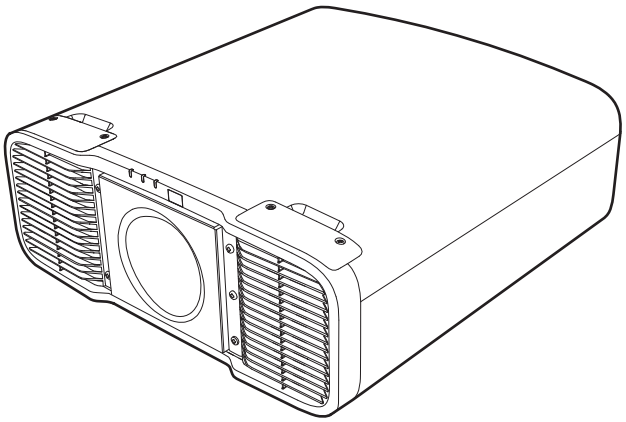
JVC

INSTRUCTIONS

D-ILA PROJECTOR

DLA-VS2600G
DLA-VS2600SG



D-ILA®

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Mobile User Guide

● ***https://manual3.jvckenwood.com/projector/mobile/global/***

The Mobile User Guide can be viewed on mobile internet devices including smartphones and tablets.

For Customer use :
Enter below the serial No. which is located on the side of the cabinet. Retain this information for future reference.

Model No.	DLA-VS2600G, DLA-VS2600SG
Serial No.	

Not suitable for household room illumination.

B5A-4858-00

Safety Precautions

IMPORTANT INFORMATION

WARNING:
TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

WARNING:
THIS APPARATUS MUST BE EARTHED.

CAUTION:
To reduce the risk of electric shock, do not remove cover. Refer servicing to qualified service personnel.

This projector is equipped with a 3-blade grounding type plug to satisfy FCC rule. If you are unable to insert the plug into the outlet, contact your electrician.

NOISE EMISSION DECLARATION
The sound pressure level at the operator position is equal or less than 60dB(A) according to ISO7779.

WARNING:
IF THE LENS COVER IS ATTACHED, REMOVE IT BEFORE TURNING ON THE PROJECTOR.

WARNING
This equipment is compliant with Class A of CISPR 32.
In residential environment this equipment may cause radio interference.

Changes or modifications not approved by JVC could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.
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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Supplier's Declaration of Conformity

Trade Name: **JVC**

Products: **D-ILA Projector**

Model Name: **DLA-VS2600G, DLA-VS2600SG**

Responsible Party: **JVCKENWOOD USA Corporation**
1440 Corporate Drive, Irving, TX 75038
Telephone number: 678-449-8879

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.

IMPORTANT SAFEGUARDS

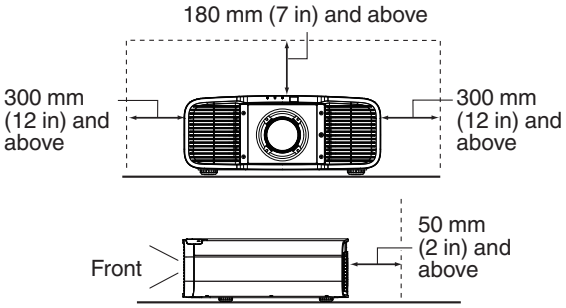
Electrical energy can perform many useful functions. This unit has been engineered and manufactured to assure your personal safety. But IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD. In order not to defeat the safeguards incorporated into this product, observe the following basic rules for its installation, use and service. Please read these Important Safeguards carefully before use.

- All the safety and operating instructions should be read before the product is operated.
- The safety and operating instructions should be retained for future reference.
- All warnings on the product and in the operating instructions should be adhered to.
- All operating instructions should be followed.
- Place the projector near a wall outlet where the plug can be easily unplugged.
- Unplug this product from the wall outlet before cleaning.
- Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Do not use attachments not recommended by the product manufacturer as they may be hazardous.
- Do not use this product near water. Do not use immediately after moving from a low temperature to high temperature, as this causes condensation, which may result in fire, electric shock, or other hazards.
- Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. The product should be mounted according to the manufacturer's instructions, and should use a mount recommended by the manufacturer.
- When the product is used on a cart, care should be taken to avoid quick stops, excessive force, and uneven surfaces which may cause the product and cart to overturn, damaging equipment or causing possible injury to the operator.

PORTABLE CART WARNING
(symbol provided by RETAC)

S3126A

- Slots and openings in the cabinet are provided for ventilation. These ensure reliable operation of the product and protect it from overheating. These openings must not be blocked or covered. (The openings should never be blocked by placing the product on bed, sofa, rug, or similar surface. It should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided and the manufacturer's instructions have been adhered to.)
- To allow better heat dissipation, keep a clearance between this unit and its surrounding as shown below. When this unit is enclosed in a space of dimensions as shown below, use an air-conditioner so that the internal and external temperatures are the same. Overheating can cause damage.



- Power source indicated on the label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
- This product is equipped with a three-wire plug. This plug will fit only into a grounded power outlet. If you are unable to insert the plug into the outlet, contact your electrician to install the proper outlet. Do not defeat the safety purpose of the grounded plug.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at doors, plugs, receptacles, and the point where they exit from the product.
- For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power line surges.
- Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.
- Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltages and other hazards. Refer all service to qualified service personnel.
- Unplug this product from the wall outlet and refer service to qualified service personnel under the following conditions:

  a) When the power supply cord or plug is damaged.
  b) If liquid has been spilled, or objects have fallen on the product.
  c) If the product has been exposed to rain or water.
  d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the Operation Manual, as an improper adjustment of controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
  e) If the product has been dropped or damaged in any way.
  f) When the product exhibits a distinct change in performance, this indicates a need for service.

- When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or with same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- The product should be placed more than one foot away from heat sources such as radiators, heat registers, stoves, and other products (including amplifiers) that produce heat.
- When connecting other products such as VCR's, and DVD players, you should turn off the power of this product for protection against electric shock.
- Do not place combustibles behind the cooling fan. For example, cloth, paper, matches, aerosol cans or gas lighters that present special hazards when over heated.
- Do not ceiling-mount the projector to a place which tends to vibrate; otherwise, the attaching fixture of the projector could be broken by the vibration, possibly causing it to fall or overturn, which could lead to personal injury.
- Use only the accessory cord designed for this product to prevent shock.
- For health reasons, please take a break of about 5-15 minutes every 30-60 minutes and let your eyes rest.
- Once every three years, please perform an internal test. This unit is provided with replacement parts needed to maintain its function (such as cooling fans). Estimated replacement time of parts can vary greatly depending on frequency of use and the respective environment. For replacement, please consult your dealer, or the nearest authorized JVC service center.
- When fixing the unit to the ceiling, Please note that we do not take any responsibility, even during the warranty period, if the product is damaged due to use of metal fixtures used for fixation to the ceiling other than our own or if the installation environment of said metal fixtures is not appropriate. If the unit is suspended from the ceiling during use, please be careful in regard to the ambient temperature of the unit. If you use a central heating, the temperature close to the ceiling will be higher than normally expected.
- Video images can burn into the electronic component parts. Please do not display screens with still images of high brightness or high contrast, such as found in video games and computer programs. Over a long period of time it might stick to the picture element. There is no problem with the playback of moving images, e.g. normal video footage.
- Install the outlet at an accessible height to unplug from the wall. Or install the circuit breaker at an accessible height to shut down the projector. If you need information, please consult your authorized dealer or specialist.
- Take care not to drop this unit while carrying it. Otherwise, it may cause injuries, or damage this unit.
- Do not project images with the lens cover attached. Otherwise, the lens cover may be deformed due to the heat, or the projector may malfunction.
- Do not place your hand into the opening near the lens while lens shift is in progress. Otherwise, your hand may get caught, resulting in an injury.
- Not using the unit for a long time can lead to malfunction. Please power it on and let it run occasionally. Please avoid using the unit in a room where cigarettes are smoked. It is impossible to clean optical component parts if they are contaminated by nicotine or tar. This might lead to performance degradation.
- When you are connecting the devices, connect the cable after you have turned off the power of each device. Making connection with each device being turned on may cause this unit to malfunction.
- Before connecting the cables, remove any static electricity from your body by touching the wall with the palm of your hand.

*** DO NOT allow any unqualified person to install the unit.**

Be sure to ask your dealer to install the unit (e.g.attaching it to the ceiling) since special technical knowledge and skills are required for installation. If installation is performed by an unqualified person, it may cause personal injury or electrical shock.

- Do not use optical instruments (such as magnifying glass or reflector) viewing the laser output. It may pose an eye hazard.
- When turning on the projector, ensure that no one is looking into the projection lens.
- Do not look into the lens and openings when the light is on. Doing so would have serious effects on the human body.
- Do not detach or attach the projection lens with the power connected.
- Attempting to disassemble, repair or modify the projector yourself may lead to serious safety issues.
- Using a faulty product not only results in electrical shock or fire hazard, it can cause visual impairment.
- When abnormality occur, stop using the projector immediately and send it to your authorized dealer for repair.
- This equipment is not suitable for use in locations where children are likely to be present.

About the installation place

Do not install the projector in a place that cannot support its weight securely.
If the installation place is not sturdy enough, the projector could fall or overturn, possibly causing personal injury.

Removing the batteries

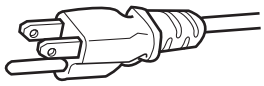
CAUTION

• Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the local recycling standards.

POWER CONNECTION

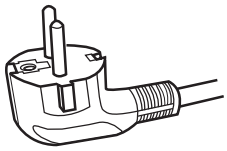
For USA and Canada only
Use only the following power cord.

Power cord



The power supply voltage rating of this product is AC100V – AC240V. Use only the power cord designated by our dealer to ensure Safety and EMC. Ensure that the power cable used for the projector is the correct type for the AC outlet in your country. Consult your product dealer.

Power cord



For European continent countries

WARNING:
Do not cut off the main plug from this equipment.

If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or adapter or consult your dealer. If nonetheless the mains plug is cut off, dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the main supply.

WARNING:
THIS APPARATUS MUST BE EARTHED.

Dear Customer,
This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.
European representative of
JVC KENWOOD Corporation is:
JVCKENWOOD Deutschland GmbH
Konrad-Adenauer-Allee 1-11,
61118 Bad Vilbel,
GERMANY

IMPORTANT (Europe only):
The wires in the mains lead on this product are colored in accordance with the following code:

Green-and-yellow : Earth
Blue : Neutral
Brown : Live

As these colors may not correspond with the colored making identifying the terminals in your plug, proceed as follows:
The wire which is colored green-and-yellow must be connected to the terminal which is marked M with the letter E or the safety earth or colored green or green-and-yellow. The wire which is colored blue must be connected to the terminal which is marked with the letter N or colored black.
The wire which is colored brown must be connected to the terminal which is marked with the letter L or colored red.

Battery

Information on Battery into the Remote Controller

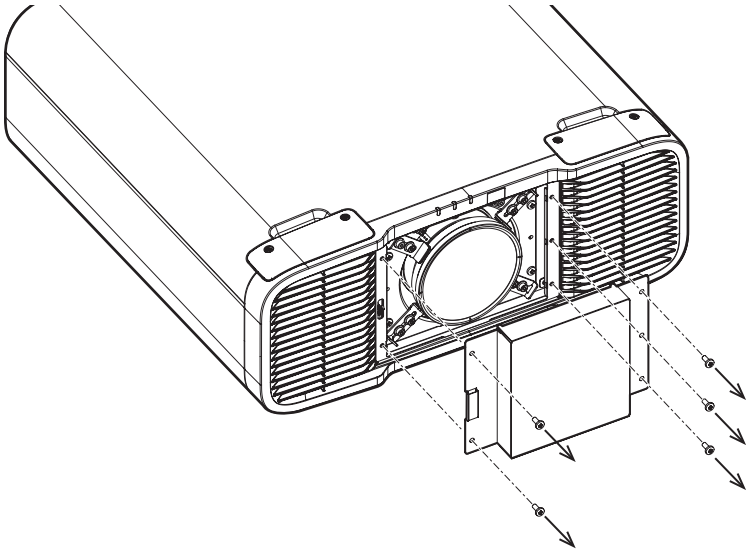
The batteries included with this product comply with EU battery regulations.

Type : R03(NWC)
Manufacturer : Panasonic Energy Co., Ltd.
Address : 1-1, matsushita-cho, moriguchi-shi, osaka 570-8511, JAPAN
URL : https://www.panasonic.com/global/energy/

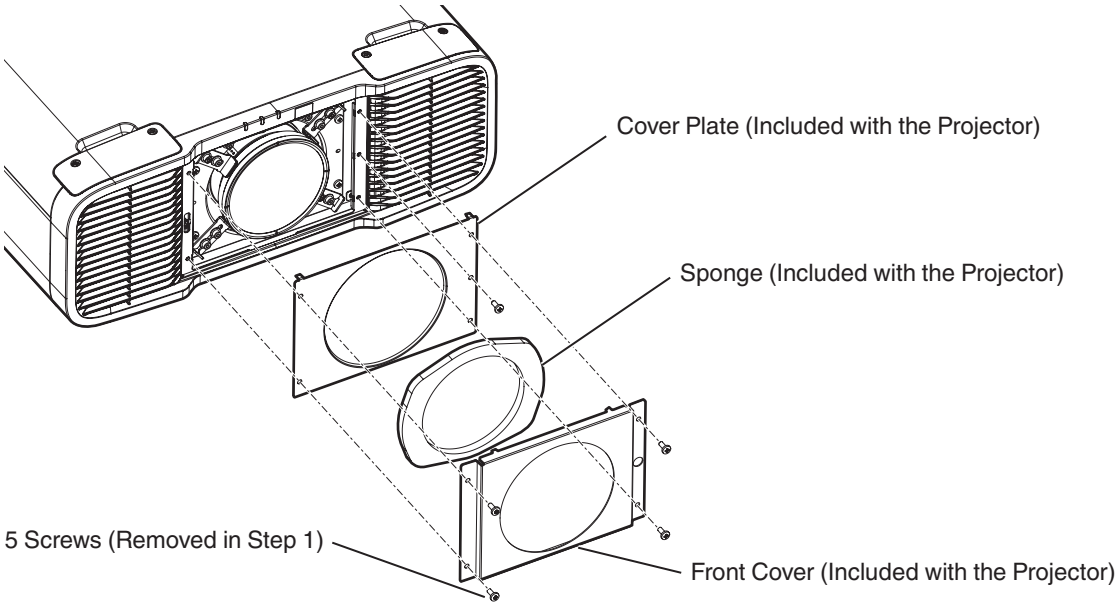
DLA-VS2600SG

Before using the projector, remove the transport cover and install the front cover, sponge and cover plate.

1

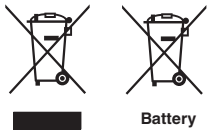


2



ENGLISH

Information for Users on Disposal of Old Equipment and Batteries



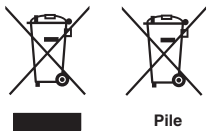
[European Union only]

These symbols indicate that equipment with these symbols should not be disposed of as general household waste. If you want to dispose of the product or battery, please consider the collection systems or facilities for appropriate recycling.

Notice: The sign Pb below the symbol for batteries indicates that this battery contains lead.

FRANÇAIS

Informations relatives à l'élimination des appareils et des piles usagés, à l'intention des utilisateurs



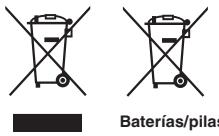
[Union européenne seulement]

Si ces symboles figurent sur les produits, cela signifie qu'ils ne doivent pas être jetés comme déchets ménagers. Si vous voulez jeter ce produit ou cette pile, veuillez considérer le système de collecte des déchets ou les centres de recyclage appropriés.

Notification: La symbole Pb en dessous du symbole des piles indique que cette pile contient du plomb.

ESPAÑOL / CASTELLANO

Información para los usuarios sobre la eliminación de baterías/pilas usadas



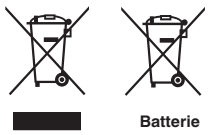
[Sólo Unión Europea]

Estos símbolos indican que el equipo con estos símbolos no debe desecharse con la basura doméstica. Si desea desechar el producto o batería/pila, acuda a los sistemas o centros de recogida para que los reciclen debidamente.

Atención: La indicación Pb debajo del símbolo de batería/pila indica que ésta contiene plomo.

DEUTSCH

Benutzerinformationen zur Entsorgung alter Geräte und Batterien



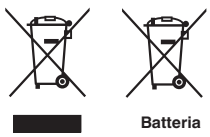
[Nur Europäische Union]

Diese Symbole zeigen an, dass derartig gekennzeichnete Geräte nicht als normaler Haushaltsabfall entsorgt werden dürfen. Wenden Sie sich zur Entsorgung des Produkts oder der Batterie an die hierfür vorgesehenen Sammelstellen oder Einrichtungen, damit eine fachgerechte Wiederverwertung möglich ist.

Hinweis: Das Zeichen Pb unterhalb des Batteriesymbols gibt an, dass diese Batterie Blei enthält.

ITALIANO

Informazioni per gli utenti sullo smaltimento delle apparecchiature e batterie obsolete



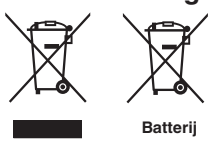
[Solo per l'Unione Europea]

Questi simboli indicano che le apparecchiature a cui sono relativi non devono essere smaltite tra i rifiuti domestici generici. Se si desidera smaltire questo prodotto o questa batteria, prendere in considerazione i sistem i o le strutture di raccolta appropriati per il riciclaggio corretto.

Nota: Il simbolo Pb sotto il simbolo delle batter ie indica che questa batteria contiene piombo.

NEDERLANDS

Informatie voor gebruikers over het verwijderen van oude apparatuur en batterijen



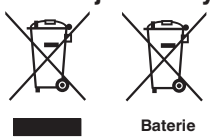
[Alleen Europese Unie]

Deze symbolen geven aan dat apparatuur met dit symbool niet mag worden weggegooid als algemeen huishoudelijk afval. Als u het product of de batterij wilt weggooien, kunt u inzamelsystemen of faciliteiten voor een geschikte recycling gebruiken.

Opmerking: Het teken Pb onder het batterijsymbool geeft aan dat deze batterij lood bevat.

POLSKI

Informacje dla użytkowników dotyczące utylizacji starego sprzętu i baterii



[Tylko dla Unii Europejskiej]

Symbole te wskazują, że sprzętu oznaczonego tymi symbolami nie należy wyrzucać wraz z odpadami domowymi. Jeśli chcesz zutylizować produkt lub baterię, rozważ systemy zbiórki lub urządzenia do odpowiedniego recyklingu.

UWAGA: Znak Pb pod symbolem baterii wskazuje, że ta bateria zawiera ołów.

CLASS 1 LASER PRODUCT
PRODUIT LASER DE CLASSE 1

LASER CAUTION LABEL
ÉTIQUETTE DE MISE EN GARDE POUR LE LASER

This product complies with EN60825-1:2014+A11:2021.
Ce produit est conforme à la norme EN60825-1:2014+A11:2021.

This product is designed to project images on a wall or screen.
Ce produit est conçu pour projeter des images sur un mur ou un écran.

WARNING / ATTENTION

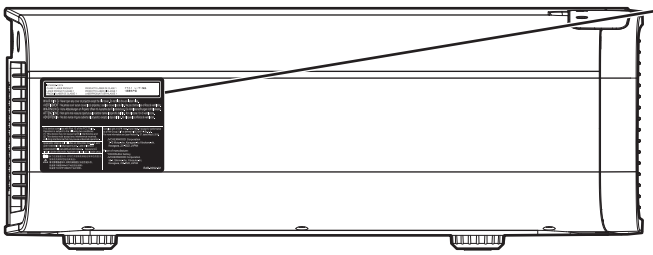
Do not look into the lens while in use.
Ne regardez pas dans l'objectif pendant son utilisation.

CAUTION / PRUDENCE

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

L'utilisation de commandes ou de réglages ou l'exécution de procédures autres que celles décrites ici pourrait provoquer une exposition à des radiations dangereuses.

Location information of the labels
Informations d'emplacement des étiquettes



LASER CAUTION LABEL
ÉTIQUETTE DE MISE EN GARDE POUR LE LASER

CAUTION/PRUDENCE

- Do not stare into the projector beam at any distance from the projector.
- Ne regardez pas dans le faisceau du projecteur à n'importe quelle distance du projecteur.

- Be careful to beam from lens when using the remote control for starting the projector while in front of the projection lens.
- Faites attention au faisceau de l'objectif lorsque vous utilisez la télécommande pour démarrer le projecteur lorsque vous faites face à l'objectif de projection.

- Do not use of optical aids such as binoculars or telescopes inside the beam.
- N'utilisez pas d'instruments optiques tels que des jumelles ou des télescopes à l'intérieur du faisceau.

Light source specifications
Spécifications de la source de lumière

77.5 W Laser diodes x 1, Wavelength 449 - 471 nm, Maximum output is 85.5 W
Diodes laser 77.5 W x 1, longueur d'onde 449 - 471 nm, sortie maximale 85.5 W

Beam divergence angle from lens of this unit
Angle de divergence du faisceau de l'objectif de cette unité

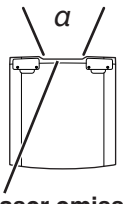
GL-MZ4014SZW Lens
α = 22°(*1) - 43°(*2)

GL-MZ4109SZW Lens
α = 42°(*1) - 56°(*2)

GL-MH4012SZW Lens
α = 28°(*1) - 43°(*2)

GL-MZ4008SZW Lens
α = 56°(*1) - 64°(*2)

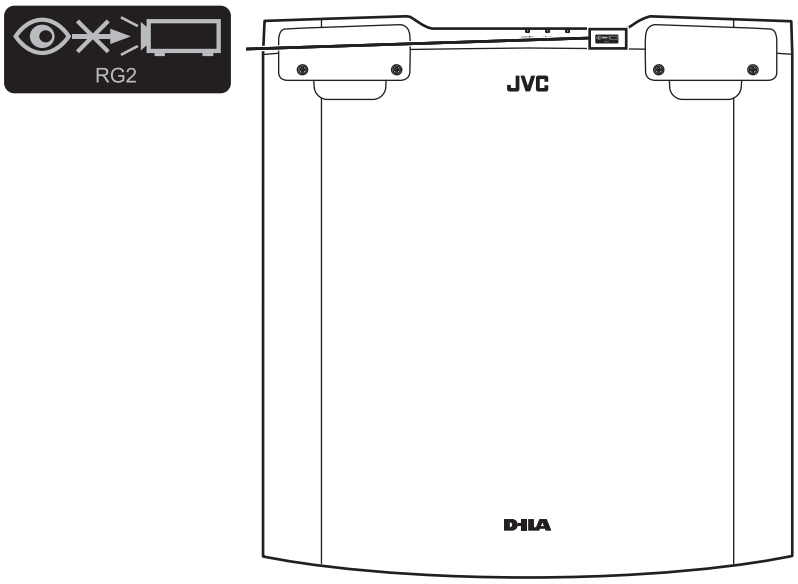
*1:Tele/Télé
*2:Wide/Large



Laser emission port
Port d'émission laser

IEC62471-5

Location information of the mark / Informations d’emplacement du repère



As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015
Tout comme pour n’importe quelle source lumineuse brillante, ne regardez pas fixement le faisceau, RG2 IEC 62471-5: 2015

For the customers In China

安全注意事项 SAFETY PRECAUTIONS

在中国销售时　电源线是另外销售的　适合这个设备的电源线是 10A/250V 规格的电源线
请不要使用附带的电源线

When used in China, the power cord is sold separately. A suitable power cord for this equipment is 10 A / 250 V rated. Please do not use bundled power cords.

警告：在居住环境中，运行此设备可能会造成无线电干扰。

《电子信息产品污染控制管理办法》规定的内容

关于环保使用期限

环保使用期限

- 此图标表示了中国《电子信息产品污染控制管理办法》规定的环保使用期限。只要用户在使用本产品时遵守注意事项中的各项规定，从制造日期开始到此图标标出的期限为止(环保使用期限)既不会污染环境也不会产生对人体有害的物质。
- 附件和消耗性零件的环保使用期限如下所示：（不同产品中包含的附件和消耗性零件也不相同。）
  遥控器、电缆类：10年

关于产品中的有毒、有害物质

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
线路板组件	X	○	○	X	○	○
机箱	X	○	○	X	○	○
光学系统	X	○	○	X	○	○
其他附件	X	○	○	X	○	○

部件名称	有毒有害物质或元素			
	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)	邻苯二甲酸丁基苄酯 (BBP)	邻苯二甲酸二(2-乙基)己酯 (DEHP)
线路板组件	○	○	○	○
机箱	○	○	○	○
光学系统	○	○	○	○
其他附件	○	○	○	○

注1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。
×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。
注2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。

Contents

Getting Started
- Safety Precautions 2
- Accessories 14
  - Check the Accessories 14
- Controls and Features 16
  - Main Unit - Front 16
  - Main Unit - Bottom 16
  - Main Unit - Rear 17
  - Main Unit - Input Terminals 17
  - Remote Control 18
  - Loading Batteries into the Remote Control 19
  - Effective Range of Remote Control Unit 19
  - Menu 20

Set up
- Installing the Projector 22
  - Precautions during Installation 22
  - Precautions during Mounting 23
  - Adjusting the Position 24
- Connecting the Projector 25
  - Connecting to the HDMI Input Terminal (Digital Input) 25
  - Connecting to the LAN Terminal 26
  - Connecting to the REMOTE Terminal 27
  - Connecting the Power Cord (Supplied Accessory) 27

Operate
- Viewing Videos 28

Adjust/Set
- Adjustments and Settings in the Menu 29
  - List of Menu Items 29
  - Picture Settings 33
  - HDMI Settings 40
  - Installation Settings 42
  - Information 54

Maintenance
- Maintaining the Cabinet and Remote Control 55
- Long-term Storage of the Projector 55
- Cleaning and Replacing the Filter 56
- About the Lens 57
  - Mounting the Lens 57

Troubleshooting
- Troubleshooting 64
- When the Following Messages Appear... 68

Others
- External Control 69
  - TCP/IP Connection 69
  - Command Format 70
  - Remote Control Code 71
  - Communications Example 72
- Specifications 73
  - UK Product Security and Telecommunications Infrastructure Act 2022 (United Kingdom only) .. 74
- Index 85

Symbols used in this manual

VS2600G indicates a function that is supported by DLA-VS2600G.

VS2600SG indicates a function that is supported by DLA-VS2600SG.

Items not marked with any of the above symbols are supported by all models.

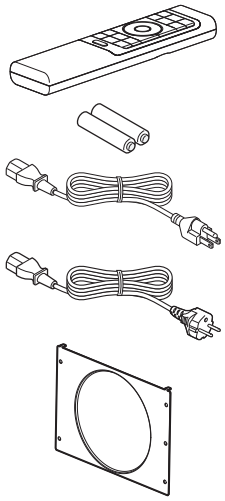
The illustrations of the projector unit used in this manual are those of DLA-VS2600G.
The appearance of the projector of other models may differ slightly.

Accessories

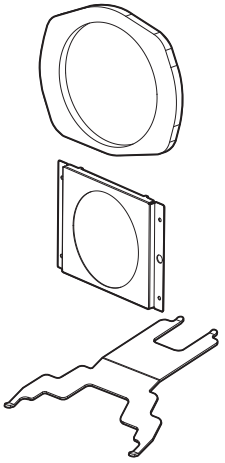
Check the Accessories

DLA-VS2600G, DLA-VS2600SG

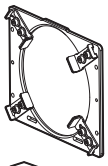
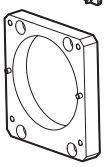
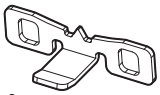
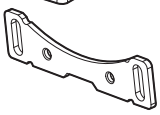
Remote control	1 piece
AAA-size batteries (for operational check)	2 pieces
Power cord (for USA) (approx. 2 m / 78.7 in)	1 piece
Power cord (for EU) (approx. 2 m / 78.7 in)	1 piece
Cover Plate	1 piece

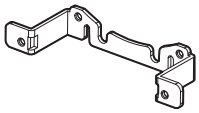
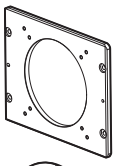
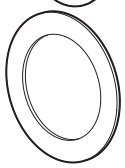


Sponge (for large lens)	1 piece
Front Cover (for large lens)	1 piece
Jig (for large lens)	1 piece



DLA-VS2600G

Screw (for Mount Base)	4 pieces	
Mount Base (for large lens)	1 piece	
Lens Spacer (for large lens)	1 piece	
Screw (for large lens)	4 pieces	
Lock Plate (for large lens)	1 piece	
Guide (for large lens)	1 piece	

Lock Bracket (for large lens)	1 piece	
Cable Clamp (for large lens)	1 piece	
Hex Head Bolt (for large lens)	6 pieces	
Mount Base (for small lens)	1 piece	
Plastic Sheet (for small lens)	1 piece	
Sponge Spacer (for small lens)	1 piece	

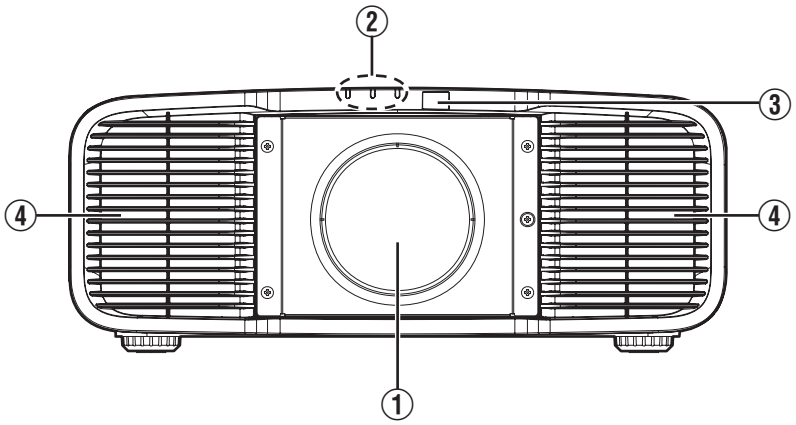
* Small lens: GL-MH4012SZW

* Large lens : GL-MZ4014SZW, GL-MZ4109SZW, GL-MZ4008SZW

- Safety precautions (this document) and other printed materials are also included.
- Be sure to read the “Safety Precautions” before using this projector.

Controls and Features

Main Unit - Front



① Lens

VS2600SG This is a projection lens. Do not look through the lens while an image is projected.
VS2600G Lenses sold separately. Zoom lens or short focal length lens is optional.

② Indicator

Refer to “Indicator Display on the Main Unit”P. 82.

③ Remote Sensor (front)

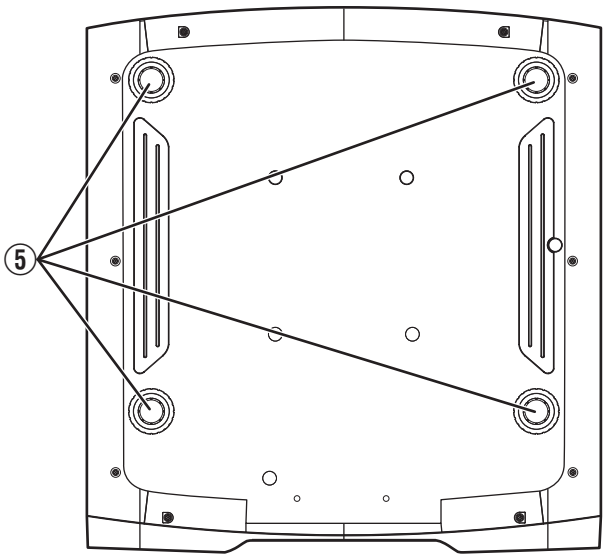
Please aim the remote control at this area when using it.

* There is also a remote sensor at the rear.

④ Air Inlets

The inlets take in air to cool down the internal temperature.
Do not block the inlet. Do not blow hot air on the inlet. Doing so may cause the unit to malfunction.

Main Unit - Bottom

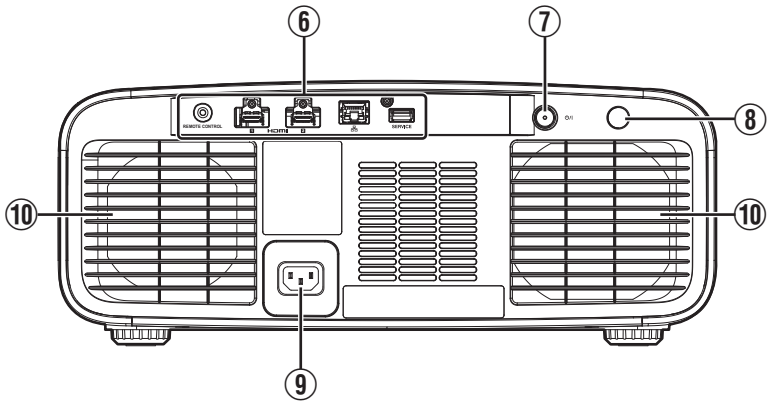


⑤ Feet

The height and angle of the projector can be adjusted by turning the foot. (0 to 10 mm (0 to 0.4 in)) (P. 24)

When the foot is removed, it can be used as the mounting hole for the ceiling mount bracket.

Main Unit - Rear



⑥ Input terminals

For more details, please refer to the “Main Unit -Input Terminals”P. 17 in the diagram below.

⑦ ⏻/| Power Button

Turns “on”/“off” the power. (P. 28)

⑧ Remote Sensor (rear)

Please aim the remote control at this area when using it.

* There is also a remote sensor at the front.

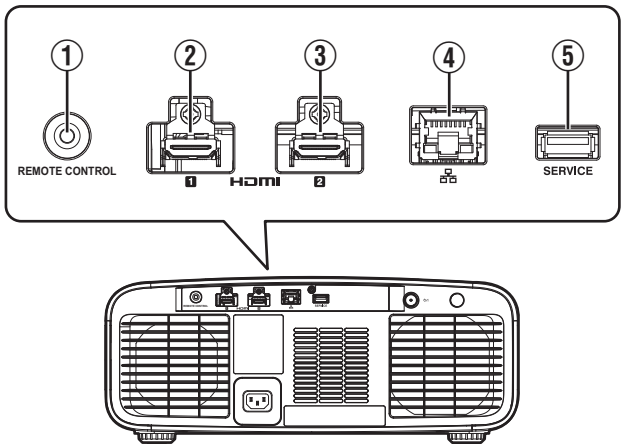
⑨ Power input terminal

Connect the supplied power cord to this terminal.

⑩ Exhaust vent

Warm air is discharged to cool down the internal temperature.
Do not block the vents.

Main Unit - Input Terminals



① [REMOTE CONTROL]terminal (stereo mini jack)

This terminal is used to connect the remote control directly to the projector with the cable.

② [HDMI 1] input terminal

③ [HDMI 2] input terminal

For connecting to devices that support HDMI output. (P. 25)

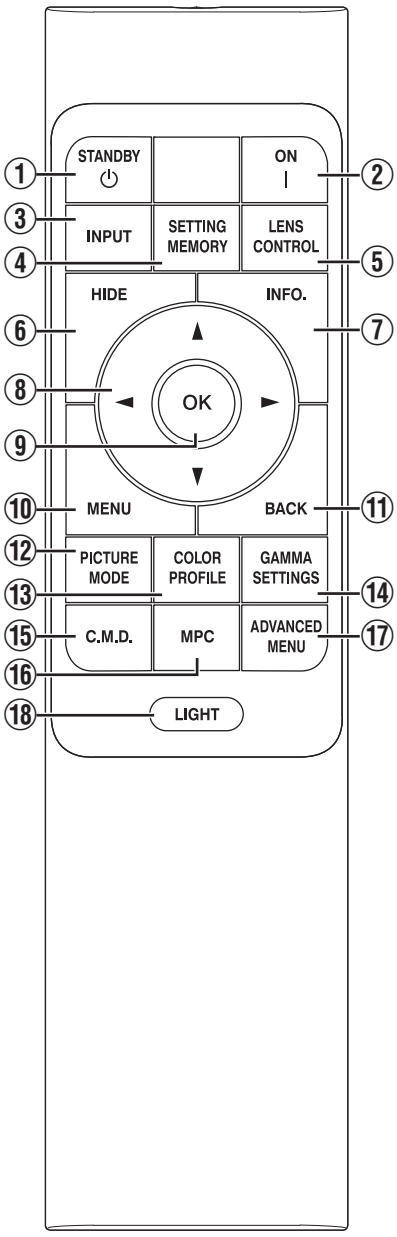
④ [LAN] terminal (RJ-45)

The projector can be controlled by connecting it to a PC through the computer network for control commands to be sent to the projector.

⑤ [SERVICE] terminal

For updating the software using a commercially available USB flash drive.

Remote Control



① ⏻ [STANDBY]

Turns off the power. (P. 28)

② I [ON]

Turns on the power. (P. 28)

③ [INPUT]

Switches the input.

- Pressing the button each time switches the setting in the following sequence: “HDMI 1” → “HDMI 2” → “Dual”... (P. 28)

④ [SETTING MEMORY]

Not usable on this unit.

⑤ [LENS CONTROL]

For adjusting focus, zoom, and shift. (P. 42)

- Pressing the button each time switches the setting in the following sequence: “Focus” → “Zoom” → “Shift”...

⑥ [HIDE]

Hides the image temporarily. (P. 28)

⑦ [INFO.]

Displays the information menu. (P. 54)

⑧ [▲▼◀ ▶] keys

For selecting an item.

⑨ [OK]

Confirms a selected item.

⑩ [MENU]

Displays the menu, or hides the menu if it is displayed.

⑪ [BACK]

Returns to the previous menu.

⑫ [PICTURE MODE]

Displays the picture mode selection menu. (P. 33)

⑬ [COLOR PROFILE]

Not usable on this unit.

⑭ [GAMMA SETTINGS]

Displays the gamma setting menu. (P. 39)

⑮ [C.M.D.]

Displays the C.M.D. selection menu. (P. 34)

⑯ [MPC]

Not usable on this unit.

⑰ [ADVANCED MENU]

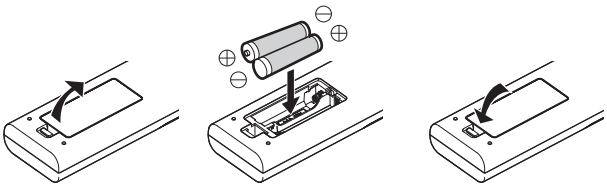
Press and hold to register the currently displayed menu. If the button is pressed when a menu is registered, the registered menu will be displayed. (P. 20)

⑱ [LIGHT]

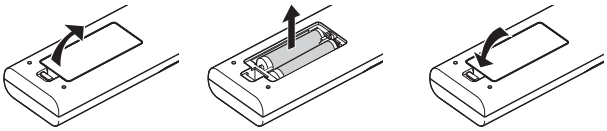
Illuminates the buttons on the remote control.

Loading Batteries into the Remote Control

Loading the batteries



Removing the batteries



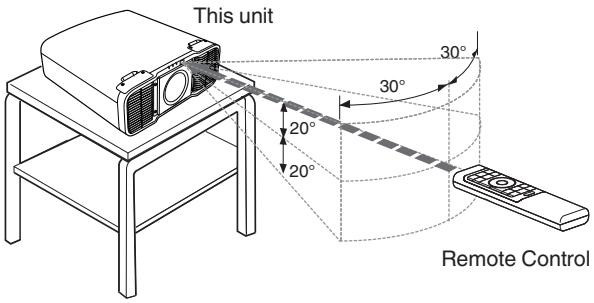
- If the remote control has to be brought closer to the unit to operate, it means that the batteries are wearing out. Replace the batteries with new ones (AAA).
- Insert the batteries according to the ⊕ ⊖ marks.
  Be sure to insert the ⊖ end first.
  When removing the battery, do so from the ⊕ end.
- If an error occurs while using the remote control, remove the batteries and wait for five minutes. Load the batteries again and operate the remote control.

CAUTION

- Do not put the remote control in a place with an exposure to direct sun light or high temperature. It may deformed due to heat, or the internal components may be adversely affected resulting in fire hazard.
- Remove the batteries from the remote control when storing the remote control. Storing the remote control for a prolonged period without removing the batteries can cause battery leakage.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- If you want to dispose of the battery, please consider the collection systems or facilities for appropriate recycling.

Effective Range of Remote Control Unit

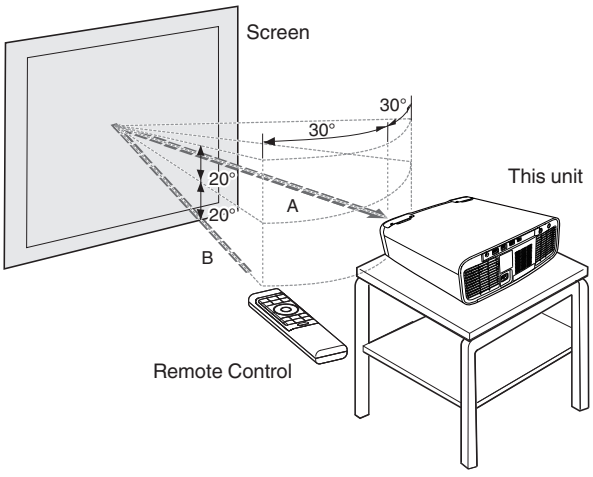
When aiming the remote control toward the sensor on this unit (front or rear), ensure that the distance to the sensor is within 7 m (23 ft).
If the remote control fails to work properly, move closer to this unit.



Control through reflection off a screen, etc.

Ensure that the total of distance A (between this unit and the screen) and distance B (between the remote control and the screen) is within 7 m (23 ft).

* As the efficiency of signals reflected from the remote control unit varies with the type of screen used, the operable distance may decrease.



Menu

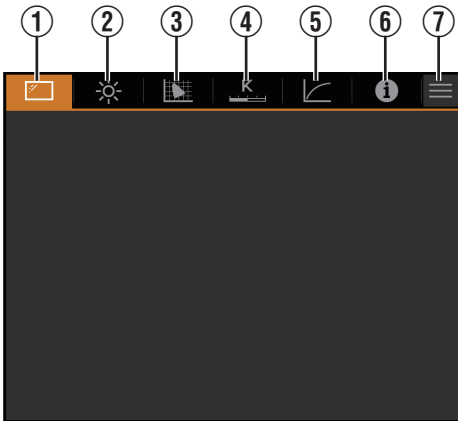
Pressing the [MENU] button on the remote control displays the menu.

There are three types of settings in the menu (“Picture Settings”, “HDMI Settings” and “Installation Settings”). Use “Setting Menu Select” at the top right corner of the screen to switch the menu.

MEMO

- You can press and hold the [ADVANCED MENU] button on the remote control while a menu is being displayed to register the menu to the [ADVANCED MENU] button. Pressing the [ADVANCED MENU] button when a menu is registered will display the registered menu.

Picture Settings Menu



① Mode Settings

② Picture Adjust

③ Color Profile

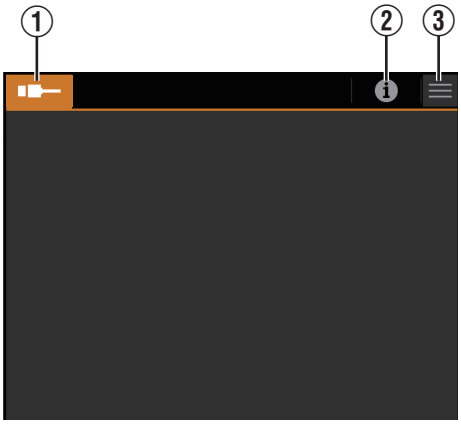
④ Color Temp.

⑤ Gamma

⑥ Information

⑦ Setting Menu Select

HDMI Settings Menu

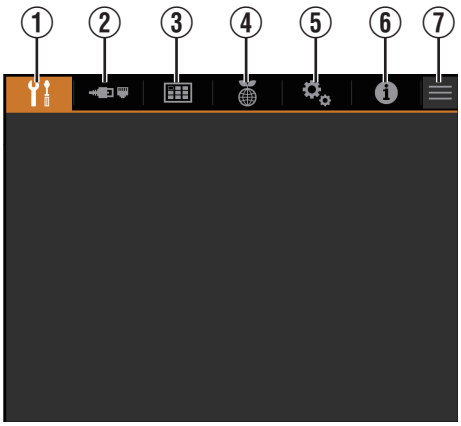


① HDMI Settings

② Information

③ Setting Menu Select

Installation Settings Menu



① Installation Settings

② Network Settings

③ Display Settings

④ ECO Settings

⑤ System Settings

⑥ Information

⑦ Setting Menu Select

Installing the Projector

Precautions during Installation

Please read the following carefully before installing this unit.

When carrying this unit

Take care not to drop this unit while carrying it. Otherwise, it may cause injuries, or damage this unit.

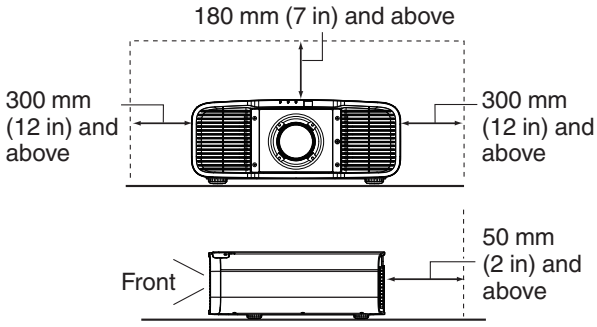
Do not install at the following

This unit is a precision device. Please refrain from installing or using it at the following locations. Otherwise, it may cause fire or malfunction.

- Dusty, wet and humid places
- Places subject to oily smoke or cigarette smoke
  - * Even a small quantity of smoke or oiliness can have a long-term impact on this unit.
- On top of a carpet or bedding, or other soft surfaces
- Places exposed to direct sunlight
- Places with a high or low temperature
- Places exposed to direct wind from air conditioners, etc.
  - * This unit produces a great amount of heat, and is designed to take in cool air to cool its optical components. Using the unit at the above locations may cause dirt to attach to the light path, thereby resulting in dark images or dull colors.
  - * Dirt that sticks to the optical components cannot be removed.

Maintain clearance from the wall, etc.

As the unit discharges a large amount of heat, install it with adequate clearance from the surroundings as shown below.



Leave the front area of the unit (air inlets) unblocked. If there is any obstructing object in the front area of this unit, interior temperature of this unit will get high, affecting the picture quality and performance of this unit, and causing malfunction.

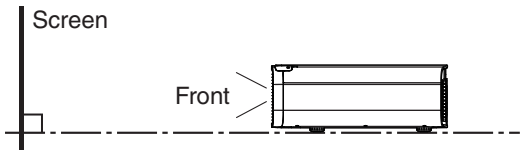
Using the unit

There is no particular limitation on the positioning of the projector during installation.

You can install at your preferred angle.

Installing the screen

Install the unit and the screen such that they are perpendicular to each other.



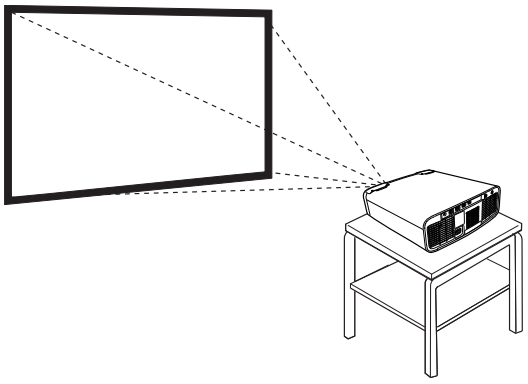
- Please choose a screen material with non-uniform patterns. Uniform patterns such as checks may cause interference patterns to occur.
- In this case, you can change the size of the screen to make the interference patterns less noticeable.

Using the projector at a high altitude

When using this unit at a location that is higher than 900 m (3,000 ft) above sea level (low air pressure), set the “High Altitude Mode” to “On”. (P. 53)

Precautions during Mounting

Securing (mounting) the projector



- When this unit is to be mounted to a fixed position for use, install it horizontally.
- Make sure to secure the main unit to prevent accidents such as during an earthquake.

Securing the projector (directly mount)

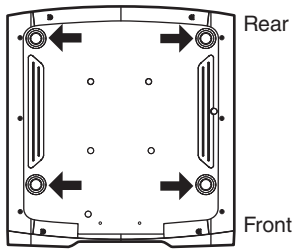
When attaching directly to motion or non-motion equipment, remove the four feet on the bottom and use the screw holes shown in the diagram below according to the equipment.

CAUTION

Use ONLY the fixing screws specified for mounting the projector. Using any screws other than those specified can cause damage and malfunction to the projector. NEVER insert the four outer feet into the inner screw holes, as the length of the screws are to long and will cause damage to the unit. If the mounting instructions are not followed, issues or failure can occur.

Non-Motion Applications

Four screw holes are available for attaching the feet

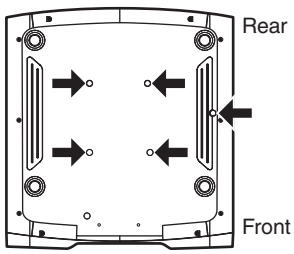


Screw Specifications

- M5 (screw pitch 0.8)
- The screw length into the body of the projector must not exceed 20 to 25mm.
- The length of the screw will be determined by the depth of the projector mounting plate.
  Example - If the plate is 5mm thick a screw between 25 to 30mm must be used.
- Use screws with spring washers.
- Tightening torque
  When this unit is suspended from a ceiling: 1.5 to 2.0N·m
  Other than the above: 1.5 to 5.0N·m

Motion Applications

Be sure to use all five screw holes, including the four inner ones and the one in the middle



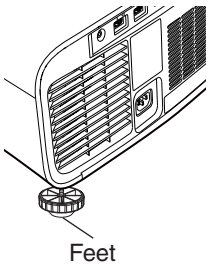
Screw Specifications

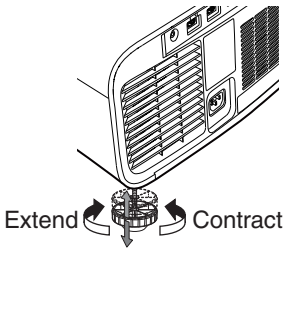
- M5 (screw pitch 0.8)
- The screw length into the body of the projector must not exceed 20 to 25mm.
- The length of the screw will be determined by the depth of the projector mounting plate.
  Example - If the plate is 5mm thick a screw between 25 to 30mm must be used.
- Use screws with spring washers.
- Tightening torque: 1.5 to 5.0N·m

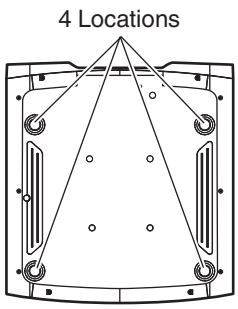
Adjusting the Position

Adjusting the elevation angle of the projector

The height and inclination of the unit (0 to 10 mm) can be adjusted by turning the feet.
Lift the unit and adjust the four feet.





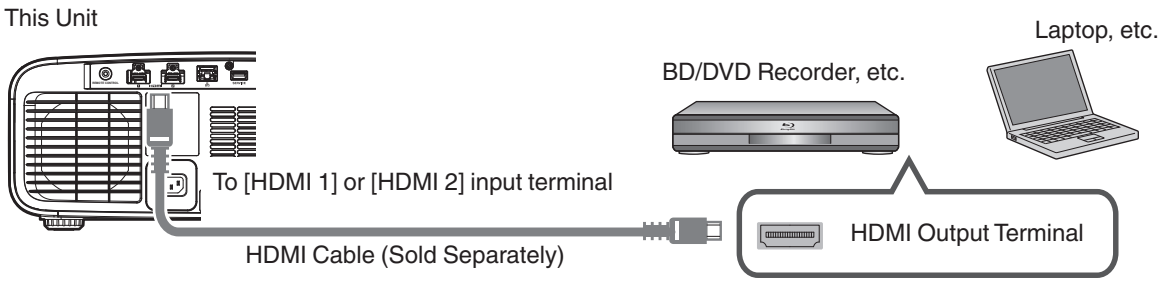


Connecting the Projector

- Do not turn on the power until connection is complete.
- Before connecting the cables, turn off the power of each device. Making connection with each device being turned on may cause this unit to malfunction.
- Before connecting the cables, remove any static electricity from your body by touching the wall with the palm of your hand.
- The connection procedures differ according to the device used. For details, please refer to the instruction manual of the device to be connected.
- This projector is used for projecting images. To output the audio of connected devices, please connect a separate audio output device, such as an amplifier or speaker.
- Projector has no audio pass through or eARC output.
- The images may not be displayed depending on the devices and cables to be connected. When using an HDMI cable (sold separately), make use of one with the Ultra High Speed HDMI Cable certification (supports 48 Gbps).
- Some cables cannot be connected to this unit due to the size of their connector cover.
- Configuration of a network password is necessary before connecting to the LAN terminal. For details, refer to “Network Password”P. 50.

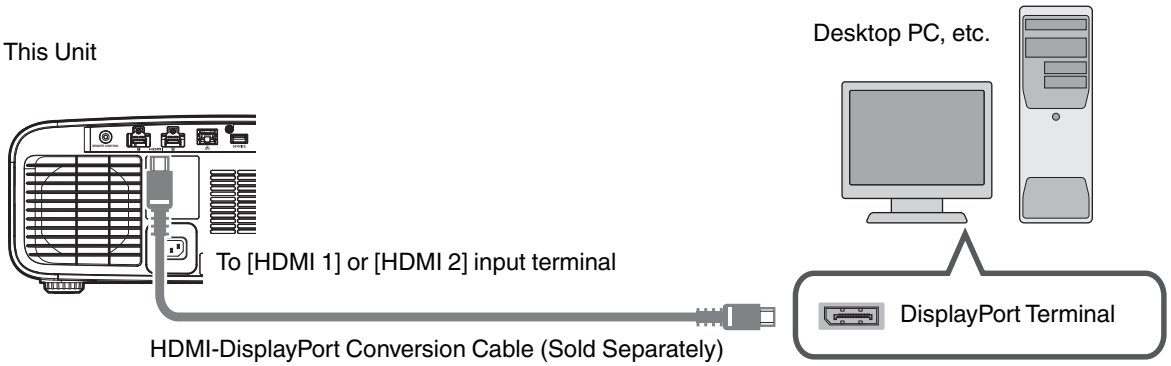
Connecting to the HDMI Input Terminal (Digital Input)

Connecting via HDMI cable



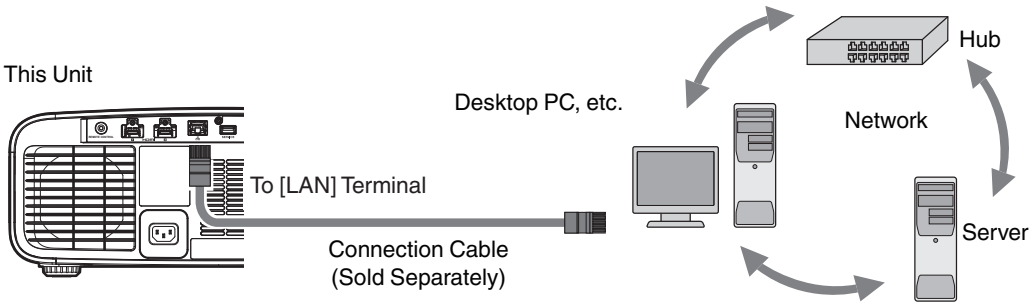
- For single-channel input signals, connect to either [HDMI 1] or [HDMI 2] input terminals.
- For two-channel input signals, connect to the [HDMI 1] and [HDMI 2] input terminals.
  → “Types of Possible Input Signals” (P. 79)
- If noise occurs, move the laptop away from this unit.

Connecting via HDMI-DisplayPort conversion cable



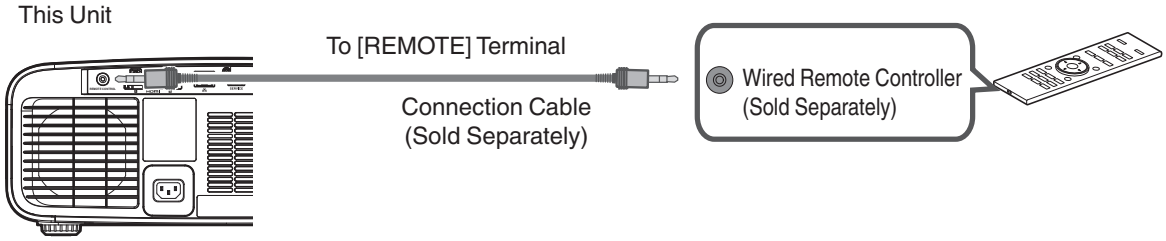
- For single-channel input signals, connect to either [HDMI 1] or [HDMI 2] input terminals.
- For two-channel input signals, connect to the [HDMI 1] and [HDMI 2] input terminals.
  → “Types of Possible Input Signals” (P. 79)
- If noise occurs, move the laptop away from this unit.
- If the video is not displayed, try to reduce the length of the cable or lower the resolution of the video transmitting equipment.

Connecting to the LAN Terminal



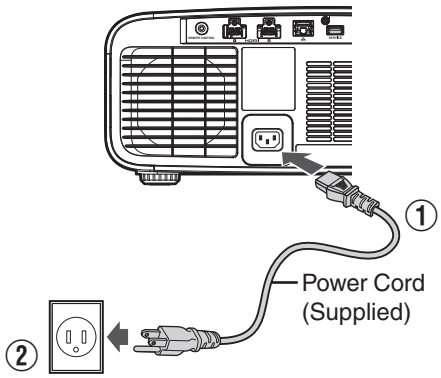
- The network is used to control this unit. It is not used for sending or receiving video signals.
- Please contact your network administrator for information concerning the network connection.
- Configuration of a network password is necessary before connecting to the LAN terminal. (P. 50)
- For more information on control, please refer to “External Control”P. 69.

Connecting to the REMOTE Terminal



- For more details on the wired remote controller and connection cable, please consult your dealer.

Connecting the Power Cord (Supplied Accessory)



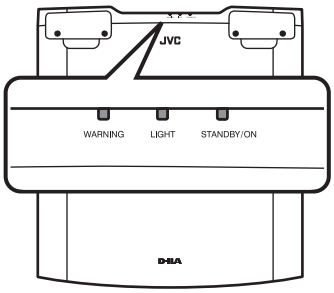
① Connect the power cord supplied to the power input terminal on the main unit

② Insert the supplied power plug into the wall outlet.

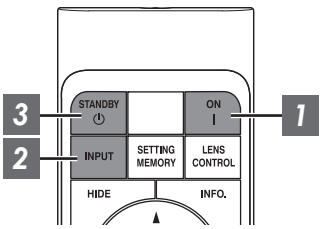
Precautions to prevent fire and electric shock

- When you are not using the projector, please unplug the power cord from the outlet.
- Connect it using only the power cord supplied.
- Do not use a voltage other than the indicated power voltage.
- Do not damage, break or modify the power cord. Do not place a heavy object on the power cord, or heat or pull it. Doing so may damage the power cord.
- Do not unplug the power cord with wet hands.

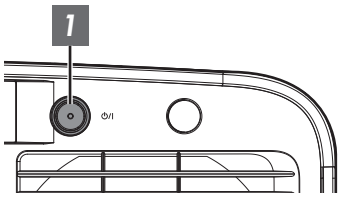
Viewing Videos



Remote Control



This unit



MEMO

- Connect the power cord, and ensure that the “STANDBY/ON” indicator lights up in red.

1 Turn on the power

Remote control: press the I [ON] button

Projector unit: press the ⏻/I button

“STANDBY/ON” lights up (red)
In standby state

“STANDBY/ON” lights up (green)
When light source is starting up

2 Choose the image to project

Remote control: press the [INPUT] button to switch the input

- Pressing the button each time switches the setting in the following sequence: “HDMI 1” → “HDMI 2” → “Dual” ...
- Play back the selected device to project the image.* Refer to “Types of Possible Input Signals”P. 79

To hide the image temporarily

Press the [HIDE] button on the remote control

- The “STANDBY/ON” indicator light starts to blink in green.
- When “LED Indication” is set to “Off”, the indicator does not blink.
- Press the [HIDE] button again to resume display of the image.
- The power cannot be turned off when the image is temporarily hidden.

3 Turn off the power

Remote control: press the ⏻ [STANDBY] button

Projector unit: press the ⏻/I button

- While the “Are you sure you want to turn off?” message is displayed, press the button again.
- The light of the LD block goes off, and the “STANDBY/ON” indicator switches from a green light to a red blinking light.
- After the light goes off, the fan will run for approximately 10 seconds to cool down the LD block (Cool-down mode). Do not disconnect the power cable while cooling is in progress.
- Depending on the settings of the projector unit, cooling time may be about 30 seconds longer due to internal processing.
- After cooling is complete, the “STANDBY/ON” indicator switches from a blinking red to a solid red light.

“STANDBY/ON” blinking (red)
In the Cool-down mode

“STANDBY/ON” lights up (red)
In standby state

CAUTION

- The power cannot be turned on again while cooling is in progress.
- Pull out the power plug when the unit is not to be used for a prolonged period of time.
- If the indication of indicator differs from the description, refer to “Indicator Display on the Main Unit”P. 82 for details.

Adjustments and Settings in the Menu

Pressing the [MENU] button displays the menu.
Press the [▲▼◀▶] keys to select an item, followed by pressing the [OK] button to confirm the selection.

List of Menu Items

Picture Settings

Mode Settings	P. 33
Picture Mode	P. 35
Color Temp.	P. 33
Gamma	P. 34
Blur Reduction	P. 34
Clear Motion Drive	P. 34
Motion Enhance	P. 34
Reset	-
Picture Adjust	P. 35
Picture Mode	P. 35
Sharpness	P. 35
Auto Intensity	P. 35
LD Current	P. 35
Aperture	P. 35
Contrast	P. 35
Brightness	P. 35
Color	P. 35
Tint	P. 35
User Name Edit	P. 36
Color Profile	P. 37
Color Profile	P. 37
Color Management	P. 37
Color Selection	P. 37
Hue	P. 37
Saturation	P. 37
Brightness	P. 37
Reset	-

Color Temp.	P. 38
Color Temp.	P. 33
Correction Value	P. 38
Gain Red	P. 38
Gain Green	P. 38
Gain Blue	P. 38
Offset Red	P. 38
Offset Green	P. 38
Offset Blue	P. 38
Reset	-
Gamma	P. 39
Gamma	P. 34
Correction Value	P. 39
Color Selection	P. 39
Picture Tone	P. 39
Dark Level	P. 39
Bright Level	P. 39
Reset	-
Information	P. 54

HDMI Settings

HDMI Settings	P. 40
Input Level	P. 40
Color Space	P. 40
Channel Hide	P. 40
HDMI EDID Setting	P. 40
Single 2K Input Mode	P. 41
Dual 2K Input Mode	P. 41

Installation Settings

Installation Settings P. 42

- Lens Control P. 42
  - Focus P. 42
  - Zoom P. 42
  - Shift P. 42
  - Image Pattern P. 42
  - Lock P. 43
  - Option Lens Setting P. 43
- Pixel Adjust P. 44
  - Adjust P. 44
  - Adjust Area P. 44
  - Adjust Color P. 44
  - Adjust Pattern P. 44
  - Adjust Pattern Color P. 44
  - Adjust (Pixel) P. 44
  - Adjust (Fine) P. 44
  - Reset P. 44
- Mask P. 48
  - Mask P. 48
  - Top P. 48
  - Bottom P. 48
  - Left P. 48
  - Right P. 48
- Installation Style P. 48
- LED Indication P. 48
- Auto Geometry Stabilizer P. 48
  - Mode P. 48
  - Adjust Pattern P. 49
  - Adjust P. 49
  - Point 1 to 4 P. 49
  - Reset P. 49

Network Settings	P. 50
Display Settings	P. 51
Back Color	P. 51
Menu Position	P. 51
Signal Display	P. 51
Logo	P. 51
ECO Settings	P. 52
Off Timer	P. 52
Hide Mode	P. 52
System Settings	P. 53
Remote Code	P. 53
High Altitude Mode	P. 53
Software Update	P. 53

Picture Settings

Mode Settings

Picture Mode

You can adjust the image quality according to the type of video image you are viewing.

Setting	Description
Natural	Image quality that focuses on natural color and gradation reproduction. Suitable for displaying video images in general.
Dynamic	This is the picture setting best suited for viewing the picture in a room that cannot be made completely dark.
User 1 to User 6	Enables user-defined image quality data to be saved and retrieved.

You can also perform the setting by pressing the [PICTURE MODE] button to display the menu.

You can further configure the detailed settings in the “Picture Adjust” tab. “ Picture Adjust”P. 35

Color Temp.

Configures “Color Temp.” according to the preconfigured “Picture Adjust”.

- The “Color Temp.” settings available for configuration vary according to “Picture Mode”.

“Color Temp.”

Color Temp.	Description
6500K	Increasing the value enhances the blue tone of the video image, while decreasing the value enhances the red tone.
7500K	
High Bright	Color temperature that gives priority to brightness.
Custom 1 to Custom 2	The color temperature of video images can be adjusted manually and saved as one of the three customized settings.

List of selectable “Color Temp.” according to “Picture Mode”

Picture Mode	Color Temp.
Natural User 1 to User 6	6500K
	7500K
	High Bright
	Custom 1 to Custom 2
Dynamic	High Bright

You can further configure the detailed settings in the “Color Temp.” tab. “ Color Temp.”P. 38

Gamma

You can adjust the output value of the projected image with respect to the video signal input.

[Gamma]

Gamma	Description
2.2	The gamma is set to [2.2]
Custom 1 to Custom 3	Enables fine adjustment of gaa according to preference.

You can further configure the detailed settings in the “Gamma” tab. “ Gamma”P. 39

Blur Reduction

For reducing the after-image, which occurs in a fast-moving scene.

Clear Motion Drive

For reducing the after-image, which occurs in a fast-moving scene.

You can also preform the setting by pressing the C.M.D. button to display the menu.

- C.M.D. is the abbreviation for Clear Motion Drive.

Setting	Description
Off	Turns Off the blur reduction features.
Mode1	Applies black insertion to reduce blurriness in the video images slightly.
Mode2	Applies black insertion to reduce blurriness in the video images moderately. The video images are slightly darkened in this mode.
Mode3	Applies black insertion to minimize blurriness in the video images. The screen may flicker in this mode.

Motion Enhance

You can reduce motion blur with this function enhancing the response of D-ILA image devices.
If the image outline is unnatural, set this item to “Off”.

Setting	Description
Off	Does not perform correction.
On	Reduces image blurring.
Gain	When Motion Enhance is set to “On”, the overall intensity is adjusted using Gain, while adjustment of each color is performed using Red/Green/Blue.
Red	
Green	
Blue	

Picture Adjust

You can further configure the detailed settings for “Picture Mode”.

Picture Mode

You can adjust the image quality according to the type of video image you are viewing.

Sharpness

The sharpness of the image can be adjusted.

- Setting: 0 (low sharpness) to 50 (high sharpness)

Auto Intensity

Controls the LD current value to maintain the projector brightness at a constant level.

Setting	Description
Off	Light intensity is manually set.
On	Light intensity will be constant.

* If the “On” setting is changed, the light intensity does not remain constant even when “Aperture” is set.

LD Current

Controls the brightness of the light source by controlling the LD current.

- Setting range: 38 to 118.5

Aperture

For changing the brightness through controlling the aperture.

- Setting range: -5 (stops down) to 0 (opens up)

Contrast

For adjusting the white level point to avoid clipping or over saturation.

- Setting range: -50 (little difference in brightness) to +50 (large difference in brightness)

Brightness

For adjusting the black level point to avoid clipping or over saturation.

- Setting range: -50 (darker) to +50 (brighter)

Color

For adjusting the color saturation of the video image.

- Setting range: -50 (lighter) to +50 (deeper)

Tint

For adjusting the hue of the video image.

- Setting range: -50 (reddish) to +50 (greenish)

User Name Edit

You can edit the “User 1” to “User 6” names in the Picture mode.

- Characters that are usable include alphabets (upper or lower case), numeric characters, symbols and blank (space) character. (However, blank (space) cannot be used for the first and last characters.)
- Enter not more than 10 characters.

Selection Cursor

Input Cursor

After entry is complete, select “OK” and press the [OK] button

Color Profile

You can further configure the detailed settings for “Color Profile”.

Color Profile

Displays the current “Color Profile”.

Color Management

Based on the setting of the selected “Color Profile”, you can adjust each of the following colors according to your preference: Red, Magenta, Cyan, Yellow, Green, and Blue.

Setting	Description
On	Enables fine adjustment.
Off	Disables fine adjustment.

Color Selection

For selecting the color to be adjusted (“Red”, “Magenta”, “Cyan”, “Yellow”, “Green”, “Blue”).

Hue

Adjusts the hue (color tone).

- Setting range: -30 to +30

Saturation

Adjusts the color saturation (vividness).

- Setting range: -30 (dull) to +30 (vivid)

Brightness

Adjusts the brightness.

- Setting range: -30 (dark) to +30 (bright)

Toggling between the States before and during Adjustment

Pressing the [HIDE] button on the remote control enables you to toggle between the states before adjustment and during adjustment.

Color Temp.

You can further configure the detailed settings for “Color Temp.”.

Color Temp.

Configures “Picture Adjust” according to the preconfigured “Color Temp.”.

➡ “Color Temp.” (P. 33)

Correction Value

Configures the color temperature based on which “Gain Red” / “Gain Green” / “Gain Blue” / “Offset Red” / “Offset Green” / “Offset Blue” are adjusted when “Color Temp.” is configured to “Custom 1”“Custom 2”.

- If the color profile is imported using the calibration software, select “Default.”
- The “Picture Mode” settings available for configuration vary according to “Correction Value”.

Gain Red / Gain Green / Gain Blue

Adjusts each color in the bright parts of the video image.

- Setting range: -255 (reduces the red/green/blue tone) to 0 (no adjustment)

Offset Red / Offset Green / Offset Blue

Adjusts each color in the dark areas of the video image.

- Setting range: -50 (reduces the red/green/blue tone) to 0 (no adjustment) to +50 (enhances the red/green/blue tone)

List of Selectable “Correction Value” According to “Picture Mode”

Picture Mode	Correction Value
Natural User 1 to User 6	6500K
	7500K
	High Bright
	Default
Dynamic	Not selectable

Gamma

You can further configure the detailed settings for “Gamma”.

Gamma

This item adjusts “Picture Mode” according to the preconfigured “Gamma” (output value of the projected video with respect to the video signal input).

Correction Value

For setting the base gamma for the adjustment of Gamma, “Custom 1” and “Custom 3” when one of the “Picture Tone” to “Dark Level” settings is selected in “Bright Level”.

- Setting: 1.8 / 1.9 / 2.0 / 2.1 / 2.2 / 2.3 / 2.4 / 2.5 / 2.6 / Import / Default
- If the color profile is imported using the calibration software, select “Default”.

Color Selection

For selecting the color to be adjusted (“White”, “Red”, “Green”, “Blue”) for “Picture Tone”, “Dark Level” and “Bright Level”.

Picture Tone

Adjusts the overall brightness automatically for a well-balanced result without compromising the gradation of the image.

- Setting range: -16 (darkens image for an underexposed effect) to +16 (brightens image for an overexposed effect)

Dark Level

You can adjust the image quality to produce a sharp contrast in the brightness.

- Setting range: -7 (darkens the shadows) to +7 (brightens the shadows)

Bright Level

You can adjust the image quality to produce a sharp contrast in the brightness.

- Setting range: -7 (darkens the highlights) to +7 (brightens the highlights)

When “Correction Value” is set to “Import”

- By selecting “Import” for “Correction Value”, the gamma data created externally can be selected as the base setting value for adjustment.
- The factory setting for “Import” is “2.2”.
- You can use the calibration software to customize the gamma data adjustment, and import the created gamma data.

For details, contact your authorized dealer.

HDMI Settings

HDMI Settings

Input Level

For setting the dynamic range (gradation) of the video input.
If the image is not displayed properly even after selecting “Auto”, select an appropriate setting.

- If the dynamic range is not appropriate, the bright areas become overexposed, and the dark areas become underexposed.

Setting	Description
Auto	Sets the input signal level automatically.
16-235 (Video)	Select this setting if you are inputting video signals (dynamic range: 16 - 235).
0-255 (PC)	Select this setting if you are inputting PC signals (dynamic range: 0 - 255).

Color Space

For setting the color space of the input signal.
If the image is not displayed properly even after selecting “Auto”, select an appropriate setting.

Setting	Description
Auto	Detects “YCbCr444”, “YCbCr422”, “YCbCr420”, and “RGB” automatically.
YCbCr444	Select this setting when inputting YCbCr (4:4:4) video signals.
YCbCr422	Select this setting when inputting YCbCr (4:2:2) video signals.
RGB	Select this setting when inputting RGB video signals.

Channel Hide

A function for configuring whether to display video images for each HDMI input terminal.

Setting		Description
HDMI 1 HDMI 2	Off	Displays video images with the Hide function disabled.
	On	Enables the Hide function and does not display video images.

HDMI EDID Setting

For changing the EDID mode of the “HDMI 1/HDMI 2” terminal.

Setting	Description
4K 4096	Sets the preferred format to “4096x2160p 60Hz”.
4K 3840	Sets the preferred format to “3840x2160p 60Hz”.
2K	Sets the maximum format to “1920x1080p 60Hz”.

Single 2K Input Mode

For selecting the scaling operation method when inputting 1080p 60/50 signal in Single mode.

When inputting a 1080p 60/50 signal to HDMI1 or HDMI2 in Single mode, the image will be processed or output according to the following settings.

Setting	Description
Off	Displays a single 2K image at double size.
On	Creates a supplementary image from a single 2K image, and displays the original image and the supplementary image alternately.

Dual 2K Input Mode

For selecting the scaling operation method when inputting 1080p 60/50 signal in Dual mode.

When inputting a 1080p 60/50 signal in Dual mode, the image will be processed or output according to the following settings.

Setting	Description
Off	Displays two 2K images at double size alternately.
On	Displays two 2K images at double size alternately while shifting one image one pixel horizontally and vertically.

Installation Settings

Lens Control

Focus / Zoom / Shift

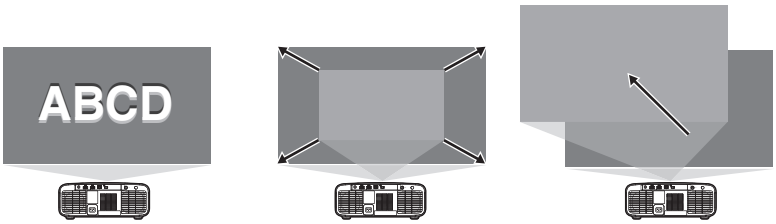
For adjusting the lens according to the projection position

MEMO

To use the Shift function, a motorized lens shift unit is required. For details on installing the motorized lens shift unit (sold separately), refer to the instruction manual of the motorized lens shift unit.
Motorized lens shift unit (Product No.: PK-MLS02W)

1 Press the [LENS CONTROL] button, and use the [▲▼◀ ▶] keys to adjust Focus, Zoom (screen size), and Shift (screen position)

- Pressing the [LENS CONTROL] or [OK] button each time switches the mode in the following sequence: “Focus” → “Zoom” → “Shift” → “Focus”...
- Operation of the lens control feature is disabled when the lens lock is set to “On”. (P. 43)



Focus Adjustment | Zoom (Screen Size) Adjustment | Shift (Screen Position) Adjustment

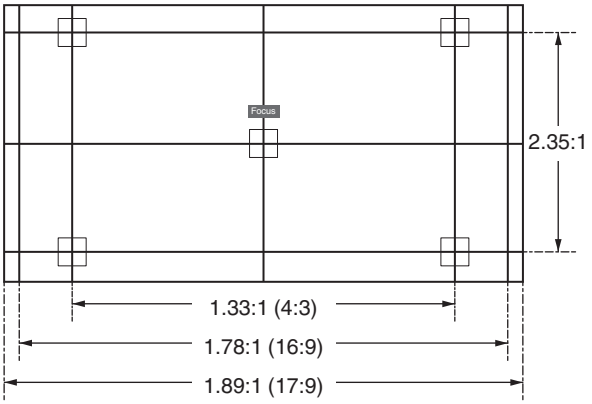
2 Press the [MENU] or [BACK] button to end adjustment

Image Pattern

For setting whether to display the lens adjustment pattern.

Setting	Description
Off	Displays external signals, and does not display the lens adjustment pattern.
On	Displays the lens adjustment pattern.

Adjustment Pattern Displayed on the Adjustment Screen



Adjust the display according to the viewing angle of the respective aspect ratios for the adjustment patterns.

* This is not displayed when “Image Pattern” is configured to “Off”.

Lock

For setting whether to lock or unlock the lens.
Setting to “On” to lock the lens allows you to preserve the adjustment status of the lens.

Setting	Description
Off	Does not lock the lens.
On	Locks the lens to prevent any erroneous operation on the adjustments.

Option Lens Setting

For setting the optional lens type.

- The lens mounted on **VS2600SG** DLA-VS2600SG is GL-MZ4109SZW.
- For details, contact your authorized dealer.

Setting	Description
Type 1	The lens setting for GL-MZ4008SZW.
Type 2	The lens setting for GL-MZ4109SZW.
Type 3	The lens setting for GL-MZ4014SZW.
Type 4	The lens setting for GL-MH4012SZW.

Pixel Adjust

For correcting the phase shifting between each RGB color by adjusting the pixel.

Adjust

For setting the adjustment feature to On or Off.

Adjust Area

Setting	Description
Whole	Adjusts the entire image.
Zone	Enables fine adjustment of each area by dividing the screen evenly into 10 vertical and horizontal zones.

Adjust Color

For selecting the color to adjust (“Red” or “Blue”).

Adjust Pattern

Setting	Description
Off	Displays the external signals without displaying the test pattern for adjustment.
On	Displays the test pattern for adjustment.

Adjust Pattern Color

For setting the color of the adjustment pattern displayed during adjustment to “White” or “Yellow / Cyan”.

Adjust (Pixel)

When “Adjust Area” is set to “Whole”, adjustment can be made by moving in units of one pixel on the screen of the color selected in “Adjust Color”.

➡ “Whole Adjust (Pixel) Operation Procedure” (P. 45)

- Adjustment cannot be made when “Adjust Area” is set to “Zone”.

Setting	Description
H (Horizontal)	Setting range: -2 (moves red/blue to the left) to +2 (moves red/blue to the right)
V (Vertical)	Setting range: -2 (moves red/blue downward) to +2 (moves red/blue upward)

Adjust (Fine)

When “Adjust Area” is configured to “Whole”, fine adjustment can be made to the entire screen’s pixels by shifting them in one-eighth pixel increments based on the color selected in “Adjust Color”.

➡ “Whole Adjust (Fine) Operation Procedure” (P. 46)

When “Adjust Area” is set to “Zone”, the screen is divided evenly into 10 vertical and horizontal zones, and fine adjustment of each area is possible.

➡ “Zone Adjust Operation Procedure” (P. 47)

Setting	Description
H (Horizontal)	Setting range: -31 (moves red/blue to the left) to +31 (moves red/blue to the right)
V (Vertical)	Setting range: -31 (moves red/blue downward) to +31 (moves red/blue upward)

Reset

Restores all pixel adjustment data to the factory default.

Whole Adjust (Pixel) Operation Procedure

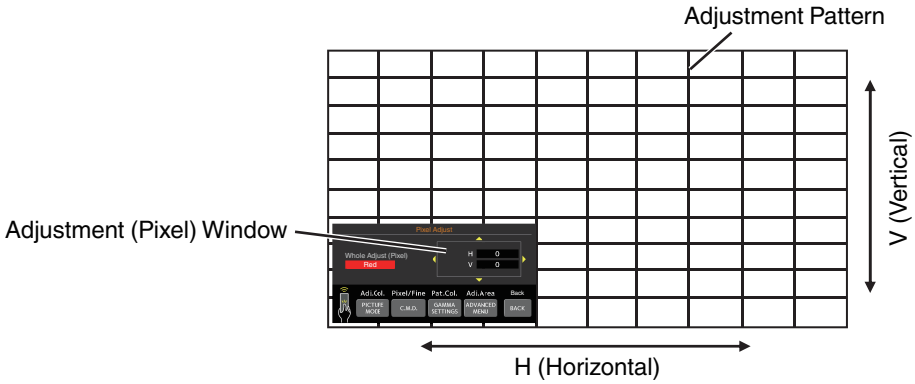
For making general adjustments to slight color fringing in the horizontal/vertical directions of the video image.

① Set “Adjust Area” to “Whole”

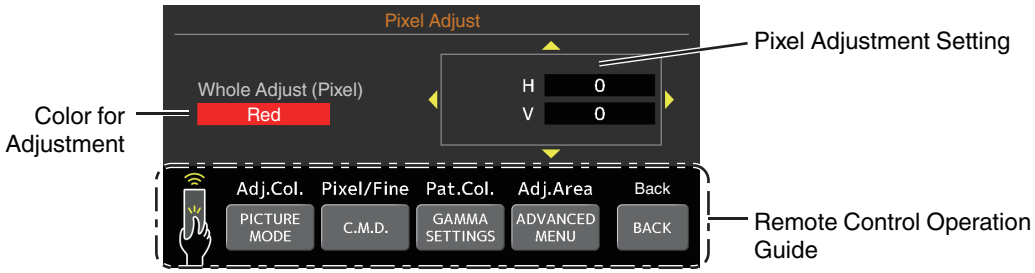
② Select “Adjust Color” and “Adjust Pattern Color”

③ Select “Adjust (Pixel)”, and press the [OK] button

- The Adjustment mode is activated, and the selected adjustment pattern and Adjustment (Pixel) window are displayed.



④ Use the [▲▼◀ ▶] keys to move and adjust the vertical and horizontal pixels of the entire zone



⑤ After adjustment is complete, press the [BACK] button once to exit the Adjustment mode

Remote Control Operation Guide

Button Name	Function	Description of Operation
[PICTURE MODE]	Adj.Col.	Changes “Adjust Color”.
[C.M.D.]	Pixel/Fine	Switches between “Adjust (Pixel)” and “Adjust (Fine)”. • Switches to “Adjust (Pixel)” when “Adjust Area” is set to “Zone”.
[GAMMA SETTINGS]	Pat.Col.	Changes “Adjust Pattern Color”.
[ADVANCED MENU]	Adj.Area	Switches “Adjust Area”. • A zone cursor appears on the adjustment pattern when the “Zone” setting is selected.

Whole Adjust (Fine) Operation Procedure

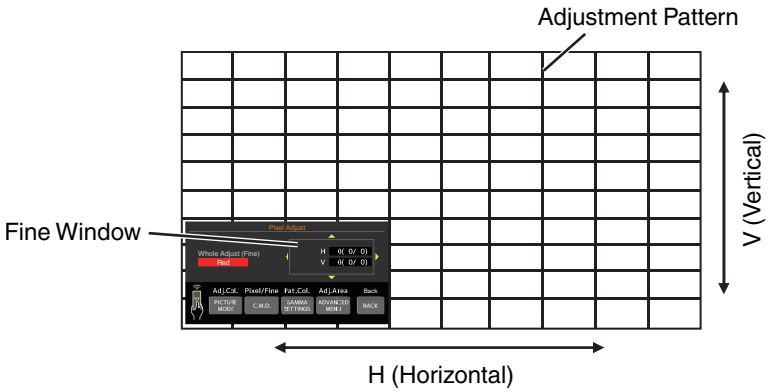
For making general adjustments on the misalignment of the entire screen using “Adjust (Pixel)”, followed by making fine adjustments.

① Set “Adjust Area” to “Whole”

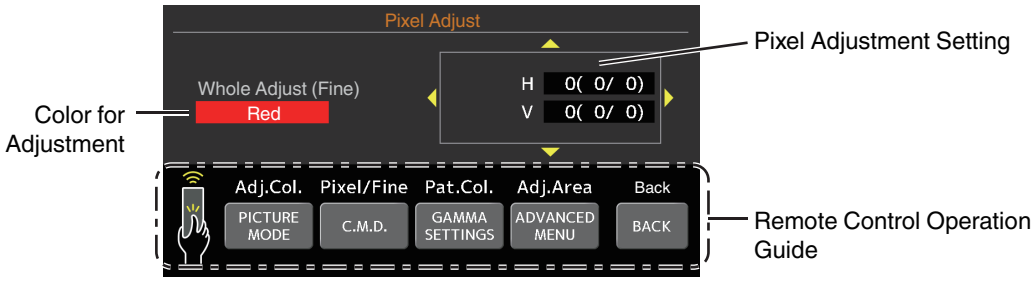
② Select “Adjust Color” and “Adjust Pattern Color”

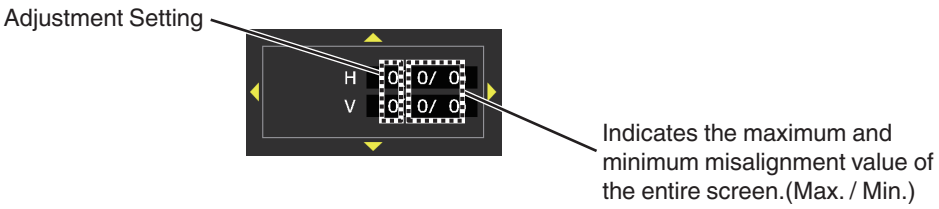
③ Select Adjust (Fine), and press the [OK] button

- The Adjustment mode is activated, and the selected adjustment pattern and Fine window are displayed.
- The adjustable range may be smaller depending on the pixels being adjusted on the entire screen.



④ Use the [▲▼◀ ▶] keys to move and adjust the vertical and horizontal pixels of the entire zone





⑤ After adjustment is complete, press the [BACK] button once to exit the Adjustment mode

MEMO

- If both the maximum overall screen misalignment of H (horizontal direction) and V (vertical direction) are “31”, you cannot select a value that is larger than the displayed setting even when the adjustment setting is lower than the maximum value.
- If the minimum overall screen misalignment is “-31”, you cannot select a value that is smaller than the displayed setting even when the adjustment setting is higher than the minimum value.

Zone Adjust Operation Procedure

For fine-tuning misalignments on a part of the screen after adjusting the overall screen misalignment using “Adjust (Pixel)” and “Adjust (Fine)”.

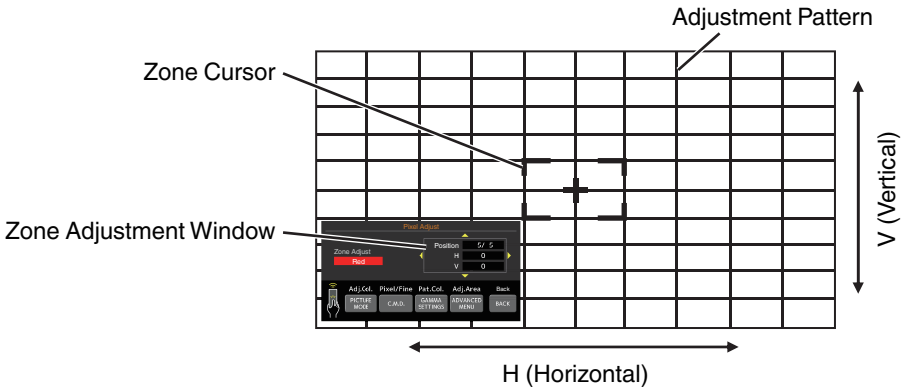
- The screen can be divided vertically and horizontally into 10 sections for partial adjustments to be made.

① Set “Adjust Area” to “Zone”

② Select “Adjust Color” and “Adjust Pattern Color”

③ Select Adjust (Fine), and press the [OK] button

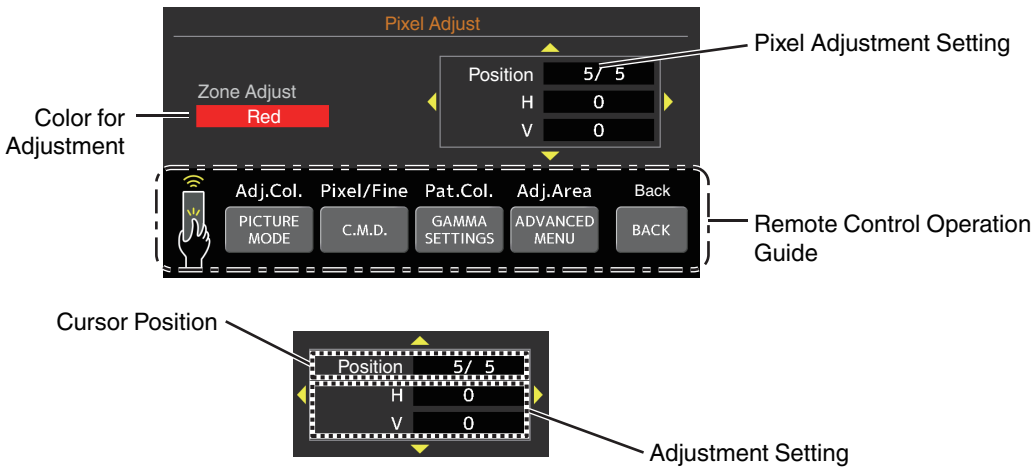
- The Adjustment mode is activated, and the selected adjustment pattern and Zone Adjustment window are displayed.
- The adjustable range may be smaller depending on the pixels being adjusted on the entire screen.



④ Press the [▲▼◀ ▶] keys to move the cursor to the point to be adjusted

⑤ Press the [OK] button to enter the Adjustment mode

⑥ Use the [▲▼◀ ▶] keys to move and adjust the vertical and horizontal pixels of the entire zone



⑦ After adjustment is complete, press the [BACK] button twice to exit the Adjustment mode

Mask

For hiding the peripheral area of the image with a mask (black strip).

Setting	Description
Off	Not masked.
On	Hides the ranges specified in “Top”, “Bottom”, “Left” and “Right” by masking (with black strips).

■ Off

■ On

Mask: black strip around the periphery

“Top” / “Bottom” / “Left” / “Right”

For specifying the ranges to hide by masking (with black strips).

- Setting range: 0 to 220

Installation Style

For setting to “Front”, “Ceiling Mount (F)”, “Rear”, or “Ceiling Mount (R)” according to the installation status of the projector.

- “Front” or “Ceiling Mount (F)” is set when projector is installed in the front with respect to the screen.
- “Rear” or “Ceiling Mount (R)” is set when projector is installed in the rear with respect to the screen.

LED Indication

When “LED Indication” is set to “Off”, the LED indicator does not light up or blink under the following status.

- When the time to replace the laser light source is near. (“ Information”P. 54)
- When HIDE is on. (P. 82)
- When the projector receives a signal from a remote control which is set to a different code mode (A or B). (“Remote Code”P. 53)

Auto Geometry Stabilizer

For correcting the phase shifting between each RGB color due to the temperature according to the duration after starting up. Phase shift correction is performed every minute for 120 minutes from startup according to the preconfigured correction value.

- When this function is used, up to 4 pixels on either the left or right end will be missing depending on the amount of correction.

Mode

For configuring the correction feature to On or Off.

- The menu options under “Adjust” are not available when “Mode” is configured to “Off”.
- “Adjust (Pixel)” of “Pixel Adjust” is not available when “Mode” is configured to “On”.

Adjust Pattern

Setting	Description
Off	Displays the external signals without displaying the test pattern for adjustment.
On	Displays the test pattern for adjustment.

Adjust

For configuring the correction value according to the current time.

- Correction values can be configured for up to four points.
- After configuration of the correction values for the four points is complete, “Adjust” will not be selectable. To configure the setting, do so after erasing the unwanted correction values.

Setting	Description
H (Horizontal)	Setting range: -4 (moves Red/Green/Blue to the left) to +4 (moves Red/Green/Blue to the right)
V (Vertical)	Setting range: -4 (moves Red/Green/Blue downward) to +4 (moves Red/Green/Blue upward)

Point 1 to 4

For editing or erasing preconfigured correction values directly.
The configured time is displayed in “Point 1 to 4” after configuration of the correction values is complete.

Reset

For erasing the preconfigured correction values in Point 1 to 4.

* When using the projector with the lens shifted in the vertical direction, the amount of distortion at the upper and lower ends may be different and the curvature distortion may not be fully corrected.

Network Settings

For specifying the settings for external control from a PC or smartphone.

Setting		Description
DHCP Client	On	Obtains the IP address automatically from the DHCP server inside the connected network.
	Off	For configuring the network settings manually.
IP Address		For configuring the IP address.
Subnet Mask		For configuring the subnet mask.
Default Gateway		For configuring the default gateway.
MAC Address		Displays the MAC address of the unit.
Set		Applies the network settings.

Glossary of Network Terminology

DHCP : Abbreviation for Dynamic Host Configuration Protocol. This is a protocol for the network to assign an IP address automatically to the connected device.

IP Address : Numeric characters for identifying the device that is connected to the network.

Subnet Mask : Numeric characters that define the bit count used for the network address that is a segment of the IP address.

Default Gateway : Server for communicating beyond the network that is divided by the subnet mask.

MAC Address : Abbreviation for Media Access Control address. This is a number that is unique to each network adapter. Each of the network adapters is assigned with a unique MAC address.

Network Password

For configuring the password during LAN connection.

- Characters that are usable include alphabets (upper or lower case), numeric characters, and symbols.
- Enter a password with at least 8 characters and not more than 10 characters.

CAUTION

- Configuration of a network password is necessary before connecting to the LAN terminal.

* Any 3rd party IP control system will have to configure this password into their communication protocol.

Display Settings

Back Color

For setting the color of the background to “Blue” or “Black” when there is no signal input.

Menu Position

For setting the display position of the menu.

Signal Display

For setting the display of the input information to “On” or “Off”.

Setting	Description
Off	Not displayed.
On	Shows the input terminal for 5 seconds when input is switched.

Logo

For setting the display of logo during startup to “On” or “Off”.

Setting	Description
Off	Not displayed.
On	Displays the “D-ILA” logo for 5 seconds during startup.

ECO Settings

Off Timer

For setting the duration before the power turns off automatically when the projector is not operated.

- Setting values: “Off”, “1 Hour”, “2 Hours”, “3 Hours” and “4 Hours”

* The setting will be retained even after the Off Timer operation has completed.

Hide Mode

For reducing the power consumption through suppressing the current supply for the LD block when the [HIDE] button is pressed to hide the image temporarily.

Setting	Description
Off	The illumination supply remains on when the [HIDE] button is pressed to hide the image.
On	The illumination supply is turned off when the [HIDE] button is pressed to hide the image.

System Settings

Remote Code

For changing the remote control code.

Setting	Description
A	Sets the remote control code to “A”.
B	Sets the remote control code to “B”.

- You need to configure the remote control according to the settings of this unit.

  ① Hold down the [BACK] button

  ② While holding down the [BACK] button, press the [MENU] button for 3 seconds

  ③ The backlight of the remote control should blink 3 times for Mode A and 2 times for Mode B

- If the setting differs between this unit and the remote control, the “STANDBY/ON” indicator blinks in green when receiving the remote control code.

(Green)

High Altitude Mode

For setting the high altitude mode to “On” or “Off”.

Set to “On” when using the projector at a location of low atmospheric pressure (higher than 900 m (3,000 ft) above sea level).

Software Update

For performing a software update.

For the latest information on the software, refer to https://www.jvc.com/global/support/.

Information

Information

Page 1

Setting	Description
Input	Displays video input terminal.
Status	Displays the image output status.
Resolution (HDMI 1 / HDMI 2)	Displays the resolution information of signal input to each of the HDMI 1 and HDMI 2 terminals.
Lens Mount	Lens Information
Light Source Time	Displays the laser light source time.
Soft Ver.	Displays the firmware version.

Page 2 to 3

Setting	Description
HDMI 1 to HDMI 2	Displays the terminal for which the corresponding information is displayed.
Resolution	Displays the image resolution.
H Frequency	Displays the horizontal frequency.
V Frequency	Displays the vertical frequency.
Color Depth	Displays the color bit depth of the input video signal. • Displayed when Deep Color information is received from the source device.
Color Space	Displays the Color Space detected by AVI Info frame.
Link Rate	Displays the transmission frequency of the input signal.
Lane Count	Displays the number of lanes used for the input signal.
H/V Total	Displays the total number of dots and lines of the input signal.

Maintaining the Cabinet and Remote Control

- Gently wipe off dirt on the cabinet with a soft cloth.
- If it is extremely dirty, wet a cloth in water, wring dry and use it to wipe off the dirt, followed by wiping again with a dry cloth.
- Pay attention to the following as the cabinet may deteriorate in condition or the paint may come off.
  - Do not wipe with thinner or benzine
  - Do not allow prolonged contact with rubber or plastic products
  - Do not spray volatile chemicals such as insecticide

Long-term Storage of the Projector

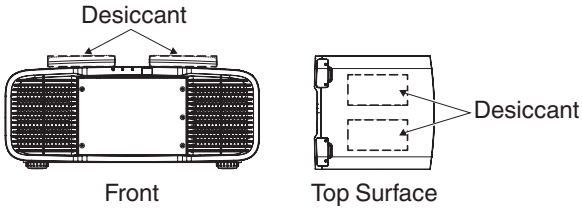
If projector is to be stored or not powered up for more than 3 months, it is recommended that the projector be stored in a sealed bag with desiccant.

CAUTION

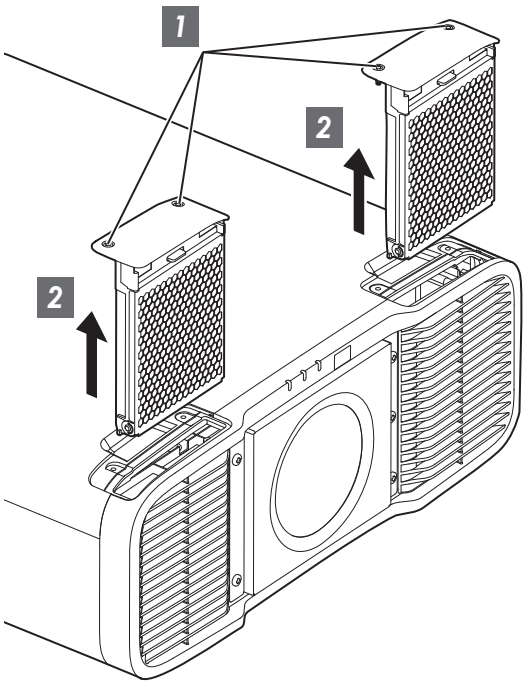
1) If projector is run on a normal cycle weekly or powered on for at least 8 hours every 90 days, no action is required.

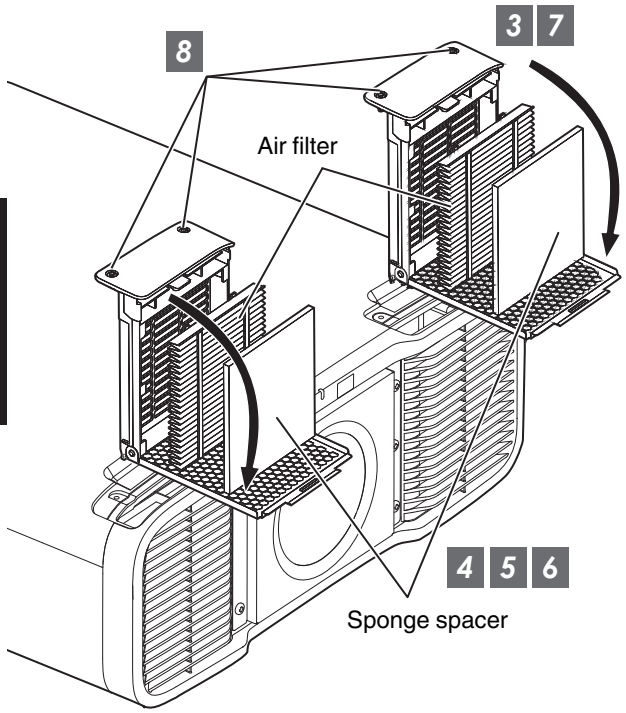
2) Desiccant should be changed every year or sooner if exposed to humid environment.

- Desiccant
  Product no :LC43436-001A
- Sealed bag
  Product no :LC43435-002A



Cleaning and Replacing the Filter





1 Loosen each of the two screws on the filter holder
- The screws cannot be removed from the filter holder. Do not try to remove them forcibly.

2 Place your finger on the filter holder and pull it up

3 Push up the claw on the front side of the holder to open the perforated metal fitting

4 Remove the sponge spacer

5 Use a vacuum cleaner to remove dirt from the sponge spacer

6 Restore the sponge spacer to the original position

7 Close the perforated metal part and hook the claws of the holder

8 Return the filter holder and tighten the screws

CAUTION

- Do not wash the air filter with water. Doing so may cause the filter to deteriorate.
- Make sure to attach the air filter and sponge spacer in the correct sequence.

MEMO

- If the air filter or sponge spacer is damaged and requires replacement, or if dirt gets into the unit, consult your authorized dealer or nearby service center.
- Air filter
  Product No.: F1K-0237-00
- Sponge spacer
  Product No.: J3K-0182-00

About the Lens

DLA-VS2600G

- This projector does not come with a projection lens.
  To use the projector, please mount a projection lens according to your requirements.
- When using an optional standard zoom lens or short focus lens, a spacer and shift plate are required. Use the spacer that comes with this unit.
  The shift plate varies depending on the tilt angle of the lens so please consult your authorized dealer.
- To use the Shift function, a motorized lens shift unit is required. (Sold separately)

<Optional Extras>

Standard zoom lens (Product No.: GL-MZ4014SZW, GL-MH4012SZW)

Short focus lens (Product No.: GL-MZ4109SZW, GL-MZ4008SZW)

Motorized lens shift unit (for GL-MH4012SZW only) Product No.: PK-MLS02W

Mounting the Lens

When installing the lens using the shift plate, do so according to the following procedures.
When using the optional motorized lens shift unit PK-MLS02W, refer to its instruction manual.

CAUTION

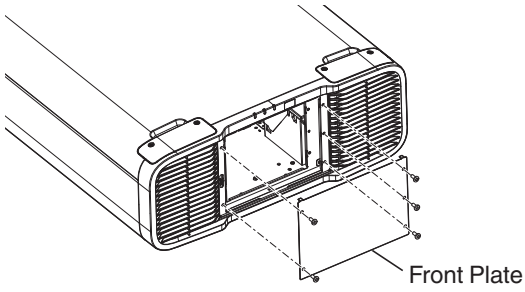
- Before attaching the lens, check to make sure that the power of the projector is not turned on and the power cord is not connected. Otherwise, it may cause electric shock or injuries.
- When using the projector in an environment where vibration occurs continuously, tighten the mounting screws periodically or apply measures to prevent loosening of the screws before use.

Mounting the Large Lens (GL-MZ4014SZW, GL-MZ4109SZW, GL-MZ4008SZW)

* Recommended tightening torque for M5 screws is 1.47 N·m (15 kgf·cm).

1 Remove the front plate

Use a Phillips screwdriver to loosen five screws and remove the front plate.

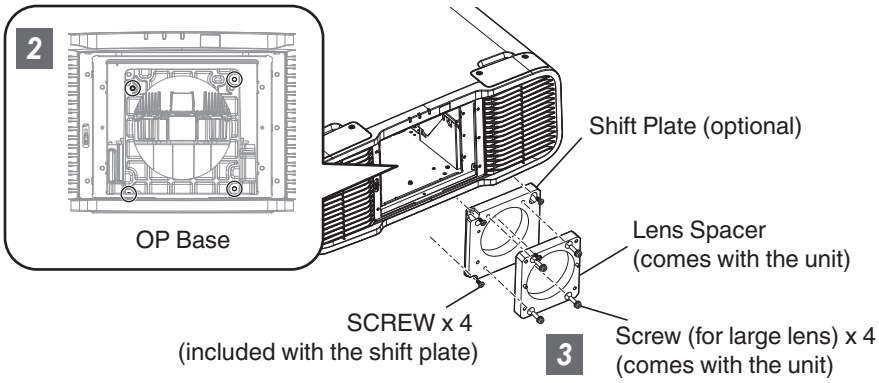


2 Install the shift plate on the OP base

Use the screws included with the shift plate to attach the shift plate to the OP base.

3 Attach Lens Spacer to the shift plate

Use the included Screw(for large lens), attach Lens Spacer to the shift plate.

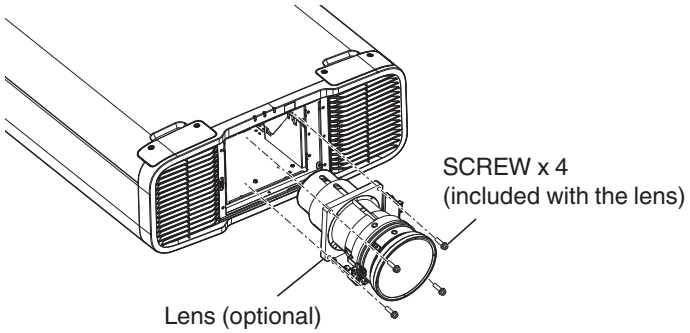


4 Insert the lens while connecting the motor cable

Insert the lens while connecting the motor cable (20 pin) and secure it to Lens Spacer with the four screws included with the lens.

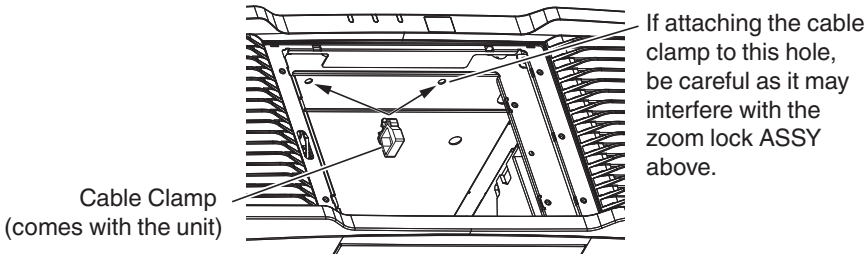
Route the motor cable over the top side of the lens. (The motor connectors for the electric shift unit (4-pin x 2) are not used.)

- Insert the cable connector from the front into the connector on the right side of the **GL-MZ4014SZW** and **GL-MZ4109SZW** lenses.
- Insert the cable connector from the right into the connector on the top side of the **GL-MZ4008SZW** lens.
- For more information on how to connect the motor cable, refer to the instruction manual of each lens.



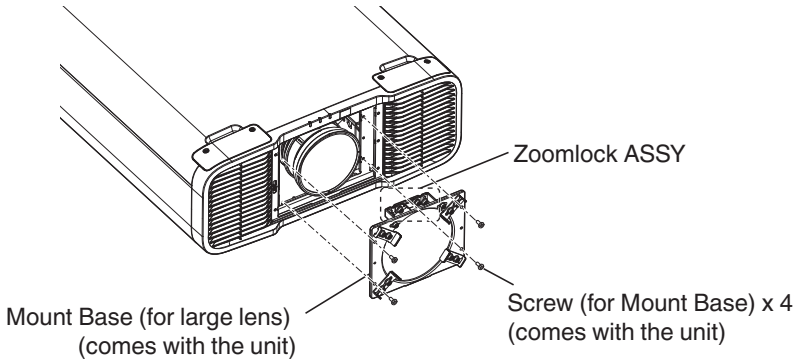
CAUTION

- When clamping the motor cable, insert the included clamp into either of the two holes on the upper side of the opening.



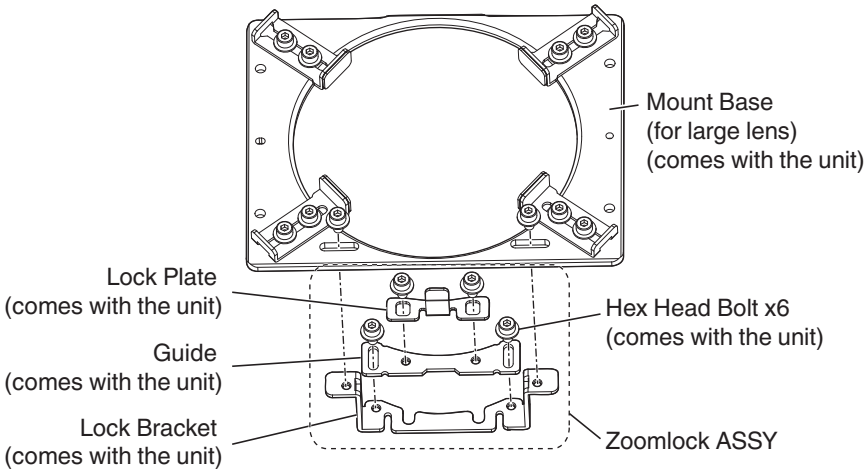
5 Attach the Mount Base

Secure Mount Base(for large lens) (comes with the unit) with four screws using a Phillips screwdriver.



GL-MZ4014SZW, **GL-MZ4109SZW**

- Use the zoomlock ASSY.
- Use the included part to assemble the zoomlock ASSY. Use a 3 mm hex wrench for assembly.



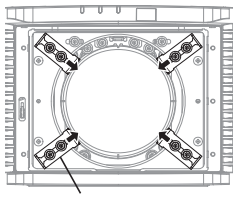
GL-MZ4008SZW

- The zoomlock ASSY is not needed. For more information on how to use the zoomlock, refer to the lens instruction manual.

6 Fixing the support brackets for Mount Base.

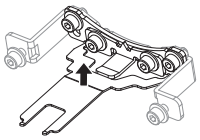
Slide the support brackets from four directions within the lens shift range, and secure them with bolts using a 3 mm hex wrench.

Within the lens shift range, lock the rotation of the zoom ring of the lens by attaching the zoomlock ASSY using included Jig and a 3 mm hex wrench.

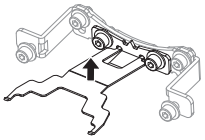


Support brackets

How to set the zoomlock (how to use the included Jig)



Lift the Guide and Lock Plate to match the lens' shift amount.



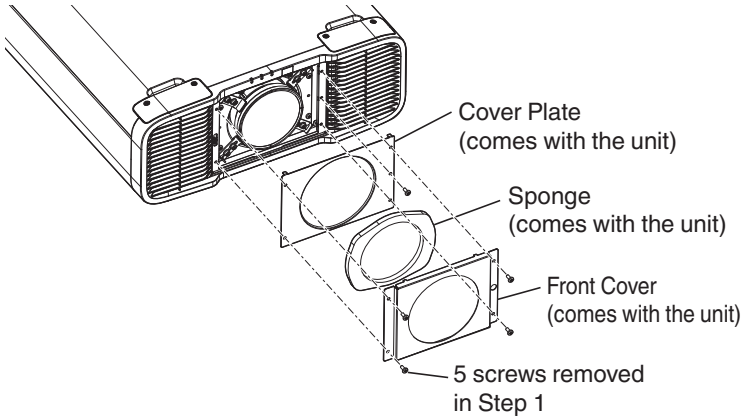
Adjust the Lock Plate to align with the top of the lens zoom ring.

CAUTION

When mounting a lens to an upward shift, rotate Mount Base 180 degrees so that the zoomlock ASSY will be on the lower side.

7 Mount Cover Plate, Sponge, and Front Cover

Mount Cover Plate, Sponge, and Front Cover in order using a Phillips screwdriver.



Mounting the Small Lens (GL-MH4012SZW)

* Recommended tightening torque for M3 screws is 0.6 N·m (6.1 kgf·cm).

1 Use a Phillips screwdriver to loosen five screws and remove the front plate

Refer to the Step 1 for mounting the Large Lens.

2 Secure the lens to the shift plate

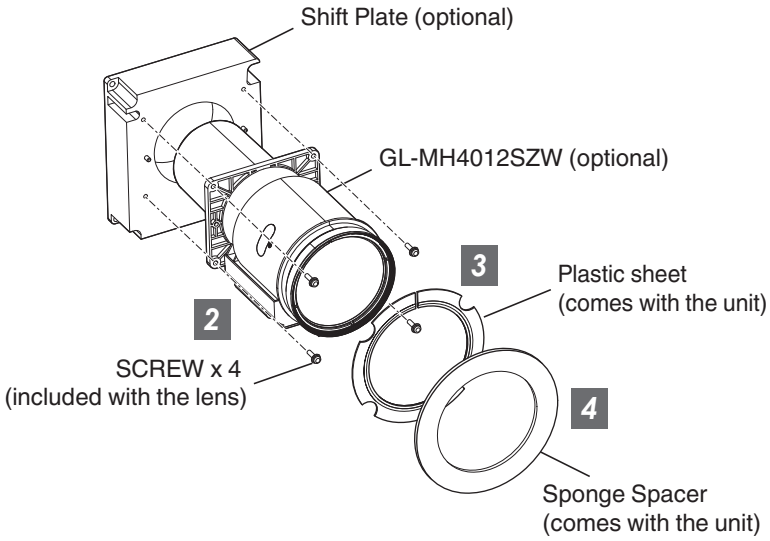
Use the screws included with the lens to secure the connector facing downwards onto the lens shift plate.

3 Attach Plastic Sheet to the lens

Peel off the white sheet of Plastic Sheet (comes with the unit) and attach the Plastic Sheet to the front flange of the lens.

4 Attach Sponge Spacer to Plastic Sheet

Peel off the transparent paper of Plastic Sheet (comes with the unit) and attach it to the PET side of Sponge Spacer (comes with the unit).

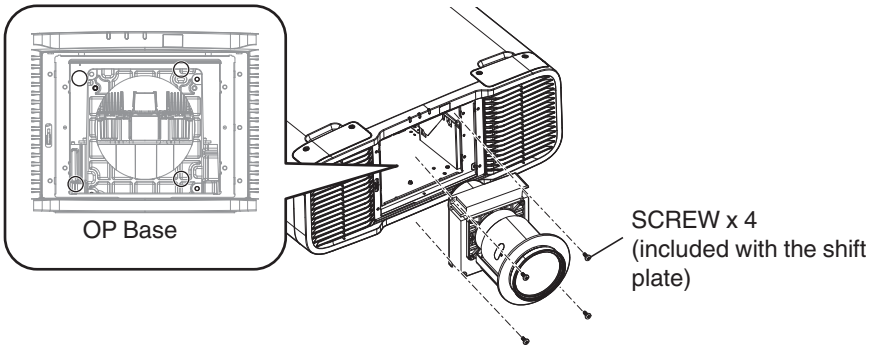


5 Insert the lens while connecting the motor cable

Insert the lens while connecting the motor cable (20 pin) and secure it to the OP base with the four screws included with the shift plate.

Route the motor cable from the left side of the lens downwards. (When using a fixed shift plate, the motor connectors for the electric shift unit (4-pin x 2) are not used.)

- For more information on how to connect the motor cable, refer to the lens instruction manual.



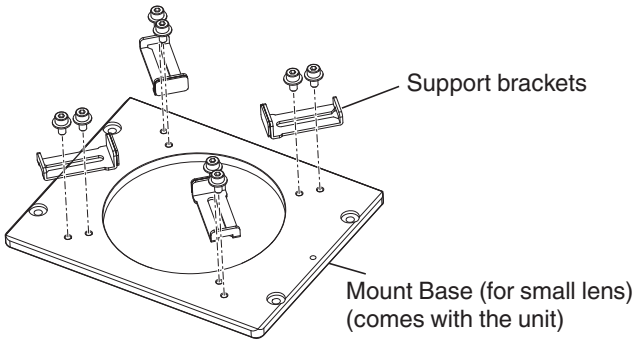
6 Perform Zoomlock

For more information on how to use the zoomlock, refer to the lens instruction manual.

7 Mount the support brackets to Mount Base

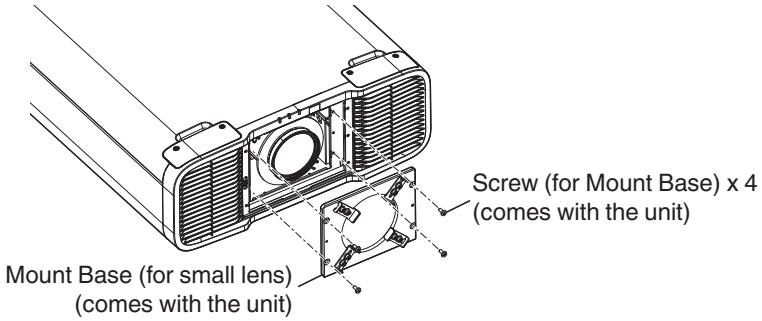
Remove the support brackets from Mount Base(for large lens) (comes with the unit) and attach them to Mount Base(for small lens) (comes with the unit).

* When using the projector in an environment where no vibrations occur (non-motion), support brackets are not necessary. Mount only the Mount Base.



8 Attach the Mount Base

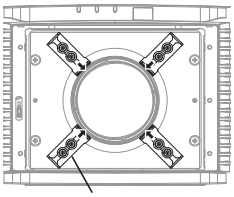
Secure Mount Base(for small lens) (comes with the unit) with four screws using a Phillips screwdriver.



9 Fix the support brackets

Slide the support brackets from four directions according to the lens shifting range, and secure them with bolts using a 3 mm hex wrench.

* When using the projector in an environment where no vibrations occur (non-motion), this process is not necessary.



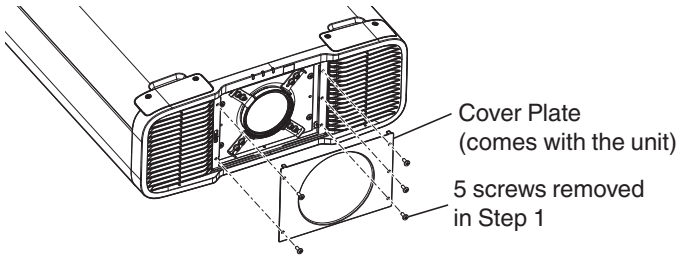
Support brackets

CAUTION

- When using the projector in combination with the motorized lens shift unit (Product No: PK-MLS02W), do not operate the lens shift after securing the support brackets. (If you operate the lens shift, it will apply a load to the shift motor, which may cause the unit to malfunction)

10 Attach the Cover Plate

Attach Cover Plate using a Phillips screwdriver.



Troubleshooting

Before sending the unit to your authorized dealer for repair, please check the following points.

The following symptoms are not malfunctions.

You do not need to worry about the following symptoms if there is no abnormality on the screen.

- A part of the top or front surface of the unit is hot.
- A creaking sound is heard from the unit.
- An operating sound is heard from the inside of the unit.
- Color smear occurs on some screens.

This unit is a digital device. This unit may become unable to operate normally due to external static or noise. Perform the following operations when such malfunctions occur.

① If the unit is in the Standby mode, pull out the power plug, followed by inserting it again

② Press the ⏻/| button on the projector unit to turn on the power again

If "High Altitude Mode" is set to "On", the fan spins at a higher speed and produces a sound louder than usual.

Power is not supplied

Check	Action	Refer to
Is the power cord disconnected?	Insert the power cord (plug) firmly.	P. 27
Is the unit in the Cool-down mode?	After exiting the Cool-down mode, turn on the power again.	P. 28

Power shuts down automatically

Check	Action	Refer to
Has "Off Timer" been configured?	Set "Off Timer" to "Off".	P. 52
Are the air inlets and exhaust vent blocked?	Leave proper clearance when installing the unit.	P. 16, 17, 22
Is there a large amount of dirt attached to the sponge filter?	Remove the dirt using a vacuum cleaner.	P. 55

Video image does not appear

Check	Action	Refer to
Is the correct external input selected?	Select the correct external input terminal.	P. 28
Is the power of the AV device or PC turned on?	Turn on the power of the AV device or PC and play the video.	P. 25
Is the AV device or PC properly connected?	Connect the AV device or PC properly.	P. 25
Are the correct signals being output from the AV device or PC?	Set the AV device or PC properly.	P. 25
Is the cable in use an HDMI-certified cable?	Use an Ultra High Speed HDMI Cable (supports 48 Gbps). HDMI cable may be directional and some HDMI cables require external power. Please check the specifications of the cable you are using.	P. 25
Is an intermediate device (AV amplifier, divider, etc.) in use?	Change the sequence of turning on the source device, intermediate device and the projector. And after turning on each device, ensure that the signal output is stable before turning on the next device.	P. 40
Is an old source device in use?	Change the resolution setting of the source device. For details on how to change the setting, please refer to the instruction manual of the source device. Also, try it by switching the HDMI EDID Settings.	P. 40
This may be due to a temporary connection problem.	Turn on the projector and the connected devices (player and AV amplifier) again (ON → OFF → ON).	P. 25

Video image looks unnatural

Colors are unnatural

Check	Action	Refer to
Is the color space of the input signal correctly set?	The color may turn out unnatural when the input signal is different from that in the projector setting. Set the HDMI Settings for “Color Space” correctly.	P. 40
Is the image correctly adjusted?	Adjust “Color” and “Tint” accordingly. Check Picture Settings.	P. 35
Is the AV device or PC properly connected?	Connect the AV device or PC properly.	P. 25

* The video image may appear slightly reddish immediately after starting up. This is not a malfunction.

Video image is fuzzy

Check	Action	Refer to
Is the focus correctly adjusted?	Adjust the focus.	P. 42
Is the unit placed too near or too far away from the screen?	Set the unit at a correct distance from the screen.	P. 75

Video format changes

Check	Action	Refer to
Is the cable in use an HDMI-certified cable?	Depending on the quality of the cable in use, the signal from the device connected may change to a receivable video format. Make use of an HDMI cable with the Ultra High Speed HDMI Cable certification (supports 48 Gbps).	P. 25

Projected image is dark

Check	Action	Refer to
Is the laser light source near exhaustion?	Check the laser light source time in the “Information” menu. If 20,000 hours have elapsed, the brightness will be half the brightness at shipment.	P. 54
Is the aperture closed?	Increase the value of the “Aperture” setting.	P. 35
Is the value of the “LD Current” setting small?	Increase the value of the “LD Current” setting.	P. 35
Is “Option Lens Setting” correctly configured?	Check the “Option Lens Setting”.	P. 43

Moire patterns appear on the screen

Check	Action	Refer to
Does the fabric of the screen have a regular pattern?	Interference fringes may sometimes occur between the fabric pattern and the pixels. Please consult the authorized dealer.	—

Part of the video Image is missing

Check	Action	Refer to
Has screen mask been configured?	Set “Mask” to “Off”.	P. 48

Zoom or focus does not work

Check	Action	Refer to
Is the lens replaced?	Depending on the lens position, the lens may not work when it has been replaced. While at the Focus / Zoom adjustment screen, press and hold the ▲ or ▼ key for 5 seconds or longer. Doing so will allow the lens to recover from this condition.	P. 42

Zoom movement becomes faster or slower

Check	Action	Refer to
Is “Option Lens Setting” correctly configured?	Check the “Option Lens Setting”.	P. 43

Remote control does not work

Check	Action	Refer to
Are the batteries correctly installed?	Load the batteries correctly to match the polarities (⊕⊖)	P. 19
Are the batteries exhausted?	Replace with new batteries.	P. 19
Is there an obstructing object between the remote control and remote sensor?	Remove any obstructing object.	P. 19
Is the remote control held too far away from the unit?	Hold the remote control closer to the sensor during use.	P. 19
Is remote control code correct?	Match the settings of the projector and the remote control. The factory settings are both “A”.	P. 53

Noise is heard

Check	Action	Refer to
Is the exhaust vent blocked? Is the unit used near a heater or air-conditioner?	Check the installation condition of the projector. When the surrounding temperature of the projector is high, the fan revolution speed increases to protect the projector unit, hence a louder operating sound.	P. 22
Is the “LD Current” value set too high?	Setting the “LD Current” value too high increases the fan rotation speed, and noise would be louder as a result.	P. 35

Unable to connect to LAN terminal

Check	Action	Refer to
Has a network password been configured?	Configuration of a network password is necessary before connecting to the LAN terminal. Configure the network password.	P. 50

There are small black or colored dots on the screen

The D-ILA device is manufactured using high-precision technologies, but there may be some (less than 0.01%) missing pixels or pixels that remain permanently lit. This is not a malfunction.

When the Following Messages Appear...

Message	Description	Action
	• No device is connected to the input terminal. • The input terminal is connected but there is no signal.	Input the video signals.
	The video signal input is not supported on this unit.	Input video signals that can be used. (P. 79)

External Control

The projector can be controlled by connecting it to a PC through the computer network with a LAN cable for control commands to be sent to the projector.

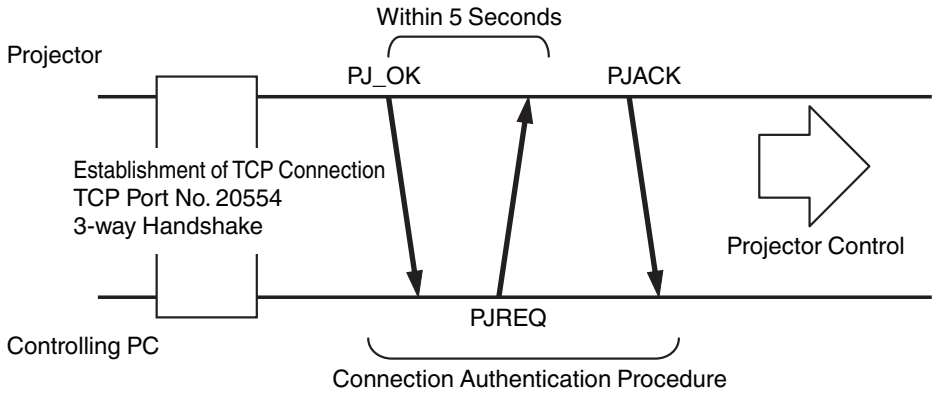
➡ “ Network Settings” (P. 50)

- Please use it after you have gained proper understanding from professional books or consulting the system administrator.
- Configuration of a network password is necessary before connecting to the LAN terminal.

TCP/IP Connection

Before controlling via LAN, it is necessary to establish connection of the TCP layer by a “3-way handshake”, followed by sending out “PJREQ” and receiving “PJACK” within five seconds after the projector sends out “PJ_OK” for connection authentication.

If you are unable to complete sending within five seconds, or when “PJ_NG” or “PJNAK” is received, check the operating status of the projector, followed by performing the steps again starting from establishment of a TCP connection.



Command Format

The command between this unit and the computer consists of “Header”, “Unit ID”, “Command”, “Data” and “End”.

- Header (1 byte), Unit ID (2 bytes), Command (2 bytes), Data (n bytes), End (1 byte)

Header

This binary code indicates the start of communication.

Binary Code	Type	Description
21	Operating command	PC → This unit
3F	Reference command	PC → This unit
40	Response command	This unit → PC
06	ACK	This unit → PC (returns to PC after the command is accepted without error)

Unit ID

This is a code that specifies the unit. The binary code is fixed at “8901”.

Command and data

Operating command and data (binary code)

Command	Type	Description
0000	Connection check	Check whether communication is enabled between this unit and the PC during standby.
5057	Power supply	During standby 31: Turns on the power When power is on 30: Turns off the power (Standby mode)
4950	Input	When power is on 36: HDMI 1 37: HDMI 2
5243	Remote control	Sends the same code as the supplied remote control. • “Remote Control Code”P. 71

Reference command and data (binary code)

Command	Type	Description
5057	Power supply	During standby or when power is on 30: Standby mode 31: When power is on 32: In the Cool-down mode 34: When error occurs on this unit
4950	Input	When power is on 36: HDMI 1 37: HDMI 2

End

This code indicates the end of communication. The binary code is fixed at “0A”.

Remote Control Code

Binary code is sent during communication.

Remote Control Button Name	Binary Code
STANDBY	37 33 30 36
ON	37 33 30 35
INPUT	37 33 30 38
LENS CONTROL	37 33 33 30
HIDE	37 33 31 44
INFO.	37 33 37 34
▲	37 33 30 31
▼	37 33 30 32
▶	37 33 33 34
◀	37 33 33 36

Remote Control Button Name	Binary Code
OK	37 33 32 46
MENU	37 33 32 45
BACK	37 33 30 33
PICTURE MODE	37 33 46 34
GAMMA SETTINGS	37 33 46 35
C.M.D.	37 33 38 41
ADVANCED MENU	37 33 37 33

Communications Example

Shows the communication examples.

Operating command

Type	Command	Description
Connection check	PC → This unit: 21 89 01 00 00 0A This unit → PC: 06 89 01 00 00 0A	Connection check
Power (On)	PC → This unit: 21 89 01 50 57 31 0A This unit → PC: 06 89 01 50 57 0A	When power is turned on from the Standby mode
Power (Off)	PC → This unit: 21 89 01 50 57 30 0A This unit → PC: 06 89 01 50 57 0A	When power is turned off (Standby mode) from power-on mode
Remote control (MENU)	PC → This unit: 21 89 01 52 43 37 33 32 45 0A This unit → PC: 06 89 01 52 43 0A	When the same operation as pressing the [MENU] button on the remote control is performed

Reference command

Type	Command	Description
Power (On)	PC → This unit: 3F 89 01 50 57 0A This unit → PC: 06 89 01 50 57 0A This unit → PC: 40 89 01 50 57 31 0A	When information on the power-on state is acquired
Input (HDMI 1)	PC → This unit: 3F 89 01 49 50 0A This unit → PC: 06 89 01 49 50 0A This unit → PC: 40 89 01 49 50 36 0A	When information on HDMI 1 input is acquired

Specifications

Product Name		D-ILA Projector
Model Name		DLA-VS2600G, DLA-VS2600SG
Display Panel/Size		D-ILA device *1, 2 0.69” 4K D-ILA (4096 x 2160 pixels) x 3
Light Source		Laser Diode
Screen Size		Approx. 60” to 200” (Aspect ratio of 16:9)
Brightness		1300 lm
Projection Distance		Refer to P. 75
Input Compatibility Signal		Refer to P. 79
Display Resolution		4096 x 2160 pixels
Input Terminal	HDMI Input	Dual, HDMI 19-pin x 2 (HDCP 2.3-compatible) *3
Control Terminal	LAN Terminal	Single, RJ45 jack, 10BASE-T/100BASE-TX x 1
	Remote Terminal	Stereo mini jack (remote control) x 1
	Service Terminal	SERVICE Single (USB Type A) *4
Power Requirements		AC 100 V to 240 V, 50 Hz/60 Hz
Power Consumption		330 W (during standby: 1.5 W *5)
Operation Environment		Temperature: 5°C to 35°C; humidity: 20% to 80%; storage temperature: -10°C to 60°C
Installation Height		Below 6,561 ft (2,000 m)
Dimensions (Width x Height x Depth)		450 mm×181 mm×476 mm (17-23/32 in x 7-5/32 in x 18-3/4 in) (including feet)
Mass		14.4 kg (31.8 lb) **VS2600G**, 17.1 kg (37.7 lb) **VS2600SG**

*1 D-ILA is the abbreviation for Direct Drive Image Light Amplifier.

*2 D-ILA devices are manufactured using extremely high-precision technology with a pixel effectiveness of 99.99%. Only 0.01% or less of the pixels are either missing or would remain permanently lit.

*3 HDCP is the abbreviation for High-bandwidth Digital Content Protection system. The image of the HDMI input terminal may not be displayed in some cases due to changes in the HDCP specifications.

*4 Exclusively for firmware update.

*5 The power consumption of this product during networked standby when all wired network ports are connected is 1.5 W.

About Trademarks and Copyrights

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

UK Product Security and Telecommunications Infrastructure Act 2022 (United Kingdom only)

This product is compliant with the UK Product Security Telecommunications Infrastructure Act 2022.

For relevant compliance statements, please scan the QR code or visit the URL below for further information.

https://uk.jvckenwood.com/product_security/

Screen Size and Projection Distance

17:9 Screen

Screen Size Diagonal (Inch)	Projection Distance (m)							
	GL-MZ4008SZW		GL-MZ4109SZW		GL-MH4012SZW		GL-MZ4014SZW	
	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele
60	1.05	1.27	1.22	1.74	1.68	2.72	1.66	3.43
70	1.24	1.49	1.44	2.04	1.97	3.18	1.96	4.02
80	1.42	1.72	1.65	2.34	2.26	3.63	2.25	4.60
90	1.61	1.94	1.87	2.65	2.54	4.10	2.54	5.19
100	1.79	2.16	2.08	2.95	2.83	4.56	2.83	5.77
110	1.97	2.38	2.30	3.25	3.12	5.02	3.12	6.36
120	2.16	2.60	2.52	3.55	3.41	5.48	3.41	6.94
130	2.34	2.82	2.73	3.85	3.69	5.94	3.70	7.53
140	2.53	3.04	2.95	4.15	3.99	6.40	3.99	8.11
150	2.71	3.26	3.16	4.45	4.27	6.86	4.28	8.70
160	2.90	3.48	3.38	4.75	4.56	7.32	4.58	9.28
170	3.08	3.70	3.59	5.06	4.85	7.78	4.87	9.87
180	3.27	3.92	3.81	5.36	5.14	8.24	5.16	10.45
190	3.45	4.15	4.02	5.66	5.42	8.71	5.45	11.04
200	3.63	4.37	4.24	5.96	5.71	9.17	5.74	11.62
210	3.82	4.59	4.45	6.26	6.00	9.63	6.03	12.21
220	4.00	4.81	4.67	6.56	6.29	10.09	6.32	12.79
230	4.19	5.03	4.88	6.86	6.58	10.55	6.61	13.38
240	4.37	5.25	5.10	7.16	6.87	11.01	6.90	13.96
250	4.56	5.47	5.31	7.46	7.16	11.47	7.19	14.55
260	4.74	5.69	5.53	7.77	7.44	11.93	7.49	15.13
270	4.92	5.91	5.74	8.07	7.73	12.39	7.78	15.72
280	5.11	6.13	5.96	8.37	8.02	12.85	8.07	16.31
290	5.29	6.35	6.17	8.67	8.31	13.31	8.36	16.89
300	5.48	6.58	6.39	8.97	8.60	13.77	8.65	17.48

Screen Size Diagonal (Inch)	Projection Distance (Inch)							
	GL-MZ4008SZW		GL-MZ4109SZW		GL-MH4012SZW		GL-MZ4014SZW	
	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele
60	41.5	50.2	48.2	68.6	66.1	106.9	65.5	135.1
70	48.7	58.8	56.7	80.4	77.5	125.0	77.0	158.2
80	56.0	67.5	65.1	92.3	88.8	143.1	88.5	181.2
90	63.2	76.2	73.6	104.2	100.1	161.2	99.9	204.2
100	70.5	84.9	82.1	116	111.4	179.3	111.4	227.3
110	77.7	93.6	90.5	127.9	122.8	197.6	122.8	250.3
120	85.0	102.3	99.0	139.7	134.2	215.7	134.3	273.4
130	92.3	111.0	107.5	151.6	145.4	233.7	145.8	296.4
140	99.5	119.7	116.0	163.4	157.0	251.9	157.2	319.4
150	106.8	128.4	124.4	175.3	168.3	270	168.7	342.5
160	114.0	137.1	132.9	187.2	179.5	288.2	180.1	365.5
170	121.3	145.8	141.4	199.0	190.9	306.3	191.6	388.5
180	128.6	154.5	149.9	210.9	202.3	324.5	203.1	411.6
190	135.8	163.2	158.3	222.7	213.5	342.7	214.5	434.6
200	143.1	171.9	166.8	234.6	224.9	360.8	226.0	457.6
210	150.3	180.6	175.3	246.5	236.2	378.9	237.4	480.7
220	157.6	189.3	183.7	258.3	247.6	397.0	248.9	503.7
230	164.8	198.0	192.2	270.2	259.0	415.2	260.3	526.8
240	172.1	206.7	200.7	282.0	270.3	433.3	271.8	549.8
250	179.4	215.4	209.2	293.9	281.7	451.6	283.3	572.8
260	186.6	224.1	217.6	305.7	293.0	469.7	294.7	595.9
270	193.9	232.8	226.1	317.6	304.3	487.8	306.2	618.9
280	201.1	241.5	234.6	329.5	315.7	505.9	317.6	641.9
290	208.4	250.2	243.0	341.3	327.0	524.0	329.1	665.0
300	215.7	258.9	251.5	353.2	338.4	542.1	340.6	688.0

16:9 Screen

Screen Size Diagonal (Inch)	Projection Distance (m)							
	GL-MZ4008SZW		GL-MZ4109SZW		GL-MH4012SZW		GL-MZ4014SZW	
	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele
60	1.11	1.34	1.29	1.83	1.76	2.85	1.75	3.61
70	1.30	1.57	1.51	2.15	2.07	3.34	2.06	4.22
80	1.49	1.80	1.74	2.46	2.37	3.82	2.36	4.84
90	1.69	2.04	1.96	2.78	2.67	4.30	2.67	5.45
100	1.88	2.27	2.19	3.10	2.97	4.79	2.97	6.07
110	2.08	2.50	2.42	3.41	3.28	5.27	3.28	6.68
120	2.27	2.73	2.64	3.73	3.58	5.76	3.59	7.30
130	2.46	2.96	2.87	4.05	3.88	6.24	3.89	7.91
140	2.66	3.20	3.10	4.36	4.19	6.72	4.20	8.53
150	2.85	3.43	3.32	4.68	4.49	7.21	4.50	9.14
160	3.04	3.66	3.55	5.00	4.79	7.69	4.81	9.76
170	3.24	3.89	3.77	5.31	5.10	8.18	5.12	10.37
180	3.43	4.13	4.00	5.63	5.40	8.66	5.42	10.99
190	3.63	4.36	4.23	5.95	5.70	9.15	5.73	11.6
200	3.82	4.59	4.45	6.26	6.00	9.63	6.03	12.22
210	4.01	4.82	4.68	6.58	6.31	10.12	6.34	12.83
220	4.21	5.05	4.91	6.90	6.61	10.60	6.64	13.45
230	4.40	5.29	5.13	7.21	6.91	11.08	6.95	14.06
240	4.59	5.52	5.36	7.53	7.22	11.57	7.26	14.68
250	4.79	5.75	5.58	7.85	7.52	12.06	7.56	15.29
260	4.98	5.98	5.81	8.16	7.82	12.54	7.87	15.91
270	5.18	6.21	6.04	8.48	8.12	13.02	8.17	16.52
280	5.37	6.45	6.26	8.80	8.43	13.51	8.48	17.14
290	5.56	6.68	6.49	9.11	8.73	13.99	8.79	17.75
300	5.76	6.91	6.72	9.43	9.03	14.47	9.09	18.37

Screen Size Diagonal (Inch)	Projection Distance (Inch)							
	GL-MZ4008SZW		GL-MZ4109SZW		GL-MH4012SZW		GL-MZ4014SZW	
	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele	Wide-end	Tele
60	43.6	52.7	50.6	72.1	69.4	112.3	68.9	142.0
70	51.2	61.9	59.5	84.5	81.4	131.4	80.9	166.2
80	58.8	71.0	68.5	97.0	93.3	150.4	93.0	190.5
90	66.5	80.1	77.4	109.5	105.2	169.5	105.0	214.7
100	74.1	89.3	86.3	121.9	117.1	188.5	117.1	238.9
110	81.7	98.4	95.2	134.4	129.1	207.7	129.1	263.1
120	89.3	107.6	104.1	146.9	141.0	226.7	141.2	287.3
130	97.0	116.7	113.0	159.3	152.8	245.6	153.2	311.5
140	104.6	125.8	121.9	171.8	165.0	264.8	165.2	335.7
150	112.2	135.0	130.8	184.3	176.9	283.8	177.3	360.0
160	119.9	144.1	139.7	196.7	188.7	302.9	189.3	384.2
170	127.5	153.3	148.6	209.2	200.7	321.9	201.4	408.4
180	135.1	162.4	157.5	221.7	212.6	341.1	213.4	432.6
190	142.7	171.5	166.4	234.1	224.5	360.2	225.5	456.8
200	150.4	180.7	175.3	246.6	236.4	379.3	237.5	481.0
210	158.0	189.8	184.2	259.0	248.3	398.3	249.6	505.2
220	165.6	199.0	193.1	271.5	260.3	417.3	261.6	529.4
230	173.3	208.1	202.0	284.0	272.2	436.4	273.6	553.7
240	180.9	217.2	210.9	296.4	284.1	455.4	285.7	577.9
250	188.5	226.4	219.8	308.9	296.1	474.6	297.7	602.1
260	196.2	235.5	228.7	321.4	308.0	493.7	309.8	626.3
270	203.8	244.7	237.7	333.8	319.9	512.7	321.8	650.5
280	211.4	253.8	246.6	346.3	331.9	531.7	333.9	674.7
290	219.0	262.9	255.5	358.8	343.8	550.8	345.9	698.9
300	226.7	272.1	264.4	371.2	355.7	569.8	358.0	723.2

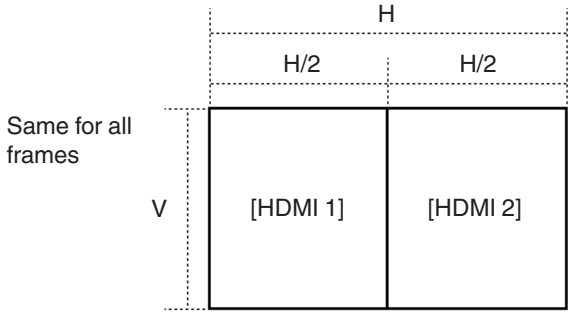
Types of Possible Input Signals

Single - HDMI 1 / HDMI 2

Original		Input Signal								
Designation	Resolution	Projector Terminal for Connection	Resolution	fh [kHz]	fv [Hz]	dot CLK [MHz]	Total No. of Dots [dot]	Total No. of Lines [line]	No. of Effective Dots [dot]	No. of Effective Lines [line]
1080p	1920 x 1080	[HDMI 1] / [HDMI 2]	1920 x 1080	56.250	50.000	148.50	2640	1125	1920	1080
				67.433	59.940	148.352	2200	1125	1920	1080
				67.500	60.000	148.500	2200	1125	1920	1080
2K	2048 x 1080		2048 x 1080	56.250	50.000	148.500	2640	1125	2048	1080
				67.433	59.940	148.352	2200	1125	2048	1080
				67.500	60.000	148.500	2200	1125	2048	1080
4K	3840 x 2160		3840 x 2160	112.500	50.000	594.000	5280	2250	3840	2160
				134.865	59.940	593.406	4400	2250	3840	2160
				135.000	60.000	594.000	4400	2250	3840	2160
				269.730	119.880	1186.813	4400	2250	3840	2160
				270.000	120.000	1188.000	4400	2250	3840	2160
	4096 x 2160		4096 x 2160	112.500	50.000	594.000	5280	2250	4096	2160
				134.865	59.940	593.406	4400	2250	4096	2160
				135.000	60.000	594.000	4400	2250	4096	2160
				269.730	119.880	1186.813	4400	2250	4096	2160
				270.000	120.000	1188.000	4400	2250	4096	2160
VGA	640×480		640×480	31.469	59.940	25.175	800	525	640	480
UXGA	1600 x 1200		1600 x 1200	75.000	60.000	162.000	2160	1250	1600	1200
WUXGA	1920 x 1200		1920 x 1200	74.556	59.885	193.250	2592	1245	1920	1200
QXGA	2048 x 1536		2048 x 1536	95.446	59.954	267.250	2800	1592	2048	1536
WQXGA	2560 x 1600		2560 x 1600	99.458	59.987	348.500	3504	1658	2560	1600

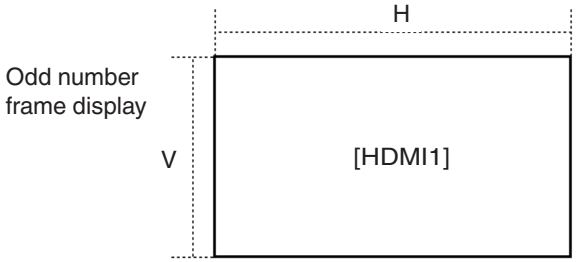
Dual - stripes

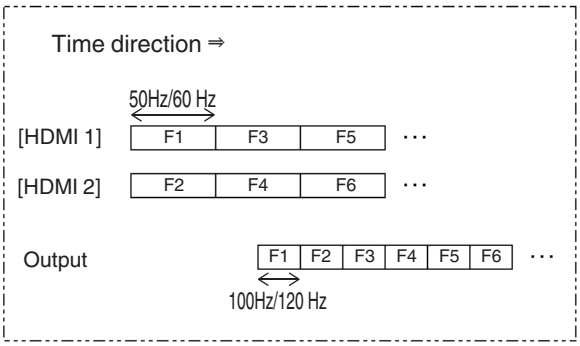
Original		Input Signal								
Designation	Resolution	Projector Terminal for Connection	Resolution	fh [kHz]	fv [Hz]	dot CLK [MHz]	Total No. of Dots [dot]	Total No. of Lines [line]	No. of Effective Dots [dot]	No. of Effective Lines [line]
4K	3840 x 2160	[HDMI 1], [HDMI 2]	1920 x 2160	112.500	50.000	297.00	2640	2250	1920	2160
				134.865	59.940	296.703	2200	2250	1920	2160
				135.000	60.000	297.000	2200	2250	1920	2160
				225.000	100.000	594.000	2640	2250	1920	2160
				269.730	119.880	593.406	2200	2250	1920	2160
				270.000	120.000	594.000	2200	2250	1920	2160
	4096 x 2160		2048 x 2160	112.500	50.000	297.000	2640	2250	2048	2160
				134.865	59.940	296.703	2200	2250	2048	2160
				135.000	60.000	297.000	2200	2250	2048	2160
				225.000	100.000	594.000	2640	2250	2048	2160
				369.730	119.880	593.406	2200	2250	2048	2160
				270.000	120.000	594.000	2200	2250	2048	2160
WQXGA	2560 x 1600		1280 x 1600	99.458	59.987	174.250	1752	1658	1280	1600

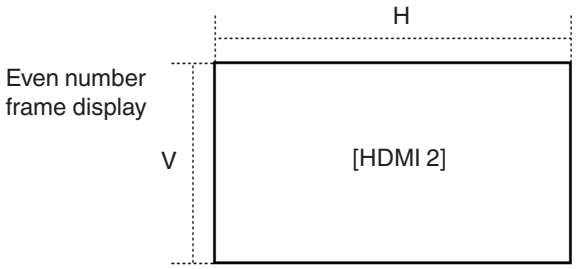


Dual - frame sequential

Original		Input Signal								
Designation	Resolution	Projector Terminal for Connection	Resolution	fh [kHz]	fv [Hz]	dot CLK [MHz]	Total No. of Dots [dot]	Total No. of Lines [line]	No. of Effective Dots [dot]	No. of Effective Lines [line]
1080p	1920 x 1080		1920 x 1080	56.250	50.000	148.500	2640	1125	1920	1080
				67.433	59.940	148.352	2200	1125	1920	1080
				67.500	60.000	148.500	2200	1125	1920	1080
4K	3840 x 2160		3840 x 2160	112.500	50.000	593.406	5280	2250	3840	2160
				134.865	59.940	593.406	4400	2250	3840	2160
				135.00	60.000	594.000	4400	2250	3840	2160
	4096 x 2160		4096 x 2160	112.500	50.000	594.000	5280	2250	4096	2160
				134.865	59.940	593.406	4400	2250	4096	2160
				135.000	60.000	594.000	4400	2250	4096	2160
WQXGA	2560 x 1600		2560 x 1600	99.458	59.987	348.500	3504	1658	2560	1600





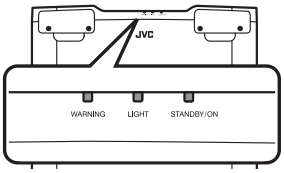


Indicator Display on the Main Unit

Meaning of the front panel indicators

The indicator is solid.

The indicator appears blinking.



Operation mode display

Displays using the different colors and solid/blinking light of the indicator on the projector unit.

"STANDBY/ON" lights up (red)
・In standby state

"STANDBY/ON" lights up (green)
・When light source is starting up

All lights off
・During projection
・When in "ECO Mode"

"STANDBY/ON" blinking (red)
・In the Cool-down mode

"STANDBY/ON" blinking (green)
・When the video image is temporarily hidden (HIDE is on)

Estimated timing for laser light source replacement

Displays using the solid/blinking light of the "LIGHT" indicator.

* "LIGHT" indicator does not light up when "LED Indication" is set to "Off".

"LIGHT" lights up (orange)

- Lights up when the "Auto Intensity" gauge reaches 113 and above. (When the "On" function is "LD Current".)

Warning display

You can tell the details of a warning from the (repeated) displays of the “WARNING” and “LIGHT” indicators. The “STANDBY/ON” indicator will light up or appear blinking according to the operation mode of the projector unit. (Please refer to ““Operation mode display”P. 82”.)

The Warning mode is activated once the message is displayed. Projection is interrupted and the cooling fan starts running.

The power cannot be turned on again while cooling is in progress. Check the following after cooling is complete.

If the Warning mode is activated again, wait for the cooling fan to stop, followed by pulling out the power plug from the outlet. Then pull out the power plug from the power outlet. Call your authorized dealer for repair.

<table>
<tr><th colspan="3">Indicator Status</th><th rowspan="2">Blinking Frequency</th><th rowspan="2">Description</th><th rowspan="2">Check and Countermeasure</th></tr>
<tr><th>WARNING</th><th>LIGHT</th><th>STANDBY/ ON</th></tr>
<tr><td rowspan="3">

(Red)</td><td rowspan="3">
</td><td rowspan="3">

Mode Display</td><td>x2</td><td>Cooling fan stopped abnormally</td><td rowspan="7">• Check that nothing is blocking the air inlets.
• Check that the external temperature is normal.
Countermeasure: Leave the unit unoperated until it cools down. After that, turn on the power again.</td></tr>
<tr><td>x3</td><td>Internal temperature is abnormally high</td></tr>
<tr><td>x4</td><td>External temperature is too high</td></tr>
<tr><td rowspan="4">

(Red)</td><td rowspan="4">

(Orange)</td><td rowspan="4">

Mode Display</td><td>x1</td><td>DD board occurs error</td></tr>
<tr><td>x2</td><td>Fan motor board occurs error</td></tr>
<tr><td>x3</td><td>CPU board occurs error</td></tr>
<tr><td>x4</td><td>Power board occurs error</td></tr>
<tr><td rowspan="4">

(Red)</td><td rowspan="4">

(Orange)</td><td rowspan="4">

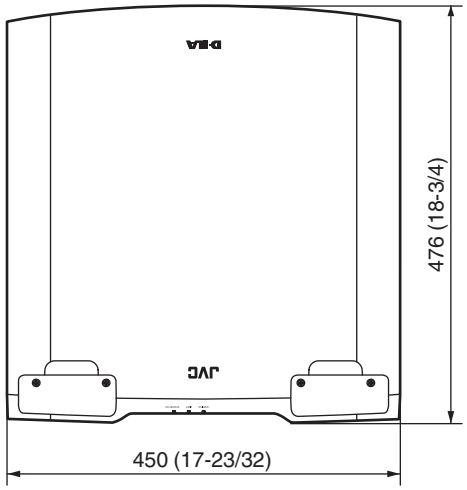
Mode Display</td><td>x1</td><td rowspan="3">Abnormality in the light source</td><td rowspan="4">Request for repair at your authorized dealer or a nearby service center.</td></tr>
<tr><td>x2</td></tr>
<tr><td>x3</td></tr>
<tr><td>x4</td><td>When the safety switch is activated</td></tr>
<tr><td>
</td><td>
</td><td>

(Green)</td><td>x3</td><td>The remote control code differs between this unit and the remote control</td><td>Set the remote control code for this unit and the remote control correctly.</td></tr>
</table>

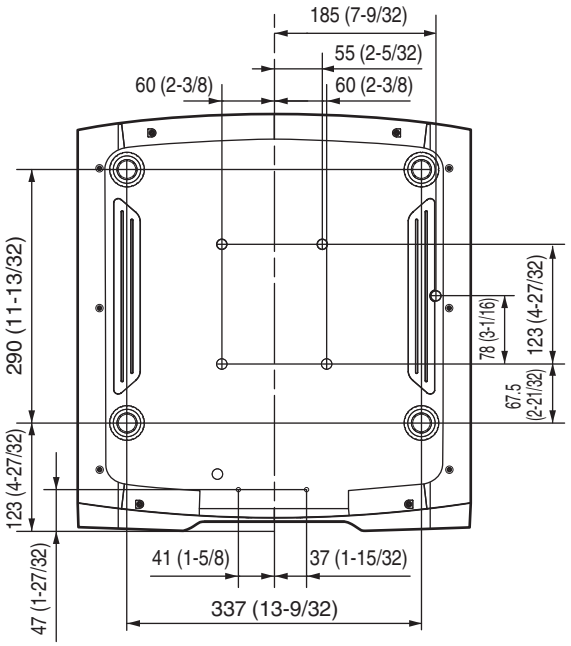
Dimensions

(Unit: mm (in))

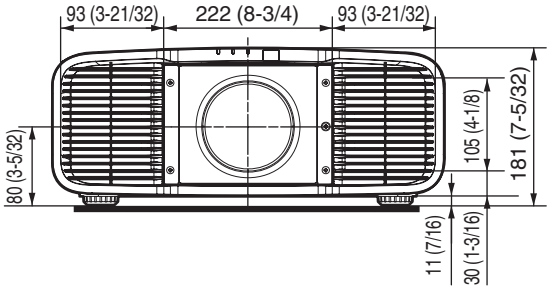
Top Surface



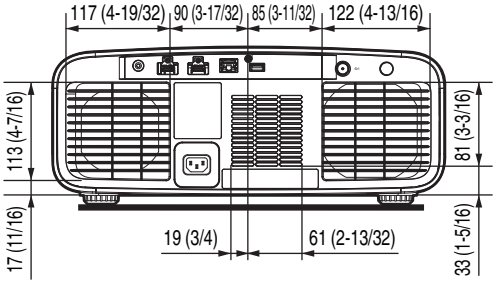
Bottom Surface



Front



Rear Surface



Index

A Accessories..... 14
Adjust (Auto Geometry Stabilizer).....49
Adjust (Fine) 44
Adjust (Pixel Adjust).....44
Adjust (Pixel) 44
Adjust Area 44
Adjust Color 44
Adjust Pattern (Auto Geometry Stabilizer).....49
Adjust Pattern Color 44
Adjusting the Position..... 24
Adjustment Pattern (Installation Settings)..... 44
Adjustments and Settings in the Menu.....29
Aperture 35
Auto Geometry Stabilizer 48
Auto Intensity..... 35

B Back Color 51
Blur Reduction..... 34
Bottom..... 48
Bright Level 39
Brightness (Color Profile).....37
Brightness (Picture Adjust)..... 35

C Channel Hide.....40
Cleaning and Replacing the Filter..... 56
Clear Motion Drive 34
Color 35
Color Management 37
Color Profile 37
Color Selection (Color Profile).....37
Color Space (HDMI Settings).....40
Color Temp. 33, 38
Command and data..... 70
Command Format.....70
Communications Example..... 72
Connecting the Projector..... 25
Connecting to the HDMI Input Terminal (Digital Input) 25
Connecting to the LAN Terminal.....26
Connecting to the REMOTE Terminal.....27
Contrast 35
Controls and Features..... 16
Correction Value (Color Temp.)..... 38
Correction Value (Gamma)..... 39

D Dark Level 39
Default Gateway 50
DHCP Client 50
Dimensions.....84
Display Settings.....51
Dual 2K Input Mode..... 41

E ECO Settings.....52
Effective Range of Remote Control Unit.....19
End..... 70
External Control..... 69

F Focus.....42

G Gain Blue 38
Gain Green 38
Gain Red 38
Gamma 34, 39

H HDMI EDID Setting 40
HDMI Settings.....40
Header.....70
Hide Mode..... 28
Hide Mode (ECO Setting)..... 52
High Altitude Mode 53
Hue 37

I Image Pattern 42
Image Settings.....33
Indicator Display..... 82
Information 54
Input (HDMI Settings)..... 40
Input Terminal.....17
Installation Method.....22
Installation Settings.....42
Installation Style 48
IP Address 50

L LAN Terminal..... 17, 26, 69
Large Lens.....57
LD Current..... 35
LED Indication.....48
Left.....48
Lens..... 16, 57
Lens Control 42
List of Menu Items.....29
Loading Batteries into the Remote Control..... 19
Lock 43
Logo 51
Long-term Storage of the Projector.....55

M MAC Address 50
Main Unit - Bottom....16
Main Unit - Front....16
Main Unit - Input Terminals....17
Main Unit - Rear....17
Maintaining the Cabinet and Remote Control....55
Mask 48
Menu....20
Menu Position 51
Mode (Auto Geometry Stabilizer)....48
Mode Settings....33
Motion Enhance....34
Mounting the Lens....57

N Network Password 50
Network Settings....50

O Off Timer 52
Offset Blue 38
Offset Green 38
Offset Red 38
Operation mode display....82

P Page 1....54
Page 2 to 3....54
Partial Adjustment (Zone Adjust)....47
Picture Adjust 35
Picture Mode 33, 35
Picture Tone 39
Pixel Adjust 44
Point 1 to 4....49
Power Cord....27
Precautions during Installation....22
Projection Distance....75

R Remote Control....18
Remote Control Code....71
Remote Control Code (External Control)....71
Remote Control Code (System Setting)....53
Remote Control Operation Guide....45
REMOTE CONTROL terminal....17
Reset (Auto Geometry Stabilizer)....49
Reset (Pixel Adjust)....44
Right....48

S Safety Precautions....2
Saturation 37
Screen Size and Projection Distance....75
Securing (Mounting) the Projector....23
Securing the projector (directly mount)....23
Selecting the Color (Gamma)....39
SERVICE Terminal....17, 53
Sharpness....35
Shift....42
Signal Display 51
Single 2K Input Mode....41
Small Lens....61
Software Update 53
Specifications....73
Subnet Mask 50
System Settings....53

T TCP/IP Connection....69
Tint 35
Top....48
Troubleshooting....64
Types of Possible Input Signals....79

U Unit ID....70
User Name Edit 36

V Viewing Videos....28

W Warning display....83
When the Following Messages Appear....68
Whole Adjust (Fine) 46
Whole Adjust (Pixel) 45

Z Zoom....42
Zoom or focus does not work....66

DLA-VS2600G, DLA-VS2600SG
D-ILA PROJECTOR

JVC

© 2025 JVCKENWOOD Corporation