

Video Projector

Safety Regulations

Before operating the unit, please read this manual thoroughly and retain it for future reference.

When using the product, do not use it for purposes other than those described in the instruction manual.

VPL-VZ1000

ES


4693527170

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WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

WARNING
THIS APPARATUS MUST BE EARTHED.

- CAUTION
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.
 - When you dispose of the battery or the product, you must obey the law in the corresponding area or country. Do not dispose of the battery or the product in a fire or a hot oven, or mechanically crush or cut the battery. It may explode or cause a fire. Do not subject the battery to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
 - Do not place the battery in a high temperature place, such as under direct sunlight or near fire. It may ignite, explode, or cause a fire. Do not immerse or wet the battery in water or seawater. This may cause an electric shock.

WARNING
When installing the unit, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power plug to an easily accessible socket-outlet near the unit.
If a fault should occur during operation of the unit, operate the disconnect device to switch the power supply off, or disconnect the power plug.

CAUTION
About the LAN connector
For safety, do not connect the connector for peripheral device wiring that might have excessive voltage to this port.

WARNING
1. Use the approved Power Cord (3-core mains lead) / Appliance Connector / Plug with earthing-contacts that conforms to the safety regulations of each country/region if applicable.



2. Use the Power Cord (3-core mains lead) / Appliance Connector / Plug conforming to the proper ratings (Voltage, Ampere).
- If you have questions on the use of the above Power Cord / Appliance Connector / Plug, please consult a qualified service personnel.

Caution
Two size AA (R6) batteries are required for Remote Control.
To avoid risk of explosion, use size AA (R6) manganese or alkaline batteries.

For the customers in the U.S.A.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

All interface cables used to connect peripherals must be shielded in order to comply with the limits for a digital device pursuant to Subpart B of part 15 of FCC Rules.

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.

If you have any questions about this product, you may call;
Sony Customer Information Service Center
1-800-222-7669 or <http://www.sony.com/>

Declaration of Conformity

Trade Name: SONY
Model: VPL-VZ1000
Responsible party: Sony Electronics Inc.
Address: 16535 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone Number: 858-942-2230

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For the customers the U.S.A. and Canada
Radiated Exposure Statement:
The product complies with the US/Canadian portable RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or if the device is set to lower output power if such function is available.

For the customers in Canada
This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

For the customers in Canada
CAN ICES-3 (B)/NMB-3(B)

CAUTION
When you connect the LAN cable of the unit to peripheral device, use a shielded-type cable to prevent malfunction due to radiation noise.

For kundene i Norge
Dette utstyret kan kobles til et IT-strømfordelingssystem.

For the customers in the U.S.A. (Also where IEC 62368-1:2014 is applicable)

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
This product is classified as a CLASS 2 LASER PRODUCT.

IEC 60825-1:2007
LASER RADIATION
DO NOT STARE INTO BEAM WAVE LENGTH:450-460nm
CLASS 2 LASER PRODUCT MAX OUTPUT < 27.5mW

WARNING
LASER RADIATION
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT

CAUTION
Do not look into the lens while in use.

CAUTION
Do not allow children to operate this product without supervision.

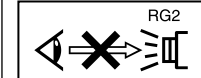
CAUTION
The use of optical instruments with this product will increase eye hazard.

For the customers in other countries/regions



LASER
1

IEC 60825-1:2014
CLASS 1 LASER PRODUCT



RG2

As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015.

WARNING: Do not look into the lens while in use.

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

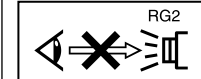
Caution
The use of optical instruments with this product will increase eye hazard.

För kunderna i Sverige



LASER
1

IEC 60825-1:2014
LASERPRODUKT AV KLASS 1



RG2

Precis som med alla starka ljuskällor bör man inte titta direkt i strålen, RG2 IEC 62471-5:2015.

VARNING: Titta aldrig in i projektorns lins medan den används.

Försiktighet!
Användandet av kontroller eller justeringar eller utförandet av andra procedurer än de som specificeras här i kan resultera i exponering av farlig strålning.

Försiktighet!
Användandet av optiska instrument med denna produkt ökar risk för ögonskada.

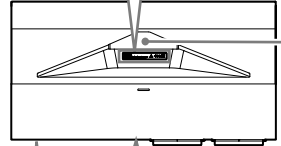
Location information of the labels

CAUTION LABEL

IEC 60825-1:2007
LASER RADIATION
DO NOT STARE INTO BEAM WAVE LENGTH:450-460nm
CLASS 2 LASER PRODUCT MAX OUTPUT < 27.5mW



RG2



Laser Aperture

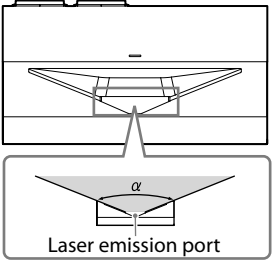
CLASS 1 LABEL

IEC 60825-1:2014
LASER
1

LABEL (for service personnel)

CAUTION - CLASS 2 LASER RADIATION WHEN OPEN
DO NOT STARE INTO THE BEAM
ATTENTION - RAYONNEMENT LASER DE CLASSE 2 - EN CAS D'OUVERTURE
NE PAS REGARDER DANS LE FAISCEAU
注意 - 打开时有2类激光辐射
勿直视光束
DİKKAT - AÇILDIĞINDA SINIF 2 LAZER RADYASYONU
İŞİNE BAKMAYIN

Light source specifications
3.75 W laser diode × 24 (450 - 460 nm)
Beam divergence angle from lens of this unit
 $\alpha = 133^\circ$



About 3D Glasses
The 3D Glasses communicate with the projector via Bluetooth technology to display 3D signals.
(a) frequency band(s) in which the radio equipment operates:
2.4 - 2.4835 GHz
(b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates:
4.30 dBm (E.I.R.P.)



For the customers in Europe

Bulgarian	С настоящото, Sony Corporation декларира, че това оборудване е в съответствие с Директива 2014/53/EU. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: http://www.compliance.sony.eu/
Croatian	Sony Corporation ovime izjavljuje da je ova oprema u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: http://www.compliance.sony.eu/
Czech	Sony Corporation tímto prohlašuje, že toto zařízení je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.compliance.sony.eu/
Danish	Herved erklærer Sony Corporation, at dette udstyr er i overensstemmelse med direktiv 2014/53/EU. Den fulde ordlyd af EU-overensstemmelseserklæringen er tilgængelig på følgende internetadresse: http://www.compliance.sony.eu/
Dutch	Hierbij verklaart Sony Corporation dat deze radioapparatuur conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.compliance.sony.eu/
English	Hereby, Sony Corporation declares that this equipment is in compliance with the UK relevant statutory requirements. The full text of the declaration of conformity is available at the following internet address: https://compliance.sony.co.uk Hereby, Sony Corporation declares that this equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.compliance.sony.eu/
Estonian	Käesolevaga deklareerib Sony Corporation, et käesolev seade vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: http://www.compliance.sony.eu/
Finnish	Sony Corporation vakuuttaa, että tämä laite on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: http://www.compliance.sony.eu/
Greek	Με την παρούσα Sony Corporation δηλώνει ότι, αυτή η συσκευή πληροί τους όρους της οδηγίας 2014/53/EU. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: http://www.compliance.sony.eu/
Hungarian	A Sony Corporation igazolja, hogy ez a készülék megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: http://www.compliance.sony.eu/

Latvian	Ar šo Sony Corporation deklarē, ka šī iekārta atbilst direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://www.compliance.sony.eu/
Lithuanian	Mes, Sony Corporation, patvirtiname, kad šis įrenginys atitinka direktyvą 2014/53/EU. Visas ES atitikties deklaracijos tekstas pasiekiamas šiuo internetiniu adresu: http://www.compliance.sony.eu/
Norwegian	Herved erklærer Sony Corporation at utstyrtypen er i samsvar med direktiv 2014/53/EU. EU-erklæring fulltekst finner du på Internett under: http://www.compliance.sony.eu/
Polish	Sony Corporation niniejszym oświadcza, że to urządzenie jest zgodne z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://www.compliance.sony.eu/
Portuguese	O(a) abaixo assinado(a) Sony Corporation declara que o presente equipamento está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: http://www.compliance.sony.eu/
Romanian	Prin prezenta, Sony Corporation declară că acest echipament este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: http://www.compliance.sony.eu/
Slovak	Sony Corporation týmto vyhlasuje, že zariadenie je v súlade so smernicou 2014/53/EÚ. Úplné vyhlásenie EÚ o zhode je k dispozícii na tejto internetovej adrese: http://www.compliance.sony.eu/
Slovenian	Sony Corporation potrjuje, da je ta oprema skladna z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.compliance.sony.eu/
Swedish	Härmed försäkrar Sony Corporation att denna utrustning överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: http://www.compliance.sony.eu/
Turkish	Sony Corporation, bu cihazın 2014/53/EU Direktifi ile uyumlu olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur: http://www.compliance.sony.eu/

For the customers in Korea

B급 기기(가정용 방송통신기자재)

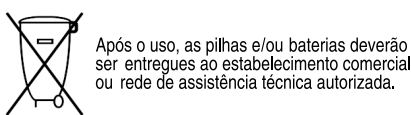
이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든지역에서 사용할 수 있습니다.

해당 무선설비가 전파혼신 가능성이 있으므로, 인명안전과 관련된 서비스를 할 수 없음.

For the Customers in Brazil only

Apenas para clientes no Brasil

DESCARTE DE PILHAS E BATERIAS



Após o uso, as pilhas e/ou baterias deverão ser entregues ao estabelecimento comercial ou rede de assistência técnica autorizada.

Pilhas e Baterias não recarregáveis

Atenção:

Verifique as instruções de uso do aparelho certificando-se de que as polaridades (+) e (-) estão no sentido indicado. As pilhas poderão vazar ou explodir se as polaridades forem invertidas, expostas ao fogo, desmontadas ou recarregadas.

Evite misturar com pilhas de outro tipo ou com pilhas usadas, transportá-las ou armazená-las soltas, pois aumenta o risco de vazamento.

Retire as pilhas caso o aparelho não esteja sendo utilizado, para evitar possíveis danos na eventualidade de ocorrer vazamento.

As pilhas devem ser armazenadas em local seco e ventilado.

No caso de vazamento da pilha, evite o contato com a mesma. Lave qualquer parte do corpo afetado com água abundante. Ocorrendo irritação, procure auxílio médico.

Não remova o invólucro da pilha.

Mantenha fora do alcance das crianças. Em caso de ingestão procure auxílio médico imediatamente.

Türkiye’deki müşteriler için

AEEE Yönetmeliğine Uygundur

For the customers in the U.S.A.

SONY LIMITED WARRANTY - Please visit <http://www.sony.com/psa/warranty> for important information and complete terms and conditions of Sony's limited warranty applicable to this product.

For the customers in Canada

SONY LIMITED WARRANTY - Please visit <http://www.sonybiz.ca/pro/lang/en/ca/article/resources-warranty> for important information and complete terms and conditions of Sony's limited warranty applicable to this product.

For the customers in Europe

Sony Professional Solutions Europe - Standard Warranty and Exceptions on Standard Warranty.

Please visit <https://pro.sony/support-services/primesupport/support-professional-solutions-europe-standard-product-warranty> for important information and complete terms and conditions.

For the customers in Korea

SONY LIMITED WARRANTY - Please visit <http://bpeng.sony.co.kr/handler/BPAS-Start> for important information and complete terms and conditions of Sony's limited warranty applicable to this product.

Precautions

On safety

- Check that the operating voltage of your unit is identical with the voltage of your local power supply.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it further.
- Unplug the unit from the wall outlet if it is not to be used for several days.
- To disconnect the cord, pull it out by the plug. Never pull the cord itself.
- The wall outlet should be near the unit and easily accessible.
- The unit is not disconnected to the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- Do not look into the lens while in use.
- Do not place your hand or objects near the ventilation holes. The air coming out is hot.

On preventing internal heat build-up

After you turn off the power with the I/⏻ (On/Standby) button, do not disconnect the unit from the wall outlet while the cooling fan is still running.

Caution

This unit is equipped with ventilation holes (intake/exhaust). Do not block or place anything near these holes, or internal heat build-up may occur, causing picture degradation or damage to the unit.

On repacking

Save the original shipping carton and packing material; they will come in handy if you ever have to ship your unit. For maximum protection, repack your unit as it was originally packed at the factory.

On watching 3D video images

Safety precautions

- You should only use the 3D glasses for watching 3D video images.
- If you observe flickering or flashing, turn off the lighting in the room.
- Not for use by children without proper adult supervision.
- Be careful not to pinch your fingers in hinges of the 3D glasses when bending the temple frames.
- Do not drop or modify these 3D glasses.
- If these glasses are broken, keep broken pieces away from your mouth or eyes.

On inspection of light source related parts

Since the unit uses a laser, when performing maintenance or inspection of light source related parts, particular attention and a safe environment are necessary. Be sure to consult with qualified Sony personnel (charged).

On LCD Projector

The LCD projector is manufactured using high-precision technology. You may, however, see tiny black points and/or bright points (red, blue, or green) that continuously appear on the LCD projector. This is a normal result of the manufacturing process and does not indicate a malfunction. Also, when you use multiple LCD projectors to project onto a screen, even if they are of the same model, the color reproduction among projectors may vary, since color balance may be set differently from one projector to the next.

On condensation

If the room temperature where the projector is installed changes rapidly, or if the projector is moved suddenly from a cold to a warm place, condensation in the projector may occur. As the condensation may cause malfunction, be careful in adjusting temperature settings of the air conditioner. If condensation occurs, leave the projector turned on for about two hours before use.

Notes on security

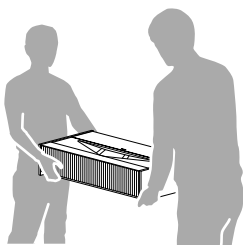
- SONY WILL NOT BE LIABLE FOR DAMAGES OF ANY KIND RESULTING FROM A FAILURE TO IMPLEMENT PROPER SECURITY MEASURES ON TRANSMISSION DEVICES, UNAVOIDABLE DATA LEAKS RESULTING FROM TRANSMISSION SPECIFICATIONS, OR SECURITY PROBLEMS OF ANY KIND.
- Depending on the operating environment, unauthorized third parties on the network may be able to access the unit. When connecting the unit to the network, be sure to confirm that the network is protected securely.
- From a safety standpoint, when using the unit connected with the network, it is strongly recommended to access the Control window via a Web browser and change the access limitation settings from the factory preset values (refer to “Network Features” in the Operating Instructions). Changing the password regularly is also recommended.
- Do not browse any other website in the Web browser while making settings or after making settings. Since the login status remains in the Web browser, close the Web browser when you complete the settings to prevent unauthorized third parties from using the unit or harmful programs from running.

SONY WILL NOT BE LIABLE FOR DAMAGES OF ANY KIND RESULTING FROM THE USE OF THIS UNIT FOR PURPOSES OTHER THAN GENERAL HOME USE, EITHER DURING THE WARRANTY PERIOD OR AFTER EXPIRATION OF THE WARRANTY.

Notes on Installation and Usage

Carrying the unit

When carrying the unit, be sure to use two or more people - one person for each side as in the illustration. When holding the bottom of the unit, hold it firmly by placing your hand under the inner part as much as possible.

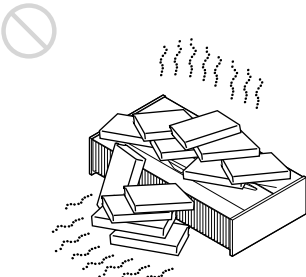


Unsuitable installation

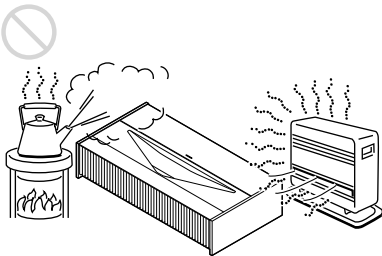
Do not place the unit in the following situations, which may cause malfunction or damage to the unit.

Poorly ventilated location

Leave space of more than 30 cm (11 7/8 inches) from the top or front of the unit.

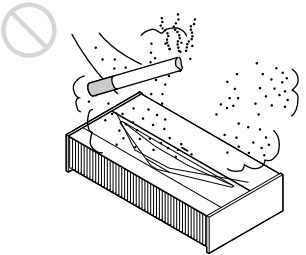


Hot and humid



Very dusty and extremely smoky locations

The air filter will become obstructed, and this may cause a malfunction of the unit or damage it.



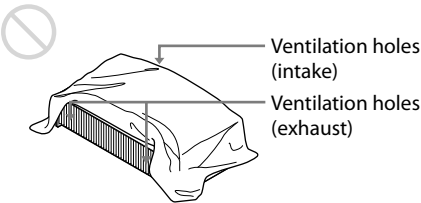
Other Note

- Air from air conditioners or the ventilation holes of this unit or other devices, may cause oscillation on the projection surface. Be sure not to install this unit in the area where the air from air conditioners or the ventilation holes of these devices reach to the lens part of this unit.
- If there is debris, sand, etc. in the legs of the unit, the floor may be damaged.

Unsuitable Conditions

Do not do any of the following while using the unit.

Blocking the ventilation holes (intake or exhaust)



Tilting front/rear and left/right

If the unit is installed with inclining back and forth, the picture shape on the projection surface is trapezoidal. Install the unit so that the unit and projection surface are arranged in parallel.

When installing the unit at high altitudes

When using the unit at an altitude of 1,500 m (approx. 4,900 ft) or higher, set “High Altitude Mode” on the Setup  menu to “On”. Failing to set this mode when using the unit at high altitudes could have adverse effects, such as reducing the reliability of certain components.

Safety precautions for installing the unit on a ceiling

- Never mount the projector on the ceiling or move it by yourself. Be sure to consult with qualified Sony personnel (charged).
- When installing the unit on a ceiling, be sure to use a safety wire, etc., to prevent the unit from falling. Entrust the installation to an experienced contractor or installer.

For dealers

- When the projector is mounted on the ceiling, a Sony bracket or recommended equivalent must be used for installation.
- Be sure to secure the cabinet cover firmly when installing to the ceiling firmly.
- Be sure to attach the strap to the side covers when attaching the side covers to the unit.

