

# TH681 Digital Projector



## Features

- Enhanced Contrast Ratio (Darkchip3)
- Native 1080p resolution
- 3000AL High Brightness
- Blu-ray Full HD 3D support

## Box Contents

- Lens Cover
- Remote Control w/ Battery
- Power Cord (by region)
- User Manual CD
- Quick Start Guide
- Warranty Card (by region)
- VGA(D-sub 15pin) Cable

## Dimension



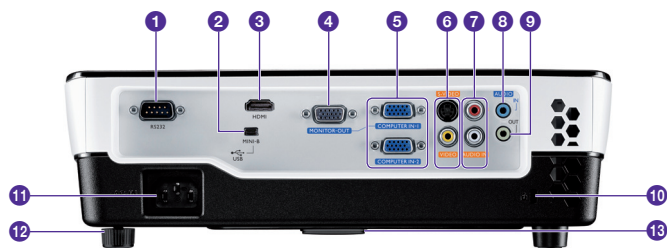
## Optional Accessories

- Spare Lamp Kit (PN: 5J.JAH05.001)
- Ceiling Mount (PN: 5J.JAM10.001)
- Carry bag (PN: 5J.J3T09.001)
- 3D Glasses (PN: 5J.J9H25.001)

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## Input and Output Terminals



- 1 RS232 control port
- 2 USB port
- 3 HDMI-input port
- 4 RGB signal output jack
- 5 RGB (PC)/Component Video (YPbPr/YCbCr) signal input jack
- 6 S-Video input jack
- 7 Audio (L/R) input jacks
- 8 Audio input jack
- 9 Audio output jack
- 10 Kensington anti-theft lock slot
- 11 AC power jack
- 12 Rear adjuster foot
- 13 Ceiling mount holes

## Product Specifications

<b>Projection System</b>	DLP (DarkChip3)	
<b>Native Resolution</b>	1080p (1920x1080)	
<b>Brightness</b>	3000AL	
<b>Contrast Ratio</b>	10000:1	
<b>Display Color</b>	1.07 Billion Colors	
<b>Lens</b>	F=2.59-2.87 f=16.88-21.88 mm	
<b>Aspect Ratio</b>	Native 16:9 (5 aspect ratio selectable)	
<b>Throw Ratio</b>	1.15~1.5(78.3"±3% @ 2m)	
<b>Image Size (Diagonal)</b>	45"~300"	
<b>Zoom Ratio</b>	1.3: 1	
<b>Lamp Type</b>	210W	
<b>Lamp Mode (Normal/Economic/SmartEco)</b>	4000/5000/6500 hours	
<b>Keystone Adjustment</b>	1D,Vertical +/- 40 degrees	
<b>Projection Offset</b>	110% ±5%	
<b>Resolution Support</b>	VGA (640 x 480) to WUXGA_RB* (1920 x 1200) *RB=Reduced Blanking	
<b>Horizontal Frequency</b>	15~102KHz	
<b>Vertical Scan Rate</b>	23~120Hz	
<b>Compatibility</b>	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
<b>Interface</b>	Computer in (D-sub 15pin)	x 2 (Share 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 1
	Audio in (Mini Jack)	x 1
	Audio out (Mini Jack)	x 1
	Audio L/R in (RCA)	x 1
	Speaker	x 1 (10W)
	USB (Type Mini B)	x 1
	RS232 (DB-9pin)	x 1
<b>Dimensions</b>	Dimensions(W x H x D)	311.81 x 104.7 x 244.12 mm (with feet)
	Weight	311.81 x 94.7 x 244.12 mm (without feet)
		2.8 kg (6.17 lbs)
<b>Power</b>	Power Supply	AC100 to 240V, 50 to 60 Hz
	Power Consumption	Normal 270W, Eco 220W, Standby <0.5W
<b>Audible Noise</b>	33/28 dBA (Normal/Economic mode)	
<b>On-Screen Display Languages</b>	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)	
<b>Picture Modes</b>	Dynamic/Presentation/sRGB/Cinema/(3D)/User 1/User 2	

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

## Logistics Information

<b>Product Code</b>	9H.JC377.13E
<b>EAN Code</b>	471 8755 05168 5
<b>Dimensions Single Carton (cm)</b>	39.70 x 18.30 x 33.20
<b>Carton Weight (kg)</b>	4
<b>Pallet Qty</b>	70 units (5 x 14)



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