

Benq TH690ST

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A brief introduction to the TH690ST: The Benq short-throw 3D LED DLP projector offers 2300 Ansi lumens, a contrast of 500000:1 and an HDTV 1920 x 1080 resolution. Due to the LEDs, the projector is specified with 20000 hours of light life, which is over 13.7 years with a daily viewing time of 4 hours. As the projector has horizontal and vertical keystone correction, the projector can be set up with plenty of free space in the room. Thanks to the short-throw projection ratio of just 0.69:1, the projector is also not distracting in the room. For a 2m wide image, the projector only needs to be 138 cm away from the screen. Playback of 1080P and 4K (compressed) as well as 3D is also no problem for the projector, meaning that all Blu-ray formats currently on offer can be recognized by the projector.



1 x DLP Chip
HDTV 16/9 Ti Digital Light Processing Chip

Projector

2300
500000:1 full on/off
0,0046 min. Lumen

Screen

1022 Lux (200 cm Screen width)
500000:1 full on/off
0,002 min. Lumen

Brief Introduction

Beta 2.5

Display Type

Ansi-Lumen

Contrast

Black Level

Offset

Resolution

Video Modes

Disc Recognition

3D Compatibility

Application

Light Source

Light Life

Operating Costs

Focus

Zoom

Objective

Throw Ratio

Audio

Connections

HDTV 1920 x 1080

2.073.600 Pixel

UHD (4K2K) 3840 x 2160 compressed

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD (komprimiert), 3D, EDTV 480p, 576p

DVD | HD Blu-ray | 3D Blu-ray | 4K UHD Blu-ray (60p) (komprimiert)

Frame-Packing (Full HD 3D) | Side-by-Side | Top-and-Bottom

Frame Sequential (3D Ready)

Short Distance | Medium screen width or rooms with little light, max. 100 lumens.

4 LED

20000 h. / 30000h. ECO

0,00 € LED

Manual

Manual x1,2

F=2,6-2,78 f=10,2-12,24 mm

0,69-0,83:1

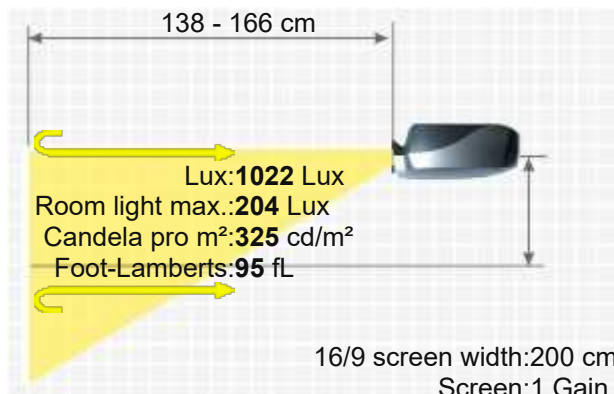
2 x 5W

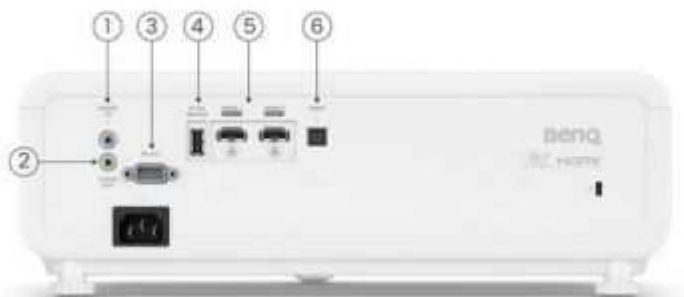
2xHDMI 2.0 mit HDCP 2.2 in
S/PDIF

Mini Jack Audio in und out

USB Ty A in

RS232C Din 9 pin in





- ① Audio input jack
(for service personnel only)
- ② Audio output jack
- ③ S-232 control port
- ④ USB 2.0 Type-A port
(2.5 A power supply, Firmware upgrade)
- ⑤ HDMI (20b, HDCP 2.2)
- ⑥ SPDIF

Ceiling Mounting: Yes, is possible.
 Power: 140W
 Size WxHxD: 336 x 118 x 244 mm (13,2"x4,6"x9,6") 9,67 L/dm³
 Operating Noise: 33 / 28 dB in Eco Mode

Weight: 3,60 kg / 6,61 lbs.
 Keystone: Vert.: +/-30° automatisch
 Hori.: +/-30°

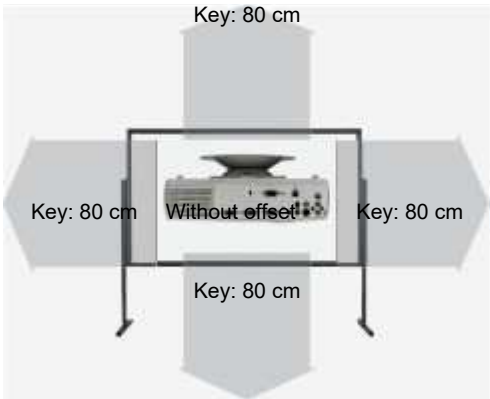
Illumination: -

Frequenz: H-sync: 15-135 kHz
 V-sync: 23-120 Hz

Foot-Lamberts: 95 fL / max. 487 cm screen width
 325 cd/m²

- Features:
- Real Full HD 3D
 - Full HD 1080P compatible
 - Eco Mode
 - Automatic and manual vertical keystone correction
 - High Dynamic Range (HDR)
 - Short-throw projector

Screen Mirroring: Optional only Chromecast / Fire TV / Apple TV / Mi Box Ads
 Status: 2022 Discontinued (EOL) // Last update of the data: 2026-05-05
 Created: 2022-07-04 15:37:14



More Details



HCinema

<https://www.projector-database.com/pro/benqth690st-en.html>

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