

LX810STD Blue Core Laser Projector



The BenQ LX810STD is an innovative laser projector which offers outstanding image quality, unbeatable reliability and installation flexibility. Configured for use in a wide range of applications, the LX810STD can easily be deployed in retail or museum environments. Installation is simplified by a variety of features including short throw capability, dual HDMI and RS232 capability. The LX810STD features BenQ's innovative Blue Core laser technology which provides over 25,000 hours of maintenance free projection.

Blue Core Laser

Introducing the Blue core laser from BenQ, an innovative and proprietary technology designed to deliver excellent image quality across a variety of venues. Powered by Digital light processing (DLP®) technology, the Blue Core laser incorporates cutting edge technology including a dual color wheel, hermetically sealed chip and TIR prism to deliver great brightness and an exceptional resolution.

Enduring Reliability

BenQ's Blue Core laser technology delivers exceptional reliability in even the most demanding applications. Laser technology eliminates the need for lamp replacement, one of the most costly and time intensive aspects of projector maintenance. Additionally, the LX810STD is configured for continuous 24/7 operation, making it ideal for retail and museum applications. An operating life of 20,000 hours ensures the total cost of ownership (TCO) is industry leading.

Installation Flexibility

Installing a professional projector can be a demanding task, but the LX810STD is equipped with a variety of features to simplify things and deliver added flexibility. The projector can be mounted at any angle allowing for impactful visual communication including portrait projecting and projecting onto ceilings and floors. Dual 10 watt speakers deliver impactful sound and create an immersive experience. A comprehensive interface including 2 HDMI portals, 2 D – sub-in portals and RS232 increase installation convenience. Multiple Display administration (MDA) software allows multiple projectors to be controlled from one place, such as a control room.

Interactive Capability

Effective staff training is essential in today's busy environment. Customers and guests pose new challenges all the time and it is important the staff retain key knowledge. The interactivity provided by the LX810STD is an excellent complement to any staff training room, allowing staff to write and annotate on images, and making content more engaging and training sessions more memorable.

Key Features

- XGA Resolution (1024 x 768)
- 3000 ANSI Lumens
- 100,000:1 Contrast ratio
- Short Throw performance (0.61)
- Digital Light Processing (DLP)

Secondary Features

- 360 any Angle projection including portrait
- 1.5A USB power supply
- 2 x 10w speakers
- SmartEco power saving technology
- Comprehensive interface – HDMI x 2, RS232 and USB Mini

LX810STD

Laser Projector

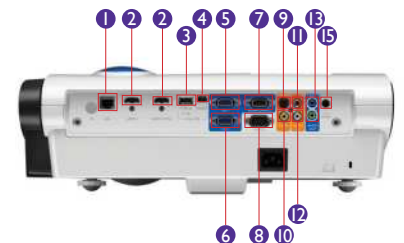
SPECIFICATIONS		
Projection System	DLP	
Native Resolution	XGA (1024 x 768)	
Brightness	3000 ANSI lumens	
Contrast Ratio	100,000:1*	
Display Color	1.07 Billion	
Lens	F=2.6, f=6.9mm	
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)	
Throw Ratio	0.61 (78"±3% @ 0.96m)	
Image Size (Diagonal)	60" ~ 120"	
Zoom Ratio	Fixed	
Light Source	Laser Light Source	
Light Source Life	20,000/25,000 hours(Normal/Eco)**	
Keystone Adjustment	1D, Vertical +/- 40 degrees	
Projection Offset	115% ± 2.5%	
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) * RB= Reduced blanking	
Horizontal Frequency	15k~102KHz	
Vertical Scan Rate	23-120Hz	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
Interface	Computer in (D-sub 15pin)	x 2 (shared with Component)
	Monitor out (D-sub 15pin)	x 1
	Composite Video in (RCA)	x 1
	S-Video in (Mini DIN 4pin)	x 1
	HDMI (1.4a)	x 2
	Audio in (Mini Jack)	x 1
	Audio L/R in (RCA)	x 1
	Audio out (Mini Jack)	x 1
	Speaker	10W x 2
	LAN (RJ45)	x 1 (LAN Control)
	USB (Type A)	x 1 (5V/1.5A power supply)
	USB (Type mini B)	x 1
	DC 12V Trigger (3.5mm Jack)	x 1
	RS232 (DB-9pin)	x 1
Dimensions	Dimensions(W x H x D)	416 x 150 x 298 mm (including adjustment foot & filter)
	Weight	5.6kg (Projector Only)
Power	Power Supply	AC100~240V, 3.3 A, 50~60 Hz
	Power Consumption	305W(Max), Standby<0.5W
Audible Noise(Normal/Eco)	39dB/36dB (with dust filter)	
On-Screen Display Languages	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)	
Picture Modes	Bright/Presentation/sRGB/Cinema/User 1/User 2	
Accessories	Standard	Optional
	Remote Control w/ Battery	Universal Wall Mount (T/R 0.6)
	Power Cord (by region)	PointWrite PW02
	User Manual CD	FingerTouch PT12
	Quick Start Guide	
	Warranty Card (by region)	
	VGA(D-sub 15pin) Cable	
	Dust filter (Assembled)	

**FOFO condition

**Light source life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice."



INPUT / OUTPUT TERMINALS



- ① LAN Port (RJ45 for Network control)
- ② HDMI I (1.49)
- ③ HDMI II (MHL)
- ④ USB TypeA (1.5A power)
- ⑤ USB Mini-B (Service)
- ⑥ Computer In-I (D-sub)
- ⑦ Monitor Out (D-sub 15pin,Female)
- ⑧ RS232 In (D-sub 9pin, male)
- ⑨ S-Video In (Mini DIN 4pin)
- ⑩ Composite Video In (RCS)
- ⑪ Audeo R (RCA)
- ⑫ Audio L (RCA)
- ⑬ Audio In/Out (Mini Jack)
- ⑭ 12v Trigger

