

# TH682ST Digital Projector



## Features

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

## Box Contents

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

## Dimension



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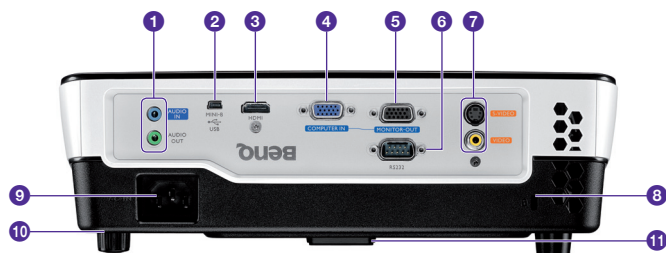
## Optional Accessories

- Spare Lamp Kit: 5J.JCL05.001
- Ceiling Mount: 5J.JAM10.001
- Carry bag: 5J.J3T09.020
- 3D Glasses: 5J.J9H25.001



Because it matters

## Input and Output Terminals



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

## Product Specifications

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

\* 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.JCL77.13E          |
| <b>EAN Code</b>                      | 471 8755 05347 4      |
| <b>Dimensions Single Carton (cm)</b> | 37.50 x 20.60 x 34.50 |
| <b>Carton Weight (kg)</b>            | 4.27                  |
| <b>Pallet Qty</b>                    | 70                    |



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