

# Data sheet

## BenQ TH681

FULL HD Data-/ Video projector



- FULL HD 1920 x 1080
- 3.000 ANSI-Lumens
- 3D via HDMI
- 1,3x Zoom



### Technology

Type : DLP™  
 Native Resolution: FULL HD 1920 x 1080  
 Brightness: 3.000 ANSI-Lumens  
 max. Contrast : 10.000:1  
 Display Color: 1,07 Bil.  
 Aspect Ratio: Physical 16:9 (5 aspect ratio selectable)  
 Cooling system : Front - ,Side ventilation, Quick cooling

### Lamp

Type : 210 W  
 Lamp life : 4.000h Normal  
 6.500h Smart Eco Mode

### Objectiv

Warranty : 12 Months or 2000h  
 Characteristics : Manual Zoom  
 Image Size (Diagonal): 1,14 m – 7,62 m  
 Lens: F2.59-2.87, f=16,88-21.88 mm  
 Throw ratio: 1.15~1.5(1.99m@ 2m)  
 Zoom : 1,3:1

### Signal

Video Compatibility: NTSC/ PAL/SECAM  
 Video - Modi : 480i, 480p, 576i, 576p, 720p, 1080i, 1080p  
 PC Resolution : VGA (640 x 480) bis UXGA (1600 x 1200)  
 Frequencies H/V : 31-102 kHz / 23-120 Hz  
 Input : Composite Video 1 x RCA Cinch  
 S-Video 1 x Mini Din 4 pin  
 Audio 1 x Stereo Mini Jack / 1 x L/R Cinch  
 RGB VGA-Analog 2 x D-sub 15 pin (shared with component)  
 HDMI 1 x HDMI  
 USB 1x Type mini B  
 Serial input : RS232 1 x D-Sub 9 pin  
 Output : RGB VGA-Analog 1 x D-sub 15 pin  
 Audio out 1 x Stereo Mini Jack

### Control

Speaker : 1 x 10 Watt  
 Functions : 3D via HDMI ,Brilliant Color™, 3-D-Colormanagement, 2x digital Zoom, Wall color correction, Key log, Blank, Auto Off, Password security, OSD FAQ, 6-Segment-Color wheel (RYWCBG)

### Security Energy

OSD: 28 Languages  
 Remote: IR-Remote Control  
 Certificates : CE, TÜV-GS  
 Power Supply : 100-240 VAC, 50/60 Hz  
 Power Consumption : Max. 315 Watt , Standby <0,5 Watt

### Characteristics

Dimensions (W x H x D): 312 x 104 x 244 mm  
 Weight : 2,80 kg  
 Audible Noise : 32 dB (A) im Normalmodus  
 28 dB (A) im ECO-Mode  
 Projektionsposition : Front-, Back-, Table- und Ceiling projection  
 Environment : + 0 – +40°C / 20 – 80 % Humidity  
 Standard accessory : Manual-CD, Remote Control incl. Battery, Power Cable, Quick Start Guide  
 VGA-Cable, Warranty card,  
 Optional accessory : Spare bulb, 3D glasses, Bag  
 Warranty and Service : 24 Month Warranty

