) x 1 Audio out (Mini Jack) x 1 Speaker 10W x 1 Microphone in (Mini jack) x 1 RJ45 x 1 (LAN control, LAN display, audio) USB (Type mini B) x 1 (Download & page/down) RS232 x 1 IR Receiver x 2 (Front+Top)
Dimensions (WxHxD)	12.28x 4.09 x 9.6 inches (312 x 104 x 244 mm)
Weight	6.5 lbs (2.94kg)
Power Supply	AC 100 to 240 V, 50/60 Hz
Power Consumption	300W, Standby<1W
Audible Noise	33/29 dBA (Normal/Economic mode)
On-Screen Display Languages	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)
Picture Mode	Dynamic/Presentation/sRGB/Cinema/3D/User 1/User 2
Accessories (Standard)	Lens Cover, Remote Control w/ Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card, VGA (D-sub 15 pin) Cable
Accessories (Optional)	Spare Lamp Kit P/N: 5J.J8E05.001 Ceiling Mount P/N: 5J.J4N10.001 Wall Mount P/N: 5J.J8E10.001 3D Glasses P/N: 5J.J7L25.002 Carry Bag P/N: 5J.J3T09.001 PD3.0 Pen Kit P/N: 5J.J8E26.A01 PD03_Pen P/N: 5J.J8E26.A11
Limited Warranty	3 Years Parts/Labor; 1 Year or 2000 hours of lamp life

\*Lamp 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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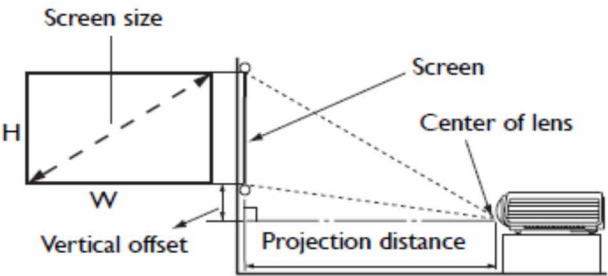
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Because it matters

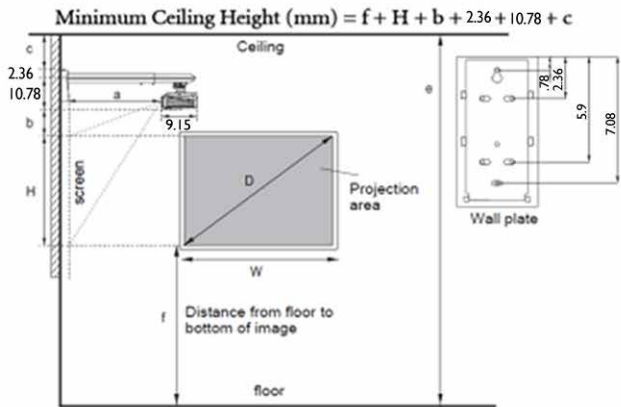
# MW821ST Digital Projector

## Distance Chart



Screen Size				Distance from screen (inch)	Vertical offset (inch)
Diagonal		W (inch)	H (inch)		
Inch	mm				
80	2032	68	42	33.1	2.12
100	2540	85	54	41.4	2.63
120	3048	102	63	49.7	3.18
150	3810	127	79	62.1	3.97
180	4572	153	95	74.6	4.76
200	5080	170	106	82.8	5.31
220	5588	186	116	91.1	5.82
240	6096	203	127	99.4	6.37
270	6858	229	143	111.8	7.16
300	7620	254	159	124.3	7.95

## Wall Mount Chart



Computer Resolution: WXGA Image Resolution: WXGA	Diagram Reference	SMART Board 685	Promethean ActivBoard 387	Mitsubishi FX-TRIO-88W	Mitsubishi FX-DUO-88W
Image Diagonal (inches)	D	87	87	88	88
Image Height (inches)	H	46.1	46.1	46.5	46.5
Image Width (inches)	W	73.7	73.7	74.3	74.3
Distance from floor to bottom of image (inches)	f	35.4	35.4	35.4	35.4
Distance from screen surface to projector lens (inches)	a	36	36	36.4	36.4
Distance from top case to the top of image (inches)	b	.26	.26	.29	.29
Distance from top of wall mount to ceiling (inches)	c	1.9	1.9	1.9	1.9
Minimum Ceiling Height (inches)	e	96.9	96.9	97.3	97.3

## Dimensions



Units: inches

