BenQ

Model Name	MX852UST+ Digital Projector

Unique selling point

* Vertical 4% lens shift
* Dual HDMI port.
* Optional PointWrite interactive capability
* SmartEco Power Saving technology
* Wall mount bundle

Trade Mark

CRESTRON · SmartEco · HDMI HIGH DEFINITION MULTIMEDIA INTERFACE · NEW3D · PointWrite

Projection System	DLP		
Native Resolution	XGA(1024*768)		
Brightness	3000AL		
Contrast Ratio	10,000:1		
Display Color	1.07 Billion Colors		
Lens	F2.5,f=5.1mm		
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)		
Throw Ratio	0.43		
Clear Image Size/Max Image size	68"-85"/300"		
Zoom Ratio	Fix		
Lamp Type	230W		
Lamp(Normal/Economic/SmartEco Mode)*	4000/5000/7000 hours		
Keystone Adjustment	1D, Vertical +/- 30 degrees		
Lnes shift range	Vertical 8%		
Projection Offset	118%~122%		
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)		
Horizontal Frequency	15~102KHz		
Vertical Scan Rate	23~120Hz		
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	
	Video Compatibility	NTSC, PAL, SECAM	
Interface	Computer in (D-sub 15pin)	x 2(Shared with component)	
	Monitor out (D-sub 15pin)	x 1	
	Composite Video in (RCA)	x 1	
	S-Video in (Mini DIN 4pin)	x 1	
	HDMI	x 2	
	Audio in (Mini Jack)	x 1	
	Audio out (Mini Jack)	x 1	
	Audio L/R	x 1	
	Speaker	10W x 2	
	USB (Type mini B)	x 1 (PointWrite interactive module)	
	USB (Type B)	x1 (FW download)	
	USB(Type A)	x1 (1A Power for PT02 Touch module)	
	RJ45	x1 (LAN control)	
	RS232 (DB-9pin)	x 1	
	IR Receiver	x1 (Front)	
Dimensions	Dimensions(W x H x D)	373.3*287.5*130.2mm (w/o Mirror) 373.3*287.5*201mm(w Mirror)	
	Weight	5KG(w/o wall mount)	
Power	Power Supply	AC100 to 240 V, 50 to 60 Hz	
	Power Consumption	typical 290W, stanby power <0.5W	
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)		

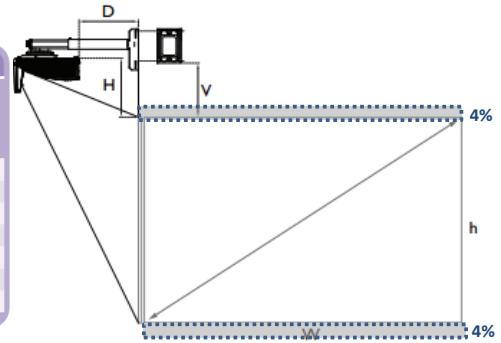| Accessories	Standard		Optional	
	Remote Control w/ Battery	RCE012	Spare Lamp Kit	5J.J8M05.011
	Power Cord (by region)	2.9M	Wall Mount	WM04G4
	User Manual CD	*1	3D Glasses	DGD24
	Quick Start Guide	*1	Document Camera	S30
	Warranty Card (by region)	*1	PointWrite kit	PW01U
	VGA(D-sub 15pin) Cable	*1	PointWrite Touch module	PT02
	Wall mount kit (installation guide)	*1		
	Lens shift hex key	*1		

*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
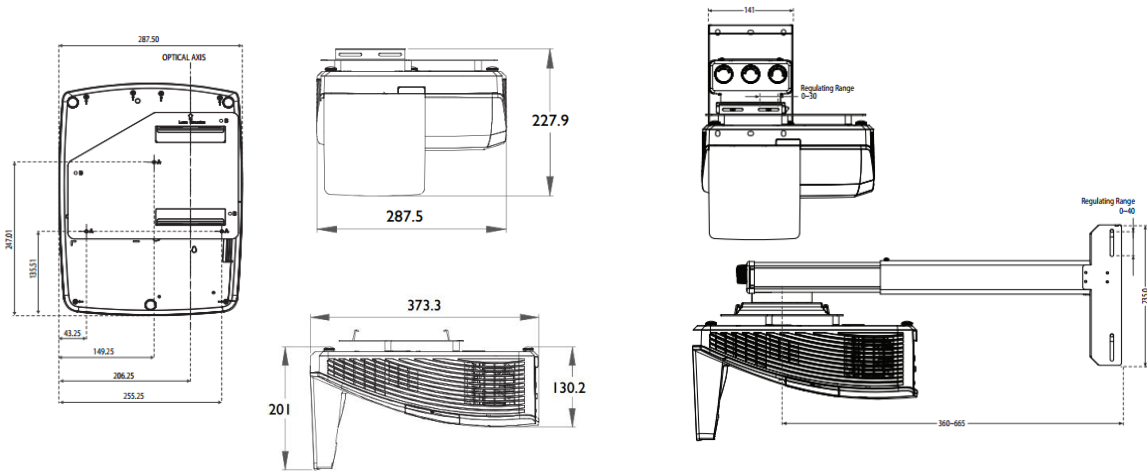
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Distance Chart

The screen aspect ratio is 4:3 and the projected picture is 4:3.

Screen size (Diagonal)		Screen width (W)		Screen height (H)		Projection distance (D)		Offset (H)		Distance between Wall plate & projection screen (V)
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
68	1727	54	1382	40	1036	11.16	283.4	11.86	301.3	273.5
70	1778	55	1422	42	1067	11.91	302.4	12.15	308.5	280.7
75	1905	59	1524	45	1143	13.83	351.4	12.88	327.2	299.4
77	1956	61	1565	46	1173	14.62	371.4	13.18	334.8	307
80	2032	63	1626	48	1219	15.72	399.4	13.60	345.4	317.6
82	2083	65	1666	49	1250	16.51	419.4	13.90	353	325.2
85	2159	67	1727	51	1295	17.61	447.4	14.32	363.7	335.9

Wall mount/Ceiling mount Chart

Dimension

Optional Interactive PW01U Kit, PT02 Touch Module

Unit: mm

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**offset is calculated by full screen heigh.
***The measurement of offset and installation chart have max to 5% tolerance and may vary from the

BenQ Scalable Interaactive System

BenQ PointWrite interactive projectors turn any surface into an interactive whiteboard by utilizing an innovative infrared technology to detect transmitter light emitted from the PointWrite Pen or touch module that enable the camera to detect the finger or object movements. This allows teachers to invite students up to the board to make notes, answer questions, or collaborate on digital paintings, sparking creativity, imagination and lots of fun. Easy to set up and flexible to use, these education projectors make a cost-efficient and affordable option for every classroom.

Key features
- Compatible with series BenQ short throw and ultra-short throw projector
- Supports up to 4 pens/fingers
- Dual screen tuoch for ultra wide working space.
- Effortless setup with only 1 second auto calibration*
- An ultra-fast 0.016-second response time for a smooth writing experience
*Calibration speed may vary depending on computer system.

PW01U Kit

Scalable dual screen and finger touch

PT02 touch module