

Data sheet

BenQ LK970

Laser projector

- 4K UHD 3840 x 2160
- H/V Lens-Shift
- DICOM Simulation
- HDBaseT
- 5 years guarantee



HDCP 2.2



Technology

Type : DLP™
 Native Resolution : 4K UHD 3840 x 2160
 Brightness : 5,000 ANSI-Lumen
 max. Contrast : 100,000:1
 Colors : 1.07 Billion
 Aspect Ratio : Physical 16:9 (5 aspect ratio selectable)
 Cooling system : Front - ,Side ventilation, Quick cooling

Light source

Type : Laser
 Lifetime : 20,000 h Normal Mode
 60,000 h Eco Modus
 69,000 h Dimming Mode

Objectiv

Lens : F = 2.13, f = 20.6 – 30.3 mm
 Image Size (Diagonal): 2.41 m – 5.08 m
 Throw ratio : 1.38 – 2.02 (95" @ 2.89 m)

Signal

Zoom : 1.5:1
 Video-Compatibility : NTSC / PAL / SECAM
 Video-Modes : 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
 PC Resolution : VGA (640 x 480) until 4K2K (4096 x 2160)
 Frequencies H/V : 15-135 kHz / 23-120 Hz
 Input :
 Computer in : 1 x D-sub 15 pin
 LAN : 1 x RJ45
 HDMI : 2 x HDMI (1x HDMI 2.0 & HDCP 2.2/1x HDMI 1.4 & HDCP 1.1)
 USB : 2 x USB (1x Typ A/1x Typ mini B)
 DC 12V Trigger : 1 x 3,5 mm Jack
 Wired Remote in : 1 x
 IR in : 1 x
 HDBaseT : 1 x
 Serial Input : RS232- Schnittstelle : 1 x D-Sub 9 pin
 Output : Monitor out : 1 x D-sub 15 pin

Control

Functions : Custom Lightsource Mode (brightness adjustment). Dicom Simulation Mode. High Altitude Mode. 4K Upscaling. Blank to True Black. True Zoom.24/7 Hours Operating. Dust Proof Engine. Liquid Cooling System. 360 Degree & Portrait Projection, DICOM Simulation

Safety

Energy

Characteristics

Menu (OSD) : German, English, French, Italian, Spanish and more (28 Language)
 Remote : IR-Remote Control
 Certificates : CE, TÜV-Bauart
 Power Supply : 100-240 VAC, 50/60 Hz
 Power Consumption : Max. 595 W, Standby <0,5 W
 Dimension (WxHxD) : 470.7 x 224.9 x 564.7 mm
 Weight : 19,2 kg
 Audible Noise : 37 dB (A) Normal Mode
 34 dB (A) ECO Mode
 Projection position : Front-, Table-, Back- and Ceiling projection
 Environment : + 0 ~ +40°C / 20 ~ 80 % air-humidity
 Standard accessories : Lens Cover, Remote Control incl. Batteries, Power cable,
 Warranty card
 Optional accessories : Ceiling mount
 Warranty and Service : 60 months

Latest Update 2017-09-14

Datasheets also available on: www.BenQ.nl, www.BenQ.be
 BenQ Benelux B.V., Meerenakkerweg 1-17, 5652 AR, Eindhoven



Because it matters