

# JVC

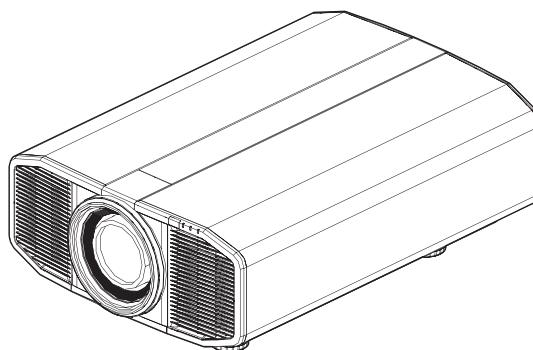
ENGLISH  
FRANÇAIS  
ESPAÑOL/CASTELLANO

## Quick User Guide

D-ILA  
PROJECTOR

# DLA-Z1

**D-ILA®**  
**HDMI®**  
HIGH-DEFINITION MULTIMEDIA INTERFACE



Thank you for purchasing this JVC product.

This "Quick User Guide" includes simple descriptions from installing this unit to viewing images.

Please read this prior to use to ensure proper use of this unit.

In addition, be sure to read the "Safety Precautions" (separate manual) to ensure safe use of this unit.

After reading, please keep together with the warranty card at hand.

For detailed operating instructions, download the instruction manual (PDF file) or view the Mobile User Guide on PC, smartphone or tablet via internet connection.

- INSTRUCTIONS (PDF file)  
[http://www32.jvckenwood.com/jvc/manual\\_e/index.asp](http://www32.jvckenwood.com/jvc/manual_e/index.asp)  
\* To view the PDF file, "Adobe Acrobat Reader 5 or above" or "Adobe Reader" is required.
- Mobile User Guide  
<http://manual3.jvckenwood.com/projector/mobile/global/>



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B5A-1718-01

# ProSelecta

View :: Compare :: Select - [www.ProSelecta.com](http://www.ProSelecta.com)

# Preparation

## Checking the Accessories

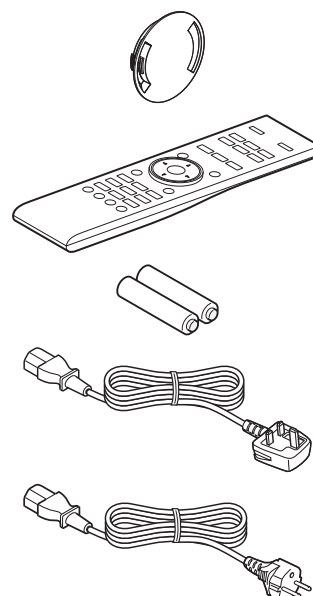
Lens Cover ..... 1 piece

Remote control ..... 1 piece

AAA-size batteries (for operational check) ..... 2 pieces

Power cord (for UK) (about. 2 m) ..... 1 piece

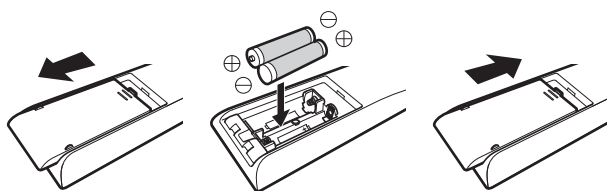
Power cord (for EU) (about. 2 m) ..... 1 piece



- Quick User Guide (this document), safety precautions, warranty card, and other printed material are also included.
- Be sure to read the "Safety Precautions" before using this projector.

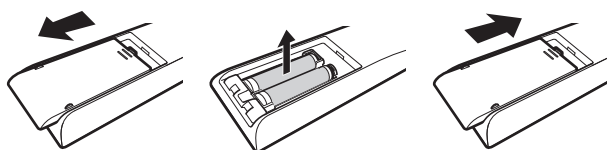
## Loading Batteries into the Remote Control

### Loading 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  $\oplus$   $\ominus$  marks. Be sure to insert the  $\ominus$  end first. When removing the battery, do so from the  $\oplus$  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.

### Removing the batteries



### CAUTION

- Do not put the remote control in a place with an exposure to direct sun light or high temperature. It may be 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.

# Installing the Projector

## Precautions during Installation

Please read the following carefully before installing this unit.

### When carrying this unit

This unit is heavy in weight. Please ensure that there are at least two persons carrying it.

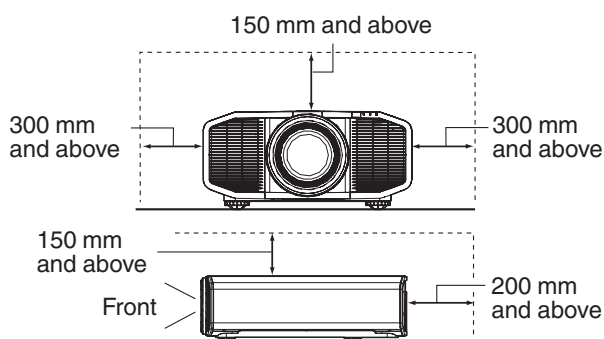
### Do not install at the following

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
- On top of a carpet or bedding, or other soft surfaces
- Places exposed to direct sunlight
- Places with a high or low temperature
- Do not install this unit in a room that is oily or subject to cigarette smoke. Even a small quantity of smoke or oiliness can have a long-term impact on this unit.
- \* 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.

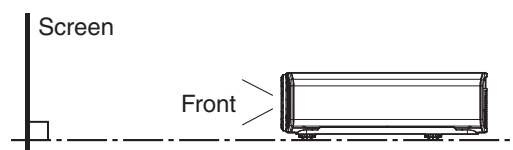
As the unit discharges a large amount of heat, install it with adequate clearance from the surroundings as shown below.



Leave the front area of the unit unblocked. If there is any obstructing object in front of the exhaust vent, hot air will flow back to the unit and cause it to heat up. Hot air flowing out of the unit may cast shadows on the screen (heat haze phenomenon).

### 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 above sea level (low air pressure), set the "High Altitude Mode" to "On". (Refer to the INSTRUCTIONS.)

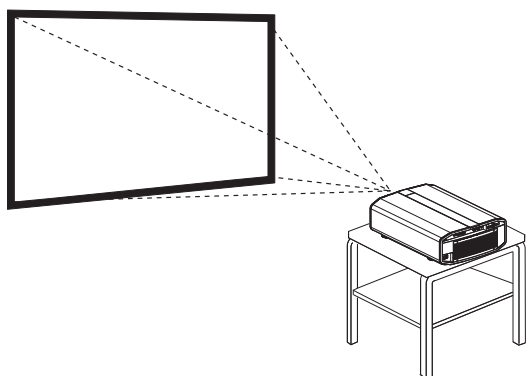
## Ways of Installation

This unit can be mounted sitting on its feet or ceiling mounted, and it supports front or rear projection. Refer to the INSTRUCTIONS for the installation.

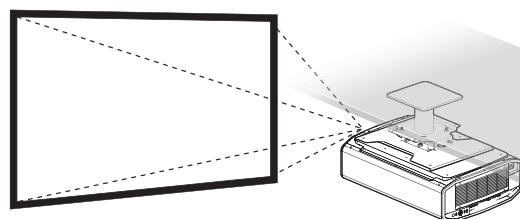
### CAUTION

- Special expertise and techniques are required for mounting this unit to the ceiling. Make sure that you get the authorized dealer or a specialist to install it.
- Be sure to fix the main unit and take the necessary actions to prevent it from falling off in order to avoid accidents during an earthquake.
- When reusing the ceiling mount bracket of an old model, consult the specialist to check if there are any issues with the surrounding space and increase in weight.

#### Projector sitting on its feet



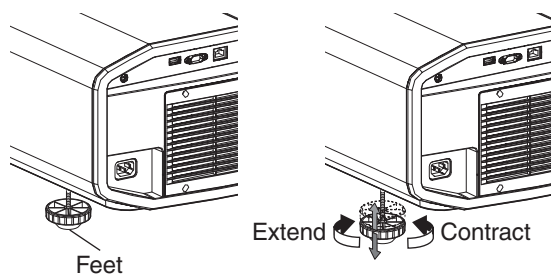
#### Ceiling Mount



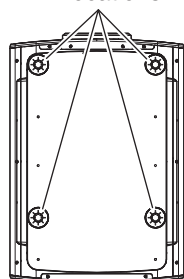
## Adjusting the Position

### Adjusting the elevation angle of the projector

The height and inclination of the unit (0 to 5 mm) can be adjusted by turning the feet. Lift the unit and adjust the four feet.



4 Locations



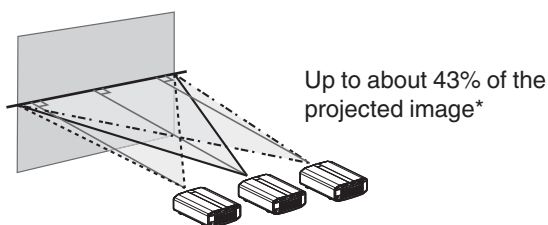
### Adjusting the position of the image

By using the lens shift feature of this unit, you can shift the image upward/downward or to the left/right. Set it to your preferred position.

➔ "Adjusting the Projection Screen" (P. 7)

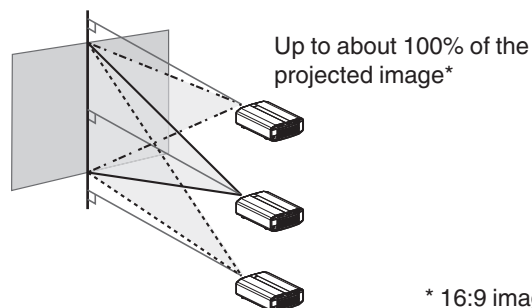
#### ■ Horizontal Position

Vertical Position: 0% (Center)



#### ■ Vertical Position

Horizontal Position: 0% (Center)

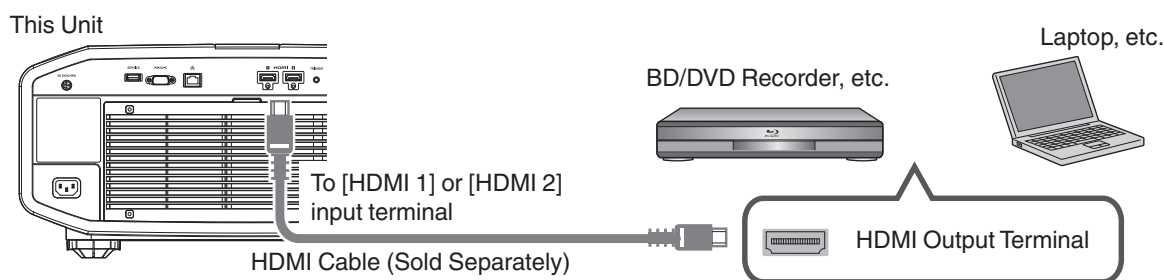


\* 16:9 image

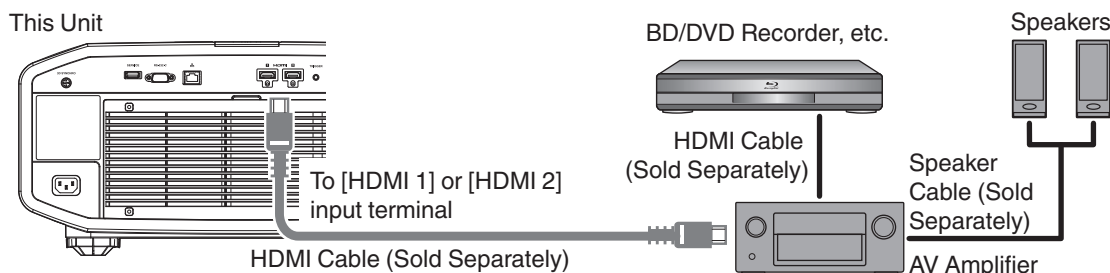
# Connecting the Projector

- Do not turn on the power until connection is complete.
- 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.
- The images may not be displayed depending on the devices and cables to be connected.  
Use a high-speed HDMI cable (sold separately) that is HDMI-certified.  
When using a standard cable, you are recommended to set the resolution of the equipment transmitting the video to 1080i or lower.  
For details, refer to INSTRUCTIONS.
- Some cables cannot be connected to this unit due to the size of their connector cover.

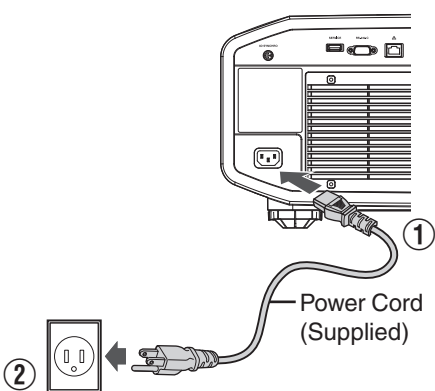
## Connecting via HDMI cable



## Connecting through an AV amplifier



## Connecting the Power Cord (Supplied Accessory)

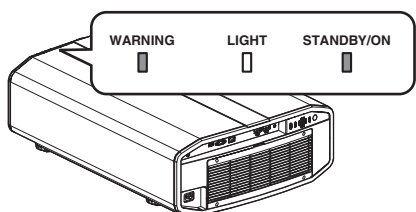
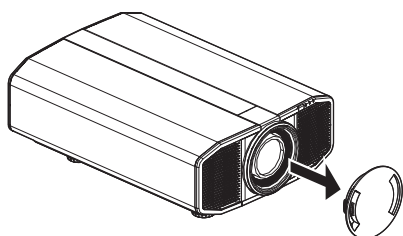


- ① Connect the power cord supplied to the power input terminal on the main unit
- ② Insert the supplied power plug into the wall outlet.

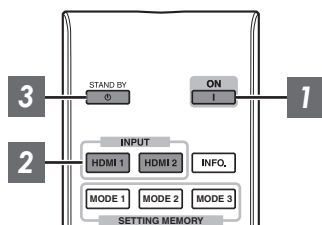
## ⚠ Precautions to prevent fire and electric shock

- The power consumption of this unit is large. Please connect it directly to the wall outlet.
- 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.

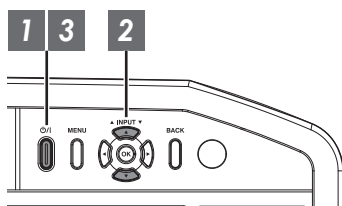
# Viewing Videos



Remote Control



This unit



## MEMO

- Make sure to remove the lens cover.
- Connect the power cord, and ensure that the “STANDBY/ON” indicator lights up in red.
- During standby in the “ECO Mode”, the “STANDBY/ON” indicator does not light up even when the power cord is correctly connected. In this case, cancel the standby mode by pressing any button on the remote control unit, or use the  $\odot$ /I button on the projector unit when you are turning on the power.

### 1 Turn on the power

Remote control: press the I [ON] button

Projector unit: press the  $\odot$ /I button

- The “STANDBY/ON” indicator light switches from red (light off in “ECO Mode”) to green (light goes off after the unit starts up).

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



“STANDBY/ON” lights up (green)  
When LD block is starting up



“STANDBY/ON” light off  
When in “ECO Mode”



### 2 Choose the image to project

Remote control: press the [HDMI 1] or [HDMI 2] button

Projector unit: press the [INPUT] button to switch the input

- Play back the selected device to project the image.

### 3 Turn off the power

Remote control: press the  $\odot$  [STAND BY] button

Projector unit: press the  $\odot$ /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 about 10 seconds to cool down the LD block (Cool-down mode). Do not disconnect the power cable while cooling is in progress.
- After about 10 seconds, 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

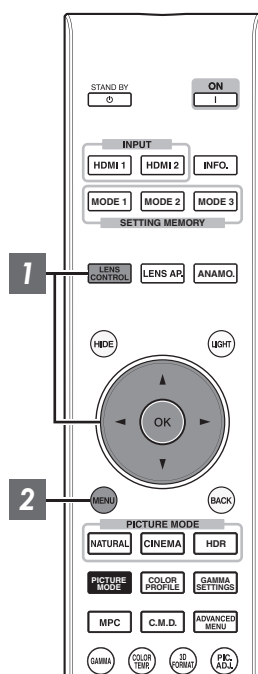


- Attach the lens cover.

## CAUTION

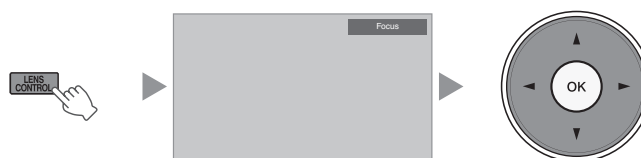
- The power cannot be turned off within approximately 30 seconds after it has been turned on.
- The power cannot be turned on again while cooling is in progress (10 seconds).
- Pull out the power plug when the unit is not to be used for a prolonged period of time.
- If the indication of indicator differs from the description, refer to “Indicator Display on the Main Unit”P. 10 for details.

## Adjusting the Projection Screen



1

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



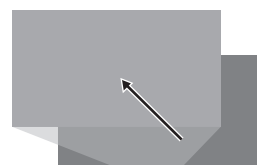
- Pressing the [LENS CONTROL] or [OK] button each time switches the mode in the following sequence: "Focus" → "Zoom" → "Shift" → "Focus"...
- Operation of the lens control feature is disabled when the lens lock is set to "On".



Focus Adjustment



Zoom (Screen Size) Adjustment



Shift (Screen Position) Adjustment

2

Press the [MENU] button once, or the [BACK] twice, to end adjustment

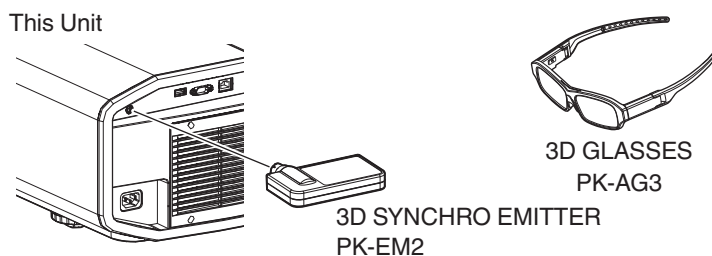
## Viewing 3D Movies

By using the 3D GLASSES (PK-AG1, PK-AG2, or PK-AG3) and 3D SYNCHRO EMITTER (PK-EM1 or PK-EM2), both sold separately, you can enjoy 3D video images.

- For 3D GLASSES and 3D SYNCHRO EMITTER that are compatible with this unit, please refer to P. 12.

### Installing the 3D SYNCHRO EMITTER

- 1 Connect 3D SYNCHRO EMITTER to the [3D SYNCHRO] terminal on the main unit
- Installation Example



### CAUTION

- If PK-EM1 is used, adjust the position of the 3D SYNCHRO EMITTER such that the 3D GLASSES can receive the signal from the 3D SYNCHRO EMITTER.  
For more details, please refer to the instruction manual of PK-EM1.

## Viewing 3D Movies

1

Connect this unit to a 3D-compatible HDMI device, and turn on the power to play back the 3D video image

- For details on how to play back 3D video images, please refer to the instruction manual of the player or recorder in use.
- When 3D signals are received, the video image switches automatically to the 3D format.
- This unit supports the following 3D formats.
  - Frame packing
  - Side-by-side
  - Top-and-bottom
- In the default setting, "3D Format" is set to "Auto" for automatic projection of 3D images.

If the image does not switch to 3D automatically

### ① Select "3D Format"

- Pressing the [3D FORMAT] button each time switches the mode in the following sequence: "Auto" → "Side by Side" → "Top and Bottom" → "2D" → "Auto"...
- You can also perform setting from "Input Signal" → "3D Setting" → "3D Format" in the menu.

Format	Description
Auto	The format is detected and configured automatically.
Side by Side	Select this setting if the 3D input signal is of the side-by-side format.
Top and Bottom	Select this setting if the 3D input signal is of the top-and-bottom format.
2D	Select this setting if 2D images are falsely recognized as 3D ones.

2

Turn off the power of the 3D GLASSES and put them on

- The PK-AG1 powers on automatically.

## Setting the Picture Mode

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

1

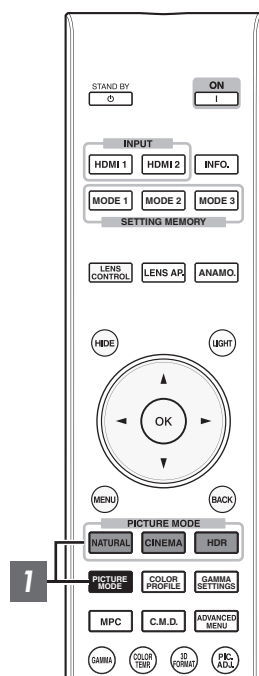
Press the button corresponding to the "Picture Mode" of the [PICTURE MODE] you want to set, and set the "Picture Mode"

- You can also perform the setting by pressing the [MENU] button to display the menu followed by selecting "Picture Adjust" → "Picture Mode".
- You can also press the "Cinema", "HDR" or "Natural" button to set the Picture mode directly.

Item	Description
Natural	Image quality that focuses on natural color and gradation reproduction. Suitable for drama footage, etc.
Cinema	Reproduces the image in vivid colors. Suitable for all movies.
HDR*2	Making full use of the wide color gamut and contrast, this mode is suited for viewing HDR contents such as Ultra HD Blu-ray.
Film	Reproduces faithfully the texture of movie films.
THX*1	Image quality certified by THX.
User 1 to User 6	Enables user-defined image quality data to be saved and retrieved.

- \*1 For Picture modes with the \*1 mark, the optimal settings for 2D and 3D signals are stored separately and applied automatically according to the selected mode.
- Edited settings will also be saved separately.
  - No changes will be made to the Picture mode name.

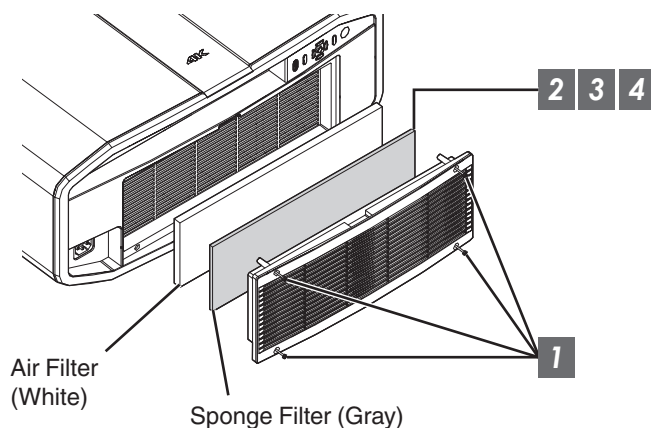
- \*2 If HDR (high dynamic range) signal is detected, the picture mode will automatically switch to "HDR".





# Cleaning and Replacing the Filter

Clean the filter regularly. Using a filter without cleaning may reduce the brightness of the image. Dirt that enters the unit may also appear as shadows on the image.



- 1** Loosen the 4 screws and remove the cover
  - Do not try to remove the screws from the cover by force.
- 2** Remove the sponge filter
- 3** Use a vacuum cleaner to remove dirt from the sponge filter carefully
- 4** Restore the sponge filter
- 5** Restore the cover and fasten the 4 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 filter in the correct sequence.

## MEMO

- If you need to replace the air filter or sponge filter because they are broken or if there is dirt inside the unit, please consult our dealer or any nearby service center.
- Air filter  
Product no.: F1K-0062-00
- Sponge filter  
Product no.: J3K-0049-00

# Indicator Display on the Main Unit

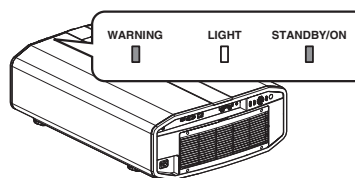
## Meaning of the lighting figures



The indicator lights up.



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 LD block 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)












## 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. 10”.)

The Warning mode is activated once the message is displayed. Projection is interrupted, and the cooling fan is turned on for about 10 seconds.

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

Indicator Status (Solid/Blinking)	Blinking Frequency	Description	Check and Countermeasure
<div><div>WARNING</div><div></div><div>(Red)</div></div> <div><div>LIGHT</div><div></div><div>(*)</div></div> <div><div>STANDBY/ON</div><div></div><div>Mode Display</div></div>	x2	Cooling fan stopped abnormally	<ul style="list-style-type: none"><li>• Check that nothing is blocking the air inlets.</li><li>• Check that the external temperature is normal.</li></ul> <p>Countermeasure: Leave the unit unoperated until it cools down. After that, turn on the power again.</p>
	x3	Internal temperature is abnormally high	
	x4	External temperature is too high	
<div><div>WARNING</div><div></div><div>(Red)</div></div> <div><div>LIGHT</div><div></div><div>(Orange)</div></div> <div><div>STANDBY/ON</div><div></div><div>Mode Display</div></div> <div>Blinking Simultaneously</div>	x1	Abnormal circuit operation	
	x2		
	x3		
	x4		
<div><div>WARNING</div><div></div><div>(Red)</div></div> <div><div>LIGHT</div><div></div><div>(Orange)</div></div> <div><div>STANDBY/ON</div><div></div><div>Mode Display</div></div>	x1	When the safety switch is activated	Request for repair at your authorized dealer or a nearby service center.
	x3		
	x4		

If the Warning mode is activated again, wait for the cooling fan to stop, followed by pulling out the power plug from the outlet. Request for repair at your authorized dealer or a nearby service center.

# 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 /I button on the projector unit to turn on the power again

**When “High Altitude Mode” is set to “On”, and “LD Power” is set to “High” during 3D mode, the fan will make louder noise than usual since it is designed to run at high speed in 3D mode.**

## Power is not supplied

Check	Action	Refer to
Is the power cord disconnected?	Insert the power cord (plug) firmly.	This document P. 5
Is the unit in the Cool-down mode?	After exiting the Cool-down mode, turn on the power again.	This document P. 6
Is the unit in the Eco mode?	Press the  /I button on the projector unit or the remote control unit. After the “STANDBY/ON” indicator lights up in red, press the I [ON] button.	This document P. 6

## Power shuts down automatically

Check	Action	Refer to
Has “ECO Mode” been configured?	Set “ECO Mode” to “Off”.	“Troubleshooting” in the INSTRUCTIONS
Has “Off Timer” been configured?	Set “Off Timer” to “Off”.	“Troubleshooting” in the INSTRUCTIONS
Are the air inlets and exhaust vent blocked?	Leave proper clearance when installing the unit.	This document P. 3
Is there a large amount of dirt attached to the sponge filter?	Remove the dirt using a vacuum cleaner.	This document P. 9

## Video image does not appear

Check	Action	Refer to
Is the correct external input selected?	Select the correct external input terminal.	This document P. 6
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.	This document P. 5
Is the AV device or PC properly connected?	Connect the AV device or PC properly.	This document P. 5
Are the correct signals being output from the AV device or PC?	Set the AV device or PC properly.	This document P. 5
Is the cable in use an HDMI-certified cable?	Use an HDMI-certified high-speed cable. Also, use as short a cable as possible.	This document P. 5
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.	This document P. 5
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.	“Troubleshooting” in the INSTRUCTIONS

### 3D images do not appear

Check	Action	Refer to
Do you see two images displayed side by side?	Set "3D Format" to "Side by Side" Video images in the "Side by Side" format may not be recognized automatically in the case of 3D video images.	"Troubleshooting" in the INSTRUCTIONS
Is an intermediate device (AV amplifier, divider, etc.) in use?	Connect the source device to the projector directly, and check whether there is any improvement in the condition. If the condition improves, it is likely that this is not caused by malfunction of the projector.	This document P. 5
Is the cable in use an HDMI-certified cable?	Use an HDMI-certified high-speed cable. Also, use as short a cable as possible.	This document P. 5
Is the power of the 3D GLASSES turned on?	If you are using the PK-AG2 or PK-AG3 3D GLASSES, turn on the power manually.	Check the instruction manual of the 3D GLASSES and 3D SYNCHRO EMITTER.
Are the 3D GLASSES charged?	Check whether the PK-AG1 battery of the 3D GLASSES has run out, and whether PK-AG2 and PK-AG3 are charged.	
Are the 3D GLASSES and 3D SYNCHRO EMITTER too far away from each other?	Position them at an appropriate distance.	
Is the 3D GLASSES and 3D SYNCHRO EMITTER combination correct?	Check the model name of 3D GLASSES and 3D SYNCHRO EMITTER, and use the correct combination.	—

### Compatibility Chart for 3D SYNCHRO EMITTER and 3D GLASSES

		3D GLASSES		
		PK-AG1 * (Communication Method: IR (Infrared))	PK-AG2 * (Communication Method: IR (Infrared))	PK-AG3 (Communication Method: RF (Radio frequency))
3D SYNCHRO EMITTER	PK-EM1 * (Communication Method: IR (Infrared))	○	○	—
	PK-EM2 (Communication Method: RF (Radio frequency))	—	—	○

\* Discontinued product

Please check with your authorized dealer for details.

### 3D video image looks unnatural

Check	Action	Refer to
Are there overlapping video images?	If there are overlapping video images partially, this is due to the crosstalk phenomenon. In this case, adjust "Crosstalk Cancel" accordingly.	"Troubleshooting" in the INSTRUCTIONS
	If there are overlapping video images partially, this is due to the crosstalk phenomenon. This phenomenon often occurs when there are drastic changes in the brightness. In this case, set "LD Power" to "High"	"Troubleshooting" in the INSTRUCTIONS

## 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 "Color Space" for "Input Signal" correctly.	"Troubleshooting" in the INSTRUCTIONS
Is the image correctly adjusted?	Adjust "Color" and "Tint" accordingly.	"Troubleshooting" in the INSTRUCTIONS
Is the AV device or PC properly connected?	Connect the AV device or PC properly.	This document P. 5

\* 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.	This document P. 7
Is the unit placed too near or too far away from the screen?	Set the unit at a correct distance from the screen.	"Troubleshooting" in the INSTRUCTIONS

### Video image flickers

Check	Action	Refer to
Do you see horizontally-extended, overlapping video images?	In this case, set "3D Format" to "Auto"	"Troubleshooting" in the INSTRUCTIONS
Are you viewing the video images under a fluorescent light?	This is caused by interference between the 3D glasses with the flickers of the fluorescent light. View with the fluorescent light turned off.	—

### Projected image is dark

Check	Action	Refer to
Is the aperture closed?	Increase the value of the "Aperture" setting.	"Troubleshooting" in the INSTRUCTIONS
Is "LD Power" set to "Low"?	Set "LD Power" to "High" or "Mid".	"Troubleshooting" in the INSTRUCTIONS

### Video image appears horizontally (vertically) extended

Check	Action	Refer to
Is "3D Format" set to "Side by Side"?	Set "3D Format" to "Auto"	"Troubleshooting" in the INSTRUCTIONS
Is "Anamorphic" set to a setting other than "Off"?	Set "Anamorphic" to "Off"	"Troubleshooting" in the INSTRUCTIONS

### Striped 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.	—

### Video images are missing

Check	Action	Refer to
Has screen mask been configured?	Set "Mask" to "Off".	"Troubleshooting" in the INSTRUCTIONS
Is the display position misaligned?	Alter the "Picture Position" value so that the entire image appears on the screen.	"Troubleshooting" in the INSTRUCTIONS

### Remote control does not work

Check	Action	Refer to
Are the batteries correctly loaded?	Match the polarities ( $\oplus \ominus$ ) correctly when loading the batteries.	This document P. 2
Are the batteries exhausted?	Replace with new batteries.	This document P. 2
Is there an obstructing object between the remote control and remote sensor?	Remove any obstructing object.	"Troubleshooting" in the INSTRUCTIONS
Is the remote control held too far away from the unit?	Hold the remote control closer to the sensor during use.	"Troubleshooting" in the INSTRUCTIONS
Are the IR (infrared) 3D GLASSES and 3D SYNCHRO EMITTER in use?	As there is a possibility of signal interference, when you are using the IR (infrared) 3D GLASSES together with the 3D SYNCHRO EMITTER, try adjusting the orientation of the 3D SYNCHRO EMITTER.	This document P. 7

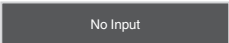

### Noise is heard

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.	This document P. 3 "Troubleshooting" in the INSTRUCTIONS
Is "LD Power" set to "High"?	Setting "LD Power" to "High" increases the fan rotation speed, and noise would be louder as a result.	"Troubleshooting" in the INSTRUCTIONS

### 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
	<ul style="list-style-type: none"><li>• No device is connected to the input terminal.</li><li>• The input terminal is connected but there is no signal.</li></ul>	Input the video signals.
	A video signal that cannot be used with this unit has been input (The names of input terminals such as “HDMI-1” and “HDMI-2” will be displayed in yellow).	Input video signals that can be used. (INSTRUCTIONS “Others” → “Specifications” → “Types of Possible Input Signals”)

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