

# TH671ST

## Digital Projector



### Features

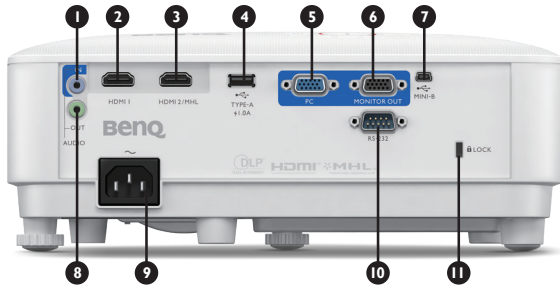
- Ultra-low input lag delivers ultra-smooth gaming action
- Optimizes brightness to ambient lighting for maximum comfort
- Short throw projects immersive 100" gameplay from just 1.5m



### Product Specifications

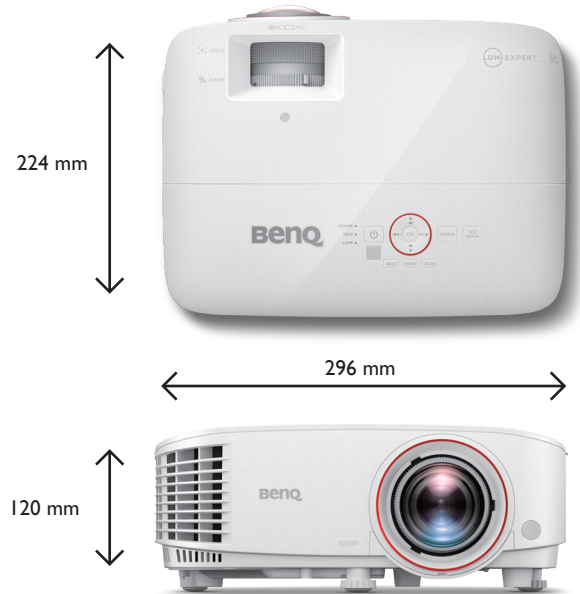
<b>Projection System</b>	DLP		
<b>DMD size</b>	0.65"		
<b>Native Resolution</b>	1080p (1920 x 1080)		
<b>Brightness</b>	3,000 ANSI Lumens		
<b>Contrast Ratio</b>	10,000 : 1		
<b>Display Color</b>	1.07 Billion Colors		
<b>Lens</b>	F=2.6~2.78, f=10.2~12.24		
<b>Aspect Ratio</b>	Native 16 : 9 (5 aspect ratio selectable)		
<b>Throw Ratio</b>	0.69~0.83, 95"±3% @ 1.44m		
<b>Image Size (Clear Focus / Maximum)</b>	60"~120" / 300"		
<b>Zoom Ratio</b>	1.2x		
<b>Lamp Type</b>	240W		
<b>Lamp Mode (Normal / Eco / SmartEco / LampSave)</b>	4,000 / 10,000 / 10,000 / 15,000 hours		
<b>Keystone Adjustment</b>	1D, Vertical +/- 40 degrees		
<b>Projection Offset</b>	102.5% ± 2.5%		
<b>Resolution Support</b>	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB-Reduced Blanking		
<b>Horizontal Frequency</b>	15K~102KHz		
<b>Vertical Scan Rate</b>	23~120Hz		
<b>Color Wheel Segment</b>	6 segment (RGBYCW)		
<b>Color Wheel Speed</b>	2X		
<b>Compatibility</b>	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	
	Video Compatibility	NTSC, PAL, SECAM, SDTV (480i/576i), EDTV (480p/576p), HDTV (720p, 1080i/p 60Hz)	
<b>Interface</b>	PC (D-sub 15pin)	x 1 (without 5V Signal Detect)	USB (Type Mini B) x 1 (FW download / service)
	Monitor out (D-sub 15pin)	x 1	Light Sensor x 1
	HDMI (v1.4a)	x 2 (5V Signal detect)	
	MHL	x 1 (shared with HDMI)	
	Audio input (Mini Jack)	x 1	
	Audio output (Mini Jack)	x 1	
	Speaker	x 1 5W	
	USB (Type A)	x 1 (1.0A power supply)	
<b>Typical Power Consumption</b>	320W		
<b>Stand-by Power Consumption</b>	< 0.5W		
<b>Noise Level (Normal / Economic Mode)</b>	33 / 29 dBA		
<b>Operating Temperature</b>	0~40°C		
<b>Power Supply</b>	AC 100 to 240V, 50/60 Hz		
<b>Dimensions (W x H x D)</b>	296 x 120 x 224 mm		
<b>Product Weight</b>	2.7 kg		
<b>Accessories</b>	<b>Standard</b>	<b>Optional</b>	
	Remote Control with Battery	Carry Bag	
	Power Cord (by region) (1.8M)	Spare Lamp Kit	
	User Manual CD (27L)	Wireless USB Dongle (QCast, QCast Mirror)	
	Quick Start Guide (18L)	3D Glasses (DGD5)	
	Warranty Card (by region)		
	VGA (D-sub 15pin) Cable (1.5M)		
	Lens cover		
<b>On Screen Display Language</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)		

## Input and Output Terminals



- 1 Audio input jack
- 2 HDMI 1 input port
- 3 HDMI 2/MHL input port
- 4 USB Type A port
- 5 RGB (PC) signal input jack
- 6 RGB (PC) signal output jack
- 7 USB Mini-B port
- 8 Audio output jack
- 9 AC Power jack
- 10 RS-232 control port
- 11 Kensington anti-theft lock slot

## Dimensions

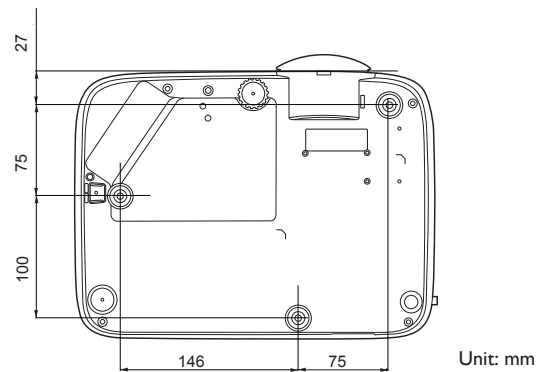


## Distance Chart

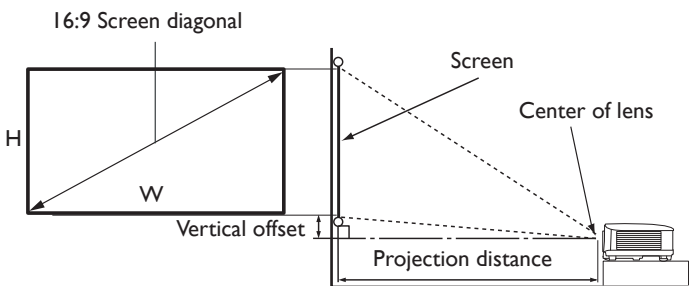
Screen size			Projection distance <D> (mm)			Offset lens position (mm)	
Diagonal	Height	Width	Min. distance (max zoom)	Average	Max. distance (min zoom)		
60	1524	747	1328	917	1009	1102	19
70	1778	872	1550	1069	1178	1286	22
80	2032	996	1771	1222	1346	1470	25
90	2286	1121	1992	1375	1514	1654	28
100	2540	1245	2214	1528	1682	1837	31
110	2794	1370	2435	1680	1851	2021	34
120	3048	1494	2657	1833	2019	2205	37
140	3556	1743	3099	2139	2355	2572	44
160	4064	1992	3542	2444	2692	2940	50
180	4572	2241	3985	2750	3028	3307	56

## Ceiling Mount Chart

Ceiling/Wall mount screw: M4  
(Max L = 25 mm; Min L = 20 mm)



Unit: mm



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