



Model Name **TH682ST Digital Projector**

Unique selling point **Trade Mark**

- * SmartEco power saving technology
- * Native Full HD high resolution
- * Blu-ray 3D supported



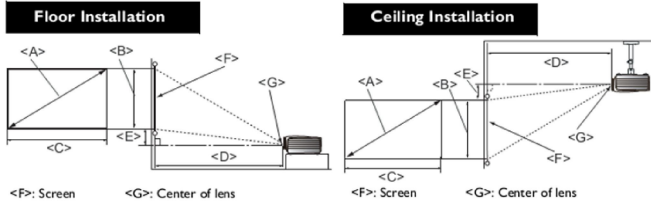
Projection System	DLP	
Native Resolution	Full HD (1920x1080)	
Brightness	3000AL	
Contrast Ratio	10000:1	
Display Color	1.07 Billion Colors	
Lens	F=2.6-2.7 f=10.2-11.22 mm	
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)	
Throw Ratio	0.69~0.76(65.7"±3% @ 1m)	
Image Size (Diagonal)	60"~300"	
Zoom Ratio	1.1: 1	
Lamp Type	210W	
Lamp Mode (Normal/Economic/SmartEco)	4000/6000/8000 hours	
Keystone Adjustment	1D, Vertical +/- 40 degrees	
Projection Offset	105% ±5%	
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920X1200) *RB=Reduced blanking	
Horizontal Frequency	15~102KHz	
Vertical Scan Rate	23~120Hz	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	3D Compatibility	Frame Sequential: Up to 720p
	(Please refer to User's Manual for detailed support timing.)	Frame Packing: Up to 1080p
		Side by Side: Up to 1080i/p
		Top Bottom: Up to 1080p
Interface	Computer in (D-sub 15pin)	x 1
	Monitor out (D-sub 15pin)	x 1
	Composite Video in (RCA)	x 1
	S-Video in (Mini DIN 4pin)	x 1
	HDMI	x 1
	Audio in (Mini Jack)	x 1
	Audio out (Mini Jack)	x 1
	Speaker	x 1 (10W)
	USB (Type Mini B)	x 1
	RS232 (DB-9pin)	x 1
Dimensions	Dimensions(W x H x D)	311.8 x 104.7 x 247.5 mm (with feet) 311.8 x 94.7 x 247.5 mm (without feet)
	Weight	2.8kg(6.39 lbs)
Power	Power Supply	AC100 to 240 V, 50 to 60 Hz
	Power Consumption	Normal 280W, Eco 230W, Standby <0.5W
Audible Noise	36/33 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 Modes	Dynamic/Presentation/sRGB/Cinema/(3D)/User 1/User 2	
Accessories	Standard	Optional
	Lens Cover	Spare Lamp Kit
	Remote Control w/ Battery	Wall Mount
	Power Cord (by region)	3D Glasses
	User Manual CD	
	Quick Start Guide	
	Warranty Card (by region)	
	VGA(D-sub 15pin) Cable	
	Carry bag	

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

TH682ST Digital Projector

Distance Chart

Installation for a 16:9 ratio screen



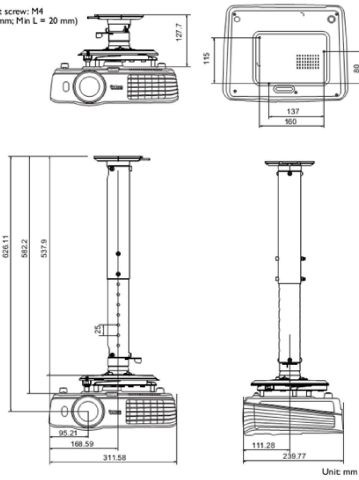
The screen aspect ratio is 16:9 and the projected picture is in a 16:9 aspect ratio

Diagonal		Screen size		Distance from screen (mm)			Vertical offset (mm)
		W (mm)	H (mm)	Min length (max. zoom)	Average	Max length (min. zoom)	
60	1524	747	1328	913	959	1005	19
70	1778	872	1550	1065	1119	1172	22
80	2032	996	1771	1218	1279	1339	25
90	2286	1121	1992	1370	1438	1507	28
100	2540	1245	2214	1522	1598	1674	31
110	2794	1370	2435	1674	1758	1842	34
120	3048	1494	2657	1826	1918	2009	37

Wall mount/Ceiling mount Chart

Ceiling mount installation

Ceiling Mount screw: M4
(Max L = 25 mm; Min L = 20 mm)



Dimension

