

DIGITAL PROJECTOR

# MW821ST

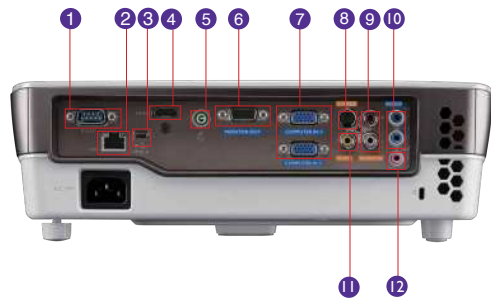


## Features

- WXGA Native Resolution (1280x800)
- 3000 Ansi Lumens, 13,000 Contrast Ratio
- PointDraw 3.0 Ready, 0.49 Short Throw Ratio
- SmartEco Power Saving Technology
- DLP 3D Ready 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 (v1.3)               | 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 (NorEco/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 LAN (RJ45) x 1 USB (Type B mini) x 1 (Download & page/down) RS232 (DB-9pin) x 1 IR Receiver x 2 (Front+Top)
Dimensions (WxHxD)	312 x 104 x 244 mm (12.28x 4.09 x 9.6 inches)
Weight	2.9kg (6.39 lbs)
Power Supply	AC 100 to 240 V, 50/60 Hz
Power Consumption	300W, Standby<1W
Audible Noise	32/26 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)	Remote Control w/ Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card, VGA (D-sub 15 pin) Cable
Accessories (Optional)	PD3.0 Pen Kit P/N: 5J.J8E26.A01 Spare Lamp Kit P/N: 5J.J8E05.001 Ceiling Mount P/N: 5J.J4N10.001 Wall Mount P/N: 5J.J4R10.011 3D Glasses P/N: 5J.J7K25.001 Carry bag P/N: 5J.J3T09.001
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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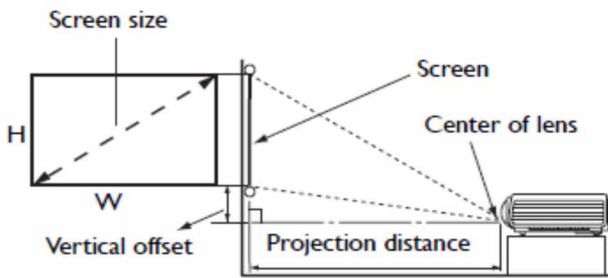
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Enjoyment Matters

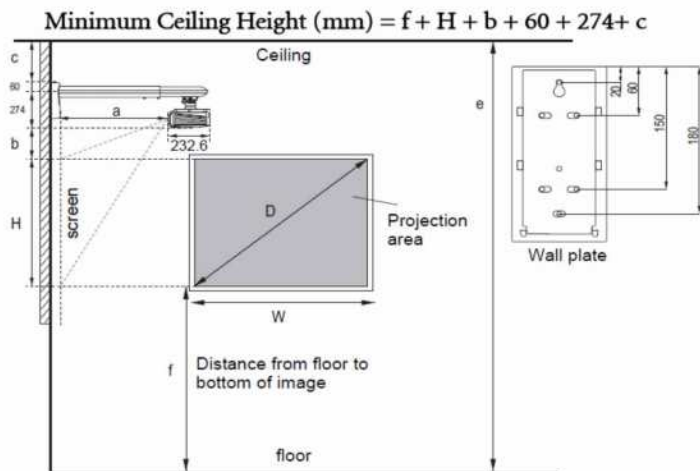
# MW82 IST Digital Projector

## Distance Chart



Screen Size				Distance from screen (mm)	Vertical offset (mm)
Diagonal		W (mm)	H (mm)		
Inch	mm				
80	2032	1723	1077	842	54
100	2540	2154	1346	1053	67
120	3048	2585	1615	1263	81
150	3810	3231	2019	1579	101
180	4572	3877	2423	1895	121
200	5080	4308	2692	2105	135
220	5588	4739	2962	2316	148
240	6096	5169	3231	2526	162
270	6858	5816	3635	2842	182
300	7620	6462	4039	3158	202

## Wall Mount Chart



$$\text{Minimum Ceiling Height (mm)} = f + H + b + 60 + 274 + c$$

Computer Resolution: WXGA Image Resolution: WXGA	Diagram Reference	SMART Board 685	Promethean ActivBoard 387	Hitachi FX-TRIO-88W	Hitachi FX-DUO-88W
Image Diagonal (inches)	D	87	87	88	88
Image Height (mm)	H	1171	1171	1181	1181
Image Width (mm)	W	1874	1874	1887	1887
Distance from floor to bottom of image (mm)	f	900	900	900	900
Distance from screen surface to projector lens (mm)	a	916	916	926	926
Distance from top case to the top of image (mm)	b	6.8	6.8	7.5	7.5
Distance from top of wall mount to ceiling (mm)	c	50	50	50	50
Minimum Ceiling Height (mm)	e	2461.8	2461.8	2472.5	2472.5

Units: mm

## Dimensions

