



DESCRIPTION

Superb Image Quality

Revolutionary Laser Technology

BenQ, the world's #1 DLP brand, introduces a full line of innovative projectors featuring proprietary DLP high brightness laser technology for large venue applications. Combining high brightness, excellent image quality, installation flexibility and a maintenance-free laser light source, BenQ Laser Projectors enable immersive public displays and innovative visual communication in ways never before possible.

Superior Brightness

Zero-deviation alignment of laser diodes boosts luminous flux into the light tunnel, improving light efficacy.

Superior Performance

Dual synchronized color wheels utilize an additive yellow segment, stimulating precise RGBY spectra for optimal chromatic performance.

Superior Durability

Comprising over two million micromirrors that reflect pure light through the color wheel, the DLP chip is hermetically sealed to resist heat for over 200,000 hours without degradation.

Dual Color Wheels Produce 95% Rec.709 Color Coverage for Optimal Color Performance

To harness the high output of the powerful laser light source, BenQ engineers utilized dual color wheels for laser projectors to significantly achieve laser-precise RGBY color by eliminating the white segment of a conventional color wheel. Through an ideal mixture of the red, green, blue and yellow color segments, BenQ laser projectors produce brilliant color and a wider color gamut than conventional lamp-based projectors.

Ultra-High Contrast with Automatic Power Control

BenQ laser projectors directly control light output for faster response and strikingly clear images at a super-high contrast ratio of 3,000,000:1. Additionally, there are automatic brightness adjustments to retain clarity and subtle details in dark scenes and balance in bright scenes.

WUXGA Resolution for Enhanced Detail and Expanded Content

With an impressive WUXGA (1920 x 1200) native resolution that far exceeds Full HD 1080p, BenQs LU9750 laser projector offers greater detail and stunning clarity image when high resolution images are projected.

Custom Light Mode to Ensure Consistent Brightness Blending

Custom Light Mode modulates light power output from 40% to 100% under a scale of 80 steps, optimizing the projected image in a variety of ambient lighting situations. It is especially useful for blending consistent brightness across multiple projections.

Enduring Reliability

Guaranteed Performance for 20,000 Hours

BenQ laser projectors deliver 20,000 hours of superior image quality and performance. The laser light source resists color decay over time, making BenQ laser projectors ideal for multiple blending projections without concern for adjacent projectors generating different levels of brightness after a period of operation.

24/7 Operation

BenQ laser light source supports continuous 24/7 operation and is suitable for public display applications in museums and exhibitions. Users can choose from three different light source modes to optimize energy consumption and delivers up to 70,000 hours under Dimming Mode.

DLP Technology for Vibrant Color Endurance

BenQ laser projectors are based on the absolute reliability of 1chip DLP design. The highly durable DLP chip is rated to last over 100,000 hours without degradation, ensuring true-to-life colors and pristinely legible text for countless uses.

Superior Dustproofing for Severe Conditions with IP5X Certification

BenQ laser projectors are designed with sealed laser modules and enclosed light engines to protect the DMD chip, color wheel sensor, laser bank and other optical components. This lock-and-key design hermetically seals the engine from dust* and high thermal conductivity metallic fluid controls engine operating temperature to prolong projector lifespan.

Excellent Installation Flexibility

Multiple Lenses for Diverse Applications

BenQ's LU9750 projector is compatible with multiple electrical optional lenses to maximize throw ratio coverage. These all-glass optics, made in Japan, eliminate chromatic aberration and color flare for utmost image quality. Maximize installation options and projection layout with a quick one-button release. Changing lenses is now simple and secure.

Factory White Balance Calibration

BenQ exclusive white balance adjustments can reduce white balance variables between images projected from different projectors to such a low level that the most people cannot see any difference. This allows for seamless and accurate picture quality without disruptive discrepancies and save time in adjusting color when installing projectors.

360° and Portrait Projection Accommodate Different Spaces

BenQ laser technology guarantees reliable projection from any angle. Dynamic installatio

TECHNICAL CHARACTERISTICS

Brand :	BENQ
Part number :	9H.JPN77.25E
Réseau :	Smart TV : N
Vidéo :	Full HD : Y
	3D sync port : Y
	AC input frequency : 50 - 60 Hz

AC input voltage : 100 - 240 V
Audio (L/R) in : 1
Cable lock slot : Y
Cables included : AC
Card reader integrated : N
Contrast ratio (typical) : 3000000:1
Depth : 587.3 mm
DVI port : Y
Ethernet LAN : Y
Ethernet LAN (RJ-45) ports : 1
HDMI ports quantity : 2
HDMI version : 2.0
Height : 211 mm
Horizontal lens shift range : -5 - 5%
Horizontal scan range : 15 - 135 kHz
Interactive : N
Keystone correction, horizontal : -30 - 30°
Keystone correction, vertical : -30 - 30°
Light source type : Laser
Manual : Y
Market positioning : Business
Native aspect ratio : 16:10
Noise level : 38 dB
Noise level (economic mode) : 35 dB
Number of colours : 1.07 billion colours
Number of optional lenses supported : 9
Number of OSD languages : 12
Offset : 9%
On Screen Display (OSD) : Y
Operating temperature (T-T) : 0 - 40 °C
PC in (D-Sub) : Y
Power consumption (max) : 885 W
Power consumption (standby) : 0.5 W
Power consumption (typical) : 792 W
Power source : AC
Product colour : Black
Product type : Standard throw projector
Projection technology : DLP
Projector brightness : 8500 ANSI lumens
Projector native resolution : WUXGA (1920x1200)
Quantity per pack : 1 pc(s)
Remote control included : Y
Screen size compatibility : 1270 - 12700 mm (50 - 500»)
Serial interface type : RS-232
Service life of light source : 20000 h
Service life of light source (economic mode) : 38000 h
Supported video modes : 720p, 1080i, 1080p, 2160p
USB 2.0 Type-B ports quantity : 1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity : 1
Vertical lens shift range : -15 - 55%
Vertical scan range : 23 - 120 Hz
VGA (D-Sub) ports quantity : 1
Weight : 26.4 kg

Width : 500 mm

Wi-Fi : N