

# Important safety instructions

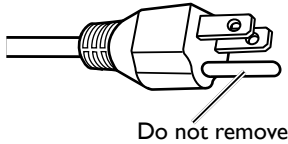
Your projector is designed and tested to meet the latest standards for safety of information technology equipment. However, to ensure safe use of this product, it is important that you follow the instructions mentioned in this manual and marked on the product.

## General safety instruction

1. Do not look straight at the projector lens during operation. The intense light beam may damage your eyes.
2. Always open the lens shutter or remove the lens cap when the projector light source is on.
3. In some countries, the line voltage is NOT stable. This projector is designed to operate safely within a mains voltage between 100 to 240 volts AC, but could fail if power cuts or surges of  $\pm 10$  volts occur. In areas where the mains voltage may fluctuate or cut out, it is recommended that you connect your projector through a power stabilizer, surge protector or uninterruptible power supply (UPS).
4. Do not block the projection lens with any objects when the projector is under operation as this could cause the objects to become heated and deformed or even cause a fire. To temporarily turn off the light source, press **BLANK** on the remote control.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, sustaining serious damage.
6. Do not attempt to disassemble this projector. There are dangerous high voltages inside which may cause death if you should come into contact with live parts.  
Under no circumstances should you ever undo or remove any other covers. Refer servicing only to suitably qualified professional service personnel.
7. Do not place this projector in any of the following environments.
  - Space that is poorly ventilated or confined. Allow at least 50 cm clearance from walls and free flow of air around the projector.
  - Locations where temperatures may become excessively high, such as the inside of a car with all windows rolled up.
  - Locations where excessive humidity, dust, or cigarette smoke may contaminate optical components, shortening the projector's life span and darkening the image.
  - Locations near fire alarms
  - Locations with an ambient temperature above 40°C / 104°F
  - Locations where the altitudes are higher than 3000 m (10000 feet).
8. Do not block the ventilation holes.
  - Do not place this projector on a blanket, bedding or any other soft surface.
  - Do not cover this projector with a cloth or any other item.
  - Do not place inflammables near the projector.

If the ventilation holes are seriously obstructed, overheating inside the projector may result in a fire.

9. Do not step on the projector or place any objects upon it. Besides probable physical damage to the projector, doing so may result in accidents and possible injury.
10. Do not place liquids near or on the projector. Liquids spilled into the projector may cause it to fail. If the projector does become wet, disconnect it from the power supply's wall socket and call BenQ to have the projector serviced.



This equipment has a three-pin grounding-type power plug. Do not remove the grounding pin. As a safety feature, this plug will only fit a grounding-type power outlet. If you are unable to fit the plug into the outlet, contact an electrician.

## Notice on laser



This symbol indicates that there is a potential hazard of eye exposure to laser radiation unless the instructions are closely followed.

### Laser class



(for USA) This Laser Product is designated as Class 3R during all procedures of operation and complies with IEC/EN 60825-1:2007.

(for WW) This Laser Product is designated as Class I during all procedures of operation and complies with IEC/EN 60825-1:2014.



**LASER LIGHT - AVOID DIRECT EYE EXPOSURE.**

Do not point laser or allow laser light to be directed or reflected toward other people or reflective objects.

Direct or scattered light can be hazardous to eyes and skin.

There is a potential hazard of eye exposure to laser radiation if the included instructions are not followed.

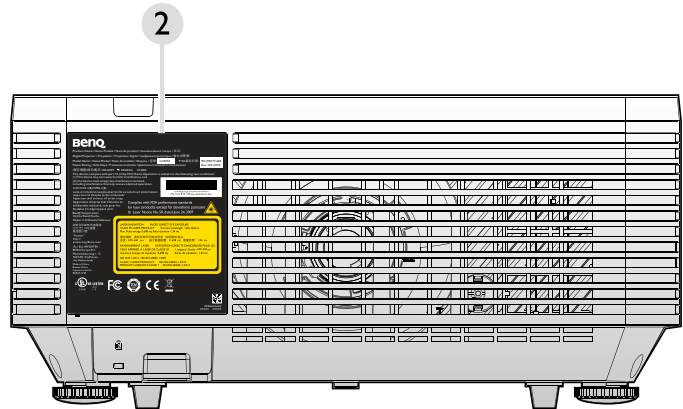
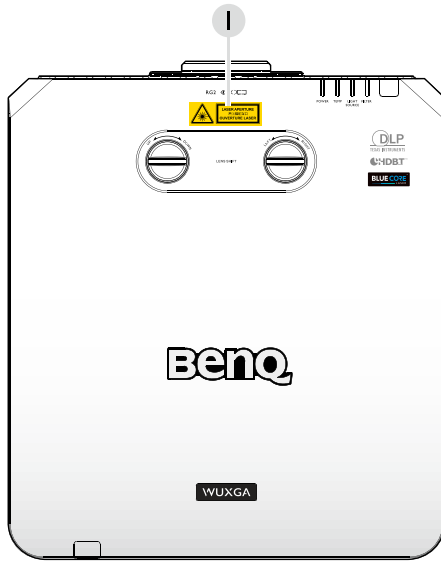
Caution – use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### Laser parameters

Wavelength	450nm - 460nm (Blue)
Mode of operation	Pulsed, due to frame rate
Pulse width	1.34ms
Pulse repetition rate	120Hz
Maximum laser energy	0.698mj
Total internal power	>100w
Apparent source size	>10mm, at lens stop
Divergence	>100 mili Radian

## Label instruction

Below drawing show the label's location.



### 1. Laser warning label



### 2. Spec label

**BenQ**

Product Name / Nama Produk / Nom du produit / Наименование товара / 品名:  
Digital Projector / Proyektor / Projecteur digital / Цифровые проекторы / 數位投影機

Model Name / Nama Model / Nom du modèle / Модель / 型號: LU9255 P/N/產品料號: 9HJM77.26E  
Power Rating / Nilai Daya / Puissance nominale / Диапазон питающего напряжения Rev.:XX-XXXX

/額定電壓/頻率/電流:100-240V ~ 50/60Hz 10.00A

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.

CANICES:3(B)/NMB-3(B)

Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan  
Apparatet må tilkoples jordat stikkontakt  
Apparatet skall anslutas till jordat uttag  
Apparatets stekprop skal tilsluttes en stikkontakt med jord, som giver for bindelse til stekproppens jord  
BenQ Corporation  
16 Jihu Road, Neihu,  
Taipei 114, Taiwan(Taiwan)

臺灣及新加坡地區總代理  
奇智有限公司 鴻運  
基運路16號

\*Patents\*  
<http://patmarking.Benq.com/>  
(For EU) IMPORTER:  
BENQ Europe B.V.  
Meerenskerweg 1-17,  
5652 AR, Eindhoven,  
the Netherlands  
Buzsan China  
Capetains 38783as  
制勝地中國

Complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007

**LASER RADIATION AVOID DIRECT EYE EXPOSURE**  
**CLASS 3R LASER PRODUCT** Emitted wavelength : 450-460nm  
Max. Pulse energy: 0.698 mJ, Pulse duration: 1.34 ms

雷射輻射 避免眼睛受到直接照射 3R級雷射產品  
波長: 450-460 nm 最大脈衝能量: 0.698 mJ 脈衝持續: 1.34 ms

RAYONNEMENT LASER EXPOSITION DIRECTE DANGEREUSE POUR LES YEUX APPAREL A LASER DE CLASSE 3R Longueur d'onde: 450-460nm  
maximum energie de impulsion : 0.698 mJ, durée de impulsion : 1.34 ms

GB 7247.1-2012 / IEC/EN 60825-1:2007  
**CLASS 3 LASER PRODUCT IEC/EN 60825-1:2014**  
**PRODUIT LASER DE CLASSE 3 IEC/EN 60825-1:2014**

326xxxxxxx  
xxxxxx xxxxxx

## Laser light instruction

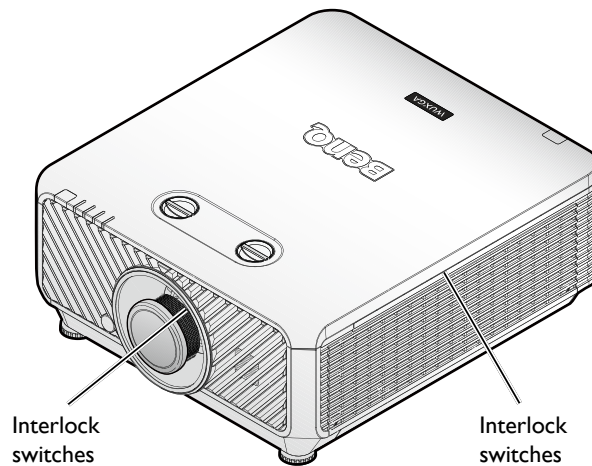
Below drawing is the laser aperture location. Be careful not to let the eye see the light directly.



## Interlock switches

This machine has 2 (Top cover x 1, Lens x 1) Interlock switches to protect the laser light Leakage.

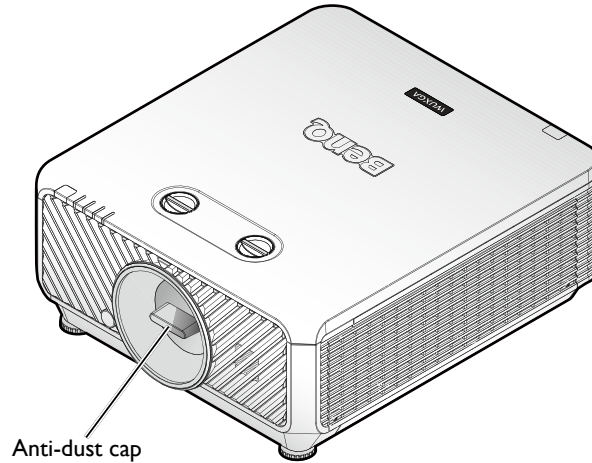
1. Will power-off the system individually when the top cover is removed.
2. Will power-off the system individually when the lens is removed or not install correctly.



## Prepare for installation

### Caution for installation

1. If the projector and lens were purchased separately, remove the anti-dust cap before use and store it for future use. When transporting the projector, move the lens to the home position, remove the lens, and attach the anti-dust cap.



2. When the projector is not in use, attach the lens cover supplied with the projector or the projection lens.



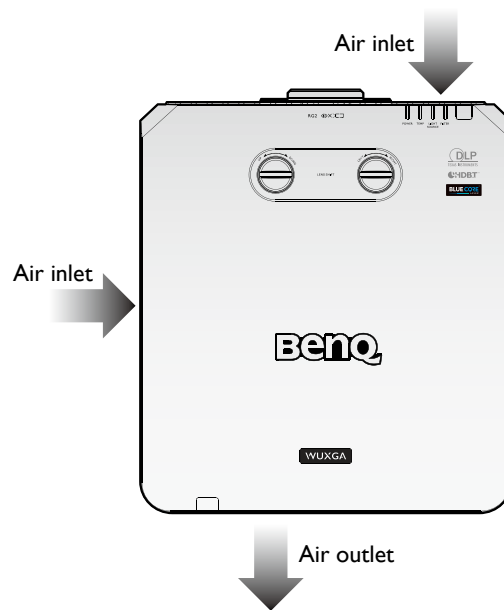
### Focus adjustment

The high clarity projection lens is thermally affected by the light from the bulb; thus, the focus is unstable for a short period immediately after the power is turned on. Please wait at least 15 minutes of continuous projection before adjusting the focus.

## Cooling notice

Allow at least 50 cm (19.7 inch) for clearance around the exhaust vent. Make sure no objects block air input within 30 cm (11.8 inch).

Keep the outlet at least 1 m away from the inlets of other projectors.



- The projector can be installed at any angle.

